CONTRACT NAS1-20650 Modifications

There is no modification 5 (modifications were inadvertently numbered incorrectly).

The following information has been determined to be exempt from disclosure and has been deleted from the modifications:

Advanced Agreement on Indirect Rates

The deleted material is exempt from disclosure under 14 C.F.R. 1206.300 (b) (4) which covers trade secrets and commercial or financial information obtained from a person and priviledged or confidential. It has been held that commercial or financial matter is "confidential" for purposes of this exemption if its disclosure would be likely to have either of the following effects: (1) impair the Government's ability to obtain necessary information in the future; or (2) cause substantial harm to the competitive position of the person from whom the information was obtained, National Parks and Conservation v. Morton, 498 F2d 765 (D.C. Cir. 1974).

Disclosure of the financial information could cause substantial competitive harm to the contractor by providing its competitors insight into the company's costing practices and management approaches. Furthermore, disclosure would discourage other companies from participating in future competitive procurements, thereby impairing the Government's ability to obtain complete and accurate cost data, and in turn, frustrating the mandate to obtain maximum competition in negotiated procurements.

			ОМВ	Approval #: 2100-0042		BAGG 00 34 955
AMENDMENT	F SOLICITATION	MODIFICATION C	F CONTRACT	1. CONTRACT ID CO	UE	PAGE OF PAGES
2. AMENDMENT/MODI		3. EFFECTIVE DATE	4. REQUIST	TONPURCHASE REQ. N	0. 5.	PROJECT NO. (If applicable
6. ISSUED BY		Faile 6 1836		ERED BY (If other than its	NTT 6) (CODE
		L				· · · · · · · · · · · · · · · · · · ·
National Aero Langley Rese Hampton, VA		Administration				
8. NAME AND ADDRES	S OF CONTRACTOR (No.	., street, county, State, and 2	Zip Code) (x)	SA. AMENDMENT OF	SOLICITATI	ON NO.
NCI Informat	ion Systems, Inc					
	boro Drive, Suite			98. DATED (SEE ITEM	(11)	
McLean, VA	•			104 MODIFICATION C	E CONTRA	
				IGA MODIFICATION C		Chorder No.
			x	NAS1-20650		
		TT 0005		108. DATED (SEE ITEA	H 13)	
CODE		UTY CODE M ONLY APPLIES 1		2/1/96 ITS OF SOLICITA	TIONS	
		as set forth in Item 14. The I			is extende	d, is not extended.
	IT MODIFIES T	PLIES ONLY TO M	RDER NO. AS D	DESCRIBED IN IT	EM 14.	
(x) A. THIS CHANGI NO. IN ITEM 10A. X 52.243-2 Ct B. THE ABOVE N appropriation date	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACTION , etc.) SET FORTH IN ITE	HE CONTRACT/OF	RDER NO. AS D rey THE CHANGES 1987) Alternate EFLECT THE ADMINIS AUTHORITY OF FAR	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (SUC 43.103(b).	EM 14. RE MADE IN	I THE CONTRACT ORDER
(x) A. THIS CHANGI NO. IN ITEM 10A X 52.243-2 Cl B. THE ABOVE N appropriation date C. THIS SUPPLE	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACTION , etc.) SET FORTH IN ITE	HE CONTRACT/OF ISUANT TO: (Specify author nbursement (AUG ORDER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN	RDER NO. AS D rey THE CHANGES 1987) Alternate EFLECT THE ADMINIS AUTHORITY OF FAR	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (SUC 43.103(b).	EM 14. RE MADE IN	I THE CONTRACT ORDER
1. (x) A. THIS CHANG NO. IN ITEM 10A. X 52.243-2 Ct B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Species) E. IMPORTANT: Control	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACTION , etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not. is require	HE CONTRACT/OF ISUANT TO: (Specify author nbursement (AUG) DRDER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN (authority) ed to sign this document a	RDER NO. AS D my THE CHANGES S 1987) Alternate EFLECT THE ADMINIS AUTHORITY OF FAR IT TO AUTHORITY OF	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (SUC 43.103(b). F: TRATIVE CHANGES (SUC 43.103(b).	EM 14. RE MADE IN th as change	I THE CONTRACT ORDER
(x) A. THIS CHANGINO. IN ITEM 10A. X 52.243-2 B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spece E. IMPORTANT: Contra 14. DESCRIPTION OF AME The purposes of implement changin the amount of	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACTION of etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENT/MODIFICATION this modification a ges to the contract	HE CONTRACT/OF ISUANT TO: (Specify author isuant to: (Specify author isuant to: (Specify author isuant to: (Specify author is MOOFFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) and to sign this document a N (Organized by UCF sector are to (1) authorize a Statement of Work to the Contract Fun	RDER NO. AS E may THE CHANGES S 1987) Alternate EFLECT THE ADMINIS AUTHORITY OF FAR IT TO AUTHORITY OF Indirect The Color and direct the Color as noted below	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Depies to the issuing offic outclation/contract subject contractor, by contra r, and (2) allot addi his contract. Acco	EM 14. RE MADE IN the as change the as change act change itional inc prdingly, 1	I THE CONTRACT ORDER Is in paying office, Feasible.) ge order, to crmental funding
(x) A. THIS CHANG, NO. IN ITEM 10A. X 52.243-2 Ct B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spect E. IMPORTANT: Contra 14. DESCRIPTION OF AME The purposes of implement chang in the amount of changes are here Except as provided herein, all	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACT/C , etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENT/MODIFICATION this modification a ges to the contract \$25,000 pursuant eby made to the Co attact to the Contract	HE CONTRACT/OF ISUANT TO: (Specify author inbursement (AUG) DREER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) ed to sign this document a N (Organized by UCF section are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS E may THE CHANGES S 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AT TO AUTHORITY OF Indedings, including s and direct the Co ding clause of the ding clause of the man SA or 16A, as here	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Deletation/contract subject outclation/contract subject ontractor, by contra r, and (2) allot addi his contract. Acco	e. act change itional incordingly, 1 COPY hothanged an	I THE CONTRACT ORDER Is In paying office, I feesible.J ge order, to crmental funding the following
(x) A. THIS CHANG, NO. IN ITEM 10A. X 52.243-2 Ct B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spect E. IMPORTANT: Contra 14. DESCRIPTION OF AMI The purposes of implement change in the amount of changes are here	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACT/C , etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENT/MODIFICATION this modification a ges to the contract \$25,000 pursuant eby made to the Co attact to the Contract	HE CONTRACT/OF ISUANT TO: (Specify author inbursement (AUG) DREER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) ed to sign this document a N (Organized by UCF section are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS E may THE CHANGES S 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AT TO AUTHORITY OF Indedings, including s and direct the Co ding clause of the ding clause of the man SA or 16A, as here	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Defines to the issuing offic outchatory contract subject contractor, by contra r, and (2) allot addin his contract. Acco	e. act change itional incordingly, 1 COPY hothanged an	I THE CONTRACT ORDER Is In paying office, I feesible.J ge order, to crmental funding the following
(x) A. THIS CHANG NO. IN ITEM 10A. X 52.243-2 B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spect E. IMPORTANT: Contra 14. DESCRIPTION OF AME The purposes of implement chang in the amount of changes are here Except as provided herein, all 15A. NAME AND TITLE OF	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACTION of etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENTIMODIFICATION this modification a ges to the contract 525,000 pursuant eby made to the Co signed to the Co	HE CONTRACT/OF ISUANT TO: (Specify author indursement (AUG) DRDER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN (authority) ed to sign this document a v (Organized by UCF sector are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS D regy THE CHANGES : 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AUTHORITY OF Indedings, including s and direct the Co , as noted below ding clause of the m SA or 10A, as here TGA, NAME AND T CAROLY	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: poies to the issuing offic outclation/contract subject ontractor, by contra r, and (2) allot addi nis contract. Acco Contractor. Acco Contractor. Acco N A. WELLS	e. act change itional incordingly, 1 COPY hothanged an	I THE CONTRACT ORDER Is in paying office, I feesible.) ge order, to crmental funding the following d in full force and effect. Type or print)
(x) A. THIS CHANG, NO. IN ITEM 10A. X 52.243-2 Ct B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spect E. IMPORTANT: Contra 14. DESCRIPTION OF AME The purposes of implement chang in the amount of changes are here Except as provided herein, all	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACTION of etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENTIMODIFICATION this modification a ges to the contract 525,000 pursuant eby made to the Co signed to the Co	HE CONTRACT/OF ISUANT TO: (Specify author inbursement (AUG) DREER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) ed to sign this document a N (Organized by UCF section are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS E may THE CHANGES : 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AUTHORITY OF Indedings, including se and direct the Co ding clause of the CAROLY 168. UNITED STA BY	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Defines to the issuing offic- outdatation/contract subject ontractor, by contra- r, and (2) allot addi his contract. Acco Contractor, by contra- r, and (2) allot addi his contract. Acco Contractor, by contra- tractor,	e. act change itional incordingly, 1 COPY hothanged an	I THE CONTRACT ORDER Is In paying office, I feesible.J ge order, to crmental funding the following
(x) A. THIS CHANG, NO. IN ITEM 10A. X 52.243-2 Cl B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spect E. IMPORTANT: Contra 14. DESCRIPTION OF AM The purposes of implement chang in the amount of changes are here Except as provided herein, all 15A. NAME AND TITLE OF 1 15B. CONTRACTOR/OFFEE (Signature of person	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACT/C , etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENT/MODIFICATION this modification a ges to the contract \$25,000 pursuant eby made to the Co signade to the Co signade to the Co signade to the Co signade to the Co	HE CONTRACT/OF ISUANT TO: (Specify autho inbursement (AUG) ORDER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) ed to sign this document a N (Organized by UCF section are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS E may THE CHANGES S 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AUTHORITY OF IN AUTHORITY OF IN AU	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Doles to the issuing offic outractor, by contra- tr, and (2) allot addin his contract. Acco Contractor, by contra- tr, and (2) allot addin his contract. Acco NA. WELLS TES OF AMERICA M. A. WELLS TES OF AMERICA M. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	EM 14. RE MADE IN th as change a. matter when act change itional ind ordingly, 1 COPY schanged an OFFICER (1)	the contract order is in paying office, feasible.) ge order, to crmental funding the following d in full force and effect. Type or print) 18C. DATE SIGNED FEB 6 1996
(x) A. THIS CHANG, NO. IN ITEM 10A. X 52.243-2 B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Spect E. IMPORTANT: Contra 14. DESCRIPTION OF AME The purposes of implement chang in the amount of changes are here Except as provided herein, all 158. CONTRACTOR/OFFER	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACT/C , etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENT/MODIFICATION I this modification a ges to the contract \$25,000 pursuant eby made to the Co substance of the SIGNER (Type or print) ROR	HE CONTRACT/OF ISUANT TO: (Specify autho inbursement (AUG) ORDER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) ed to sign this document a N (Organized by UCF section are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS E may THE CHANGES : 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AUTHORITY OF Indedings, including se and direct the Co ding clause of the CAROLY 168. UNITED STA BY	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Depies to the issuing offic outclation/contract subject contractor, by contra r, and (2) allot addi his contract. Acco Contractor, Acco NA. WELLS TES OF AMERICA M A. WELLS TES OF AMERICA M CONTRACTING NA. WELLS TANDA	EM 14. RE MADE IN th as change a. matter when act change itional ind ordingly, 1 COPY schanged an OFFICER (1)	the contract order is in paying office, feesible,) ge order, to crmental funding the following d in full force and effect. Type or print; 18C. DATE SIGNED FEB 6 1996 A 30 (Rev. 10-83)
(x) A. THIS CHANG, NO. IN ITEM 10A. X 52.243-2 Ct B. THE ABOVE N appropriation date C. THIS SUPPLE D. OTHER (Species) D. OTHER (Species) II. DESCRIPTION OF AMB The purposes of implement change in the amount of changes are here Except as provided herein, all 15A. NAME AND TITLE OF 15B. CONTRACTOR/OFFEF (Signature of person of NSN 7540-01-152-8070	IT MODIFIES T E ORDER IS ISSUED PUR hanges - Cost-Rein NUMBERED CONTRACT/C , etc.) SET FORTH IN ITE MENTAL AGREEMENT IS ity type of modification and actor X is not, is require ENDMENT/MODIFICATION I this modification a ges to the contract \$25,000 pursuant eby made to the Co substance of the SIGNER (Type or print) ROR	HE CONTRACT/OF ISUANT TO: (Specify autho inbursement (AUG) ORDER IS MODIFIED TO RE M 14, PURSUANT TO THE ENTERED INTO PURSUAN I authority) ed to sign this document a N (Organized by UCF section are to (1) authorize a Statement of Work to the Contract Fun ontract Schedule.	RDER NO. AS E may THE CHANGES S 1987) Alternate FLECT THE ADMINIS AUTHORITY OF FAR AUTHORITY OF FAR AUTHORITY OF IN AUTHORITY OF IN AU	DESCRIBED IN IT SET FORTH IN ITEM 14 A II (APR 1984) TRATIVE CHANGES (suc 43.103(b). F: Depies to the issuing offic outclation/contract subject contractor, by contra r, and (2) allot addi his contract. Acco Contractor, Acco NA. WELLS TES OF AMERICA M A. WELLS TES OF AMERICA M CONTRACTING NA. WELLS TANDA	EM 14. RE MADE IN the as change the as change act change itional ind ordingly, 1 COPY changed an OFFICER (1) COPY ARD FORM d by GSA	the contract order is in paying office, feesible,) ge order, to crmental funding the following d in full force and effect. Type or print; 18C. DATE SIGNED FEB 6 1996 A 30 (Rev. 10-83)

-

A. Exhibit A, Statement of Work, Paragraph 8. is hereby changed as follows with the following added at the end of the first paragraph:

"Application development and enhancement project support is provided for the following LaRC requirements:

- OSEMA Management Information System

A performance-based Job Description Document (JDD) including performance metrics is included in Exhibit G."

B. Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is provisionally increased by \$24,270 from \$483,150 to \$507,420. The award fee is provisionally increased by \$730 from \$16,850 to \$17,580 and is restated as follows:

"B.3, CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$507,420. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through March 12, 1996.

(b) An additional amount of \$17,580 is obligated under this contract for payment of fee."

C. Exhibit G., Job Description Documents, is hereby added to the contract.

CONTRACT TABULATION

	Estimated Cost	Award Fee	CPAF	Funding
Basic Mod. 1	\$3,521,900 0	\$201,700 0	\$3,723,600 0	\$500,000 25_000_
	\$3,521,900	\$201,700	\$3,723,600	\$525,000

Funding includes \$507,420 for cost and \$17,580 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u>JO</u>	RTR	AMOUNT	<u>STATUS</u>
AF.5354	M3159	99230060100	\$20,000	Complete
1.0590	H15068	53709200400	5,000	Complete

Page 2 of 6 NAS1-20650 Modification No. 1 Assignment of Job Description Documents:

JDD No.

Description

Effective Date

AF001

I

OSEMA Management Information System

2-6-96

· · · · · · ·

EXHIBIT G

Job Description Documents (JDD)

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # AF001.00

- Title: Application Development for the Office of Safety, Environment and Mission Assurance
- LaRC Point of Contact: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 4-3361

í

- Scope: This work order provides for the completion of development of application packages which will be included in a Management Information System (MIS) in OSEMA. The applications will automate critical functions performed by OSEMA personnel to increase the efficiency and effectiveness of operations. The application development will follow standards and protocols established during development of initial applications under the previous BAMIS contract. The applications will run on Macintosh and other required fileservers and operate on a mixture of Macintosh and MS-DOS equipment. Extensive, data intensive, applications will reside on a UNIX based workstation under Sybase.
- General Requirements: Provide services for all programming, documentation, checkout, training, and implementation for applications currently under development.
- Specific Requirements: The computer application development activity will include responsibility for final development of specific applications designed to automate activities of OSEMA personnel. Elements of the activity include:

1. Requirement: Competition of the programming for the following OSEMA MIS modules:

Problem Failure Report module Nonconformance Failure Report module Audit Tracking module Hardware/Software Inventory module

Metric:

Satisfactory acceptance testing of each module by designated OSEMA personnel.

2. Requirement: Implementation of each of the OSEMA MIS modules listed above.

Metric:

- Acceptance, by designated OSEMA personnel, of the final implementation of the above listed modules.
- Completion of documentation and on-line help sections of each module.
- Installation of each module on the OSEMA 4-D server and demonstrated operation.

Milestones:

. . ..

- 1. Rapid Prototyping demonstrations of individual applications. (2/20/96)
- 2. Final acceptance testing of individual applications. (3/1/96)

(

3. Suitability of training and implementation support for individual applications. (3/1/96)

ſ

						1				
		, 1	1		.					
					OMB	Approval #: 2700-			PAGE	E RACI
			I/MODIFICATIO		ACT	I. CONTRACT			1	1
	ENDMENT MODIFICA		3. EFFECTIVE DAT			ION/PURCHASE R	EQ. NO.	5. PRO	DJECT NO	(If appl
_	2		FEB 2.9							
6. ISSL	JED BY	CODE		7. A	DMINIST	ERED BY (If other t	han item 6)	C00	E [
Na	ational Aeronau	itics and Space	Administration							
	angley Researcl									
Ha	ampton, VA 23	3681-0001								
			o., street, county, State,	and Zip Codel	(x)	SA AMENDMEN	T OF SOLIC		NO.	
3. NAM	NE ANU AUURESS OF	- CONTRACTOR INC	o., street, county, state,		1				•	
NI	CI Information	Systems Inc	-							
						98. DATED (SE	TEM 11)		<u>_</u>	
	260 Greensbo	-	e 400		1					
M	cLean, VA 22	2102				10A MODIFICAT	ION OF CO	NTRACT/	ORDER NO).
					}					
					x	NAS1-20	650			
		. *			1	108. DATED (SE		<u> </u>		
CODE		FAC			-1	2/1/96	,			
			EM ONLY APPLI	ES TO AMEN				NS		
	<u></u>							xtended.	<u> </u>	t extend
	he above numbered so	olicitation is amended	d as set forth in Item 14. nt prior to the hour and d	The nour and date	зрасина	d for receipt or Oner				A BAICIN
197.	'A13	THIS ITEM AL			TIONS	S OF CONTR	ACTS/OF	RDERS		<u> </u>
	13.	IT MODIFIES	PPLIES ONLY T	T/ORDER N	D. AS	DESCRIBED	IN ITEM	14.		
(x)	13. A. THIS CHANGE O	IT MODIFIES	PPLIES ONLY T THE CONTRAC URSUANT TO: (Specify	T/ORDER N	D. AS	DESCRIBED	IN ITEM	14.		TACT O
(x)	A. THIS CHANGE C NO. IN ITEM 10A.	IT MODIFIES	THE CONTRAC	T/ORDER No authority) THE C	D. AS HANGES	DESCRIBED	IN ITEM	14.		ACT O
	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Cha	IT MODIFIES PROER IS ISSUED PO nges - Cost-Re	THE CONTRAC URSUANT TO: (Specify simbursement (A	T/ORDER No authority) THE C NUG 1987) A	D. AS HANGES	DESCRIBED SET FORTH IN ITE e II (APR 1984	IN ITEM EM 14 ARE N 4)	14. AADE IN T		
(x)	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUM	IT MODIFIES RDER IS ISSUED PO nges - Cost-Re	THE CONTRAC URSUANT TO: (Specify simbursement (A	UG 1987) A	D. AS HANGES Itemat	DESCRIBED SET FORTH IN ITE e II (APR 1984 ISTRATIVE CHANG	IN ITEM EM 14 ARE N 4)	14. AADE IN T		
(x)	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Cha B. THE ABOVE NUM appropriation date, e	IT MODIFIES PRDER IS ISSUED PU INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN F	THE CONTRAC URSUANT TO: (Specify simbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH D THE AUTHORIT	D. AS HANGES Itemat E ADMIN Y OF FAI	DESCRIBED SET FORTH IN IT e II (APR 198- ISTRATIVE CHANG R 43.103(b).	IN ITEM EM 14 ARE N 4)	14. AADE IN T		
(x)	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Cha B. THE ABOVE NUM appropriation date, e	IT MODIFIES PRDER IS ISSUED PU INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN F	THE CONTRAC URSUANT TO: (Specify simbursement (A	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH D THE AUTHORIT	D. AS HANGES Itemat E ADMIN Y OF FAI	DESCRIBED SET FORTH IN IT e II (APR 198- ISTRATIVE CHANG R 43.103(b).	IN ITEM EM 14 ARE N 4)	14. AADE IN T		
(x)	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Cha B. THE ABOVE NUM appropriation date, e	IT MODIFIES PROER IS ISSUED PU INGES - COST-RE MBERED CONTRAC CONTRAC INTAL AGREEMENT	THE CONTRAC URSUANT TO: (Specify simbursement (A TYORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH D THE AUTHORIT	D. AS HANGES Itemat E ADMIN Y OF FAI	DESCRIBED SET FORTH IN IT e II (APR 198- ISTRATIVE CHANG R 43.103(b).	IN ITEM EM 14 ARE N 4)	14. AADE IN T		
(x) X	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Char B. THE ABOVE NUN appropriation date, e C. THIS SUPPLEME D. OTHER (Specify	IT MODIFIES PRDER IS ISSUED PO INGES - COST-RE MBERED CONTRAC (c.) SET FORTH IN F INTAL AGREEMENT INTAL AGREEMENT Intal AGREEMENT	THE CONTRAC URSUANT TO: (Specify simbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUT	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG R 43.103(b). OF:	IN ITEM EM 14 ARE M 4) ES (such as	14. AADE IN T		
(x) X	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Cha B. THE ABOVE NUM appropriation date, e C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract	IT MODIFIES DRDER IS ISSUED PO INGES - COST-RE MBERED CONTRAC CONTRAC CONTRAC CONTRAC CONTRAC TO TAL AGREEMENT Type of modification a tor X is not, is requ	THE CONTRAC URSUANT TO: (Specify simbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU and authority) uired to sign this docu	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY	DESCRIBED SET FORTH IN ITZ e II (APR 198- ISTRATIVE CHANG R 43.103(b). DF: Copies to the issui	IN ITEM IM 14 ARE N 4) ES (such as	14. NADE IN T	HE CONTF	
(x) X E. IMP 14. DES	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Cha B. THE ABOVE NUM appropriation date, e C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC CONTRAC SET FORTH IN F INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT	THE CONTRAC URSUANT TO: (Specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO "IS ENTERED INTO PU and euthority) uired to sign this docu ION (Organized by UCF	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH ment and return	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (DESCRIBED SET FORTH IN ITZ e II (APR 198- ISTRATIVE CHANG R 43.103(b). DF: copies to the issui solicitation/contract	IN ITEM IM 14 ARE N 4) ES (such as ng office.	14. AADE IN T. changes /	HE CONTF	
(x) X E. IMP 14. DES Pu	13. A. THIS CHANGE O NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUM appropriation date, e C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Se	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC AC.) SET FORTH IN F INTAL AGREEMENT type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause	THE CONTRAC URSUANT TO: (Specify eimbursement (A TORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52,243-2 "Chang	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH result of the AUTHORIT RSUANT TO AUTH result and return section headings, ges-Cost Rei	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY Including mburs	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG A 43.103(b). OF: copies to the issui solicitation/contract ement Alterna	IN ITEM IN 14 ARE N 4) ES (such as resubject mat ite II," the	14. MADE IN T. changes / ter where / e contra	HE CONTR In paying of feesible.) Actor is	<i>ПСӨ,</i>
(x) X E. IMP 14. DES Pu au	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUM appropriation date, e C. THIS SUPPLEME D. OTHER (Specify CORTANT: Contract SCRIPTION OF AMEN INSUANT to the Set thorized and dir	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC CONTRAC CONTRAC TO THE FORTH IN F INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c	THE CONTRAC URSUANT TO: (Specify simbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH result of the AUTHORIT result of the AUTHORIT section headings, ges—Cost Rei diffication to p	D. AS HANGES Itemat E ADMIN OF FAI HORITY Including mburs rovide	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG A 43.103(b). OF: copies to the issui solicitation/contract ement Alterna support for ap	IN ITEM IN 14 ARE N 4) ES (such as resubject mathematical the II," the oplication	14. MADE IN T. changes / ter where / e contra s devel	HE CONTR In paying of feesible.) actor is lopment	Πcə,
(x) X E. IMP 14. DES Pu aut	13. A. THIS CHANGE O NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUM appropriation date, e C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir puirements for t	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC CONTRAC MERED CONTRAC INTAL AGREEMENT INTAL AGREEMENT I	THE CONTRAC URSUANT TO: (specify simbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH ment and return section headings, ges-Cost Rei dification to p to Exhibit G.	D. AS HANGES ADMIN Y OF FAI HORITY Including mburs rovide In ac	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG A 43.103(b). DF: copies to the issuit solicitation/contract ement Alterna support for ap cordance with	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a	Πcə,
(x) X E. IMP 14. DES Pu aut rec equ	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustment	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN I INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be ma	THE CONTRAC URSUANT TO: (Specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH result of AUTHORIT RSUANT TO AUTHORIT RSUANT TO AUTH result of AUTHORIT RSUANT TO AUTHOR RSUANT TO AUTHOR RSUAU	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (Including mburs rovide In ac cost an	DESCRIBED SET FORTH IN IT e II (APR 1984 ISTRATIVE CHANG A 43.103(b). OF: Copies to the issui solicitation contract ement Alterna support for ap cordance with d fee by a sub	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a	Πcə,
(x) X E. IMP 14. DES Pu aut rec equ	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustment	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN I INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be ma	THE CONTRAC URSUANT TO: (specify simbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH restion headings, ges-Cost Rei dification to p to Exhibit G, ct estimated c	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (Including mburs rovide In ac cost an	DESCRIBED SET FORTH IN IT e II (APR 1984 ISTRATIVE CHANG A 43.103(b). OF: Copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a	Πcə,
(x) X E. IMP 14. DES Pu aut rec equ	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustment	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN I INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be ma	THE CONTRAC URSUANT TO: (Specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH restion headings, ges-Cost Rei dification to p to Exhibit G, ct estimated c	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (Including mburs rovide In ac cost an	DESCRIBED SET FORTH IN IT e II (APR 1984 ISTRATIVE CHANG A 43.103(b). OF: Copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a	Πcə,
(x) X E. IMP 14. DES Pu aut rec equ	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustment	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN I INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be ma	THE CONTRAC URSUANT TO: (Specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH restion headings, ges-Cost Rei dification to p to Exhibit G, ct estimated c	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (Including mburs rovide In ac cost an	DESCRIBED SET FORTH IN IT e II (APR 1984 ISTRATIVE CHANG A 43.103(b). OF: Copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a cation.	<i>Псе,</i>
(x) X E. IMP 14. DES Pu aut rec equ	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustment	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRAC C.) SET FORTH IN I INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be ma	THE CONTRAC URSUANT TO: (Specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH restion headings, ges-Cost Rei dification to p to Exhibit G, ct estimated c	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (Including mburs rovide In ac cost an	DESCRIBED SET FORTH IN IT e II (APR 1984 ISTRATIVE CHANG A 43.103(b). OF: Copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a	<i>Псе,</i>
(x) X E. IMP 14. DES Pu aut rec equ	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustment	IT MODIFIES PROER IS ISSUED PO INGES - COST-RE MBERED CONTRACT AC.) SET FORTH IN IT INTAL AGREEMENT Type of modification a tor X is not, is required DMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be ma	THE CONTRAC URSUANT TO: (Specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH restion headings, ges-Cost Rei dification to p to Exhibit G, ct estimated c	D. AS HANGES Itemat E ADMIN Y OF FAI HORITY (Including mburs rovide In ac cost an	DESCRIBED SET FORTH IN IT e II (APR 1984 ISTRATIVE CHANG A 43.103(b). OF: Copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub	IN ITEM IN 14 ARE M 4) ES (such as r subject mate the II," the oplication the Chai	14. AADE IN T. changes / ter where / e contra s devel nges C	HE CONTR In paying of feesible.) actor is lopment lause, a cation.	<i>Псе,</i>
(x) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify CORTANT: Contract CORTANT: CONTRACT CONTRACT CORTANT: CONTRACT CON	IT MODIFIES ROER IS ISSUED PO INTERED CONTRACT AND IN THE ISSUED PO INTAL AGREEMENT Type of modification a tor X is not, is required TOMENT/MODIFICAT ection I Clause rected by this c he IOG COTS ent may be maginal pollowing change	THE CONTRAC URSUANT TO: (Specify eimbursement (A TORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU and euthority) uired to sign this docu TON (Organized by UCF 52,243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH section headings, ges-Cost Rei diffication to p to Exhibit G, ct estimated co ade to the Co	D. AS HANGES E ADMINI Y OF FAI HORITY (HORITY (DESCRIBED SET FORTH IN IT I (APR 198 ISTRATIVE CHANG A 43.103(b). DF: copies to the issui solicitation/contrac- ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN 14 ARE M 4) ES (such as subject mat ite II," the oplication the Chai isequent	14. MADE IN T changes I ter where I e contra s devel modific	HE CONTR In paying of feasible.) actor is lopment lause, a cation.	η.
(x) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUK appropriation date, end C. THIS SUPPLEME D. OTHER (Specify CRTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustments cordingly, the for set provided herein, all the	IT MODIFIES PROER IS ISSUED PO INTERPORTACION MERED CONTRACION MERED CONTRACION INTAL AGREEMENT Type of modification a tor X is not, is required tor X is not, is n	THE CONTRAC URSUANT TO: (Specify eimbursement (A TORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU and euthority) uired to sign this docu TON (Organized by UCF 52,243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH section headings, ges-Cost Rei diffication to p to Exhibit G, ct estimated co ade to the Co	D. AS HANGES HANGES E ADMINI Y OF FAI HORITY	DESCRIBED SET FORTH IN IT I (APR 198 ISTRATIVE CHANG A 43.103(b). DF: copies to the issui solicitation/contrac- ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN ITEM IN 14 ARE N 4) ES (such as subject mat ite II," the oplication the Chai isequent	14. ADE IN T. changes / ter where / e contra s devel modific	HE CONTR In paying of feasible.) actor is lopment lause, a cation.	n and of
(x) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify CORTANT: Contract CORTANT: CONTRACT CONTRACT CORTANT: CONTRACT CON	IT MODIFIES PROER IS ISSUED PO INTERPORTACION MERED CONTRACION MERED CONTRACION INTAL AGREEMENT Type of modification a tor X is not, is required tor X is not, is n	THE CONTRAC URSUANT TO: (Specify eimbursement (A TORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU and euthority) uired to sign this docu TON (Organized by UCF 52,243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH section headings, ges-Cost Rei diffication to p to Exhibit G, ct estimated co ade to the Co	D. AS HANGES HANGES E ADMINI Y OF FAI HORITY	DESCRIBED SET FORTH IN IT I (APR 198 ISTRATIVE CHANG A 43.103(b). DF: copies to the issui solicitation/contrac- ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN ITEM IN 14 ARE N 4) ES (such as subject mat ite II," the oplication the Chai isequent	14. ADE IN T. changes / ter where / e contra s devel modific	HE CONTR In paying of feasible.) actor is lopment lause, a cation.	n and of
(x) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUK appropriation date, end C. THIS SUPPLEME D. OTHER (Specify CRTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustments cordingly, the for set provided herein, all the	IT MODIFIES PROER IS ISSUED PO INTERPORTACION MERED CONTRACION MERED CONTRACION INTAL AGREEMENT Type of modification a tor X is not, is required tor X is not, is n	THE CONTRAC URSUANT TO: (Specify eimbursement (A TORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU and euthority) uired to sign this docu TON (Organized by UCF 52,243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH O THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH rement and return section headings, ges-Cost Rei dification to p to Exhibit G. ct estimated c ade to the Co	D. AS HANGES ADMINI Y OF FAI HORITY HORITY MULLING IN ACCOUNT IN ACCOUNT INTACUNT IN ACCOUNT IN ACCOUNT IN ACCOUNT IN ACCOUNT IN ACCOUNT IN ACCOUNT IN ACC	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG A 43.103(b). OF: copies to the issui solicitation/contrac- ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN ITEM IN 14 ARE N 4) ES (such as resubject mathematic toplication the Chai isequent	14. ADE IN T. changes / ter where / e contra s devel modific	HE CONTR In paying of feasible.) actor is lopment lause, a cation.	n and of
(X) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify PORTANT: Contract SCRIPTION OF AMEN insuant to the Set thorized and dir quirements for the uitable adjustments for the uitable adjustments for the we and TITLE OF Site ME AND TITLE OF Site	IT MODIFIES PROER IS ISSUED PO INGES - COST-Re MBERED CONTRAC CONTRAC MERED CONTRAC INTAL AGREEMENT INTAL AGREEMENT I	THE CONTRAC URSUANT TO: (Specify eimbursement (A TORDER IS MODIFIED TEM 14, PURSUANT TO IS ENTERED INTO PU and euthority) uired to sign this docu TON (Organized by UCF 52,243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH rement and return section headings, ges—Cost Rei diffication to p to Exhibit G, ct estimated c ade to the Co	D. AS HANGES HANGES ADMINI Y OF FAI HORITY H	DESCRIBED SET FORTH IN IT I (APR 198 ISTRATIVE CHANG A 43.103(b). DF: copies to the issui solicitation/contrac- ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN ITEM IN 14 ARE N 4) ES (such as resubject math the Chain biplication the Chain biplication the Chai	14. ADE IN T. changes I ter where I e contra s devel nges Ci modific anged and FRCER (7)	HE CONTR In paying of feasible.) actor is lopment lause, a cation.	77 <i>ce</i> ,
(x) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUK appropriation date, end C. THIS SUPPLEME D. OTHER (Specify CRTANT: Contract SCRIPTION OF AMEN Insuant to the Set thorized and dir quirements for the uitable adjustments cordingly, the for set provided herein, all the	IT MODIFIES PROER IS ISSUED PO INGES - COST-Re MBERED CONTRAC CONTRAC MERED CONTRAC INTAL AGREEMENT INTAL AGREEMENT I	THE CONTRAC URSUANT TO: (specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH result of the Co diffication to p to Exhibit G. ct estimated c ade to the Co	D. AS HANGES HANGES ADMINI Y OF FAI HORITY H	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG A 43.103(b). OF: copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN ITEM IN 14 ARE N 4) ES (such as resubject math the Chain biplication the Chain biplication the Chai	14. ADE IN T. changes I ter where I e contra s devel nges Ci modific anged and FRCER (7)	HE CONTR In paying of feesible.) actor is lopment lause, a cation. in full force type or print 16C. DATE	77 <i>ce</i> ,
(X) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE O NO. IN ITEM 10A. 52.243-2 Chai B. THE ABOVE NUM appropriation date, e C. THIS SUPPLEME D. OTHER (Specify ORTANT: Contract SCRIPTION OF AMEN INSUANT to the Set thorized and dir quirements for t uitable adjustme cordingly, the for se provided herein, all to ME AND TITLE OF SE DNTRACTOR/OFFERO	IT MODIFIES PROER IS ISSUED PO INTERPORTACION MBERED CONTRACI CONTRACION INTAL AGREEMENT INTAL AGREEME	THE CONTRAC URSUANT TO: (specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C UG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH rement and return section headings, ges—Cost Rei diffication to p to Exhibit G, ct estimated c ade to the Co	D. AS HANGES HANGES E ADMINI Y OF FAI HORITY	DESCRIBED SET FORTH IN IT I (APR 198 ISTRATIVE CHANG A 43.103(b). DF: copies to the issue solicitation/contract ement Alterna support for ap cordance with d fee by a sub Schedule: TATES OF AMPRIC MUM	IN ITEM IN	14. ADE IN T. changes I ter where I e contra s devel nges Ci modific anged and FRCER (7)	HE CONTR In paying of feesible.) actor is lopment lause, a cation.	77 <i>ce</i> ,
(x) X E. IMP 14. DES Pu aut rec equ Ac	13. A. THIS CHANGE C NO. IN ITEM 10A. 52.243-2 Chain B. THE ABOVE NUM appropriation date, end C. THIS SUPPLEME D. OTHER (Specify PORTANT: Contract SCRIPTION OF AMEN insuant to the Set thorized and dir quirements for the uitable adjustments for the uitable adjustments for the we and time of set the contingly, the formation of the set of the set the contingly, the formation of the the adjustments for the adjustments for the set of the set the contingly, the formation of the the adjustments for the set of the set the contingly of the formation of the set the adjustments for the adjustments for the adjustments for the set t	IT MODIFIES PROER IS ISSUED PO INTERPORTACION MBERED CONTRACI CONTRACION INTAL AGREEMENT INTAL AGREEME	THE CONTRAC URSUANT TO: (specify eimbursement (A T/ORDER IS MODIFIED TEM 14, PURSUANT TO TIS ENTERED INTO PU and authority) uired to sign this docu TON (Organized by UCF 52.243-2 "Chang change order mod Database added ade to the contract es are hereby ma	T/ORDER No authority) THE C AUG 1987) A TO REFLECT TH D THE AUTHORIT RSUANT TO AUTH RSUANT TO AUTH result of the Co diffication to p to Exhibit G. ct estimated c ade to the Co	D. AS HANGES HANGES E ADMINI Y OF FAI HORITY	DESCRIBED SET FORTH IN IT ISTRATIVE CHANG A 43.103(b). OF: copies to the issui solicitation/contract ement Alterna support for ap cordance with d fee by a sub Schedule:	IN ITEM IN	14. AADE IN T. changes / ter where / a contra s devel modific modific	HE CONTR In paying of feasible.) actor is lopment lause, a cation. in full force ype or print 16C. DATE FEB	n and off SIGNE 2 9

ł.

A. Exhibit A, Statement of Work, Paragraph 8. is hereby changed by adding the following:

"IOG COTS Database

A performance-based Job Description Document (JDD) including performance metrics is included in Exhibit G."

B. Exhibit G is hereby changed by adding the GMG001 JJD as shown below:

"Assignment of Job Description Documents:

JDD No.	Description	Effective Date
GMG001	IOG COTS Database	3-1-96"

CONTRACT TABULATION

	Estimated Cost	Award Fee	CPAF	Funding
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	0	0	0	25,000
Mod. 2	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	\$3,521,900	\$201,700	\$3,723,600	\$525,000

Funding includes \$507,420 for cost and \$17,580 for fee.

Page 2 of 4 NAS1-20650 Modification No. 2

(

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # GMG001.00

Title: Development of an IOG COTS Database for Use in Managing Work by Product Line.

LaRC Point of Contact: Fred Moore, Branch Head Of MISB/ISSD Mail Stop 179 Phone 4-3241

Scope: The IOG COTS Database will be developed in modules which contain data and information that are related to each IOG management process. The database will be developed in two phases with this JDD covering only the first phase. The first phase will consist of creating a rapid prototype of the Budget and Workforce/Workload processes. During this phase, development will take full advantage of existing technologies, Center MIS applications, and existing data. The development must adapt to the evolving IOG COTS Database requirements as the processes are defined. IOG has created a core set of IOG users whose function it is to provide feedback to the development group on overall usability of the system. This approach allows a database to be created very quickly (one that that meets user expectations with the flexibility for accommodating change) using minimal resources resulting in the delivery of a system based on an aggressive schedule.

General Requirements: Provide Support for all programming, documentation, and implementation on a 4D/Sybase client server environment.

Specific Requirements: The database development activity is based on rapid prototyping and will be available for review by IOG personnel as it evolves. The results of the prototype will be used as the model in the design of a productional system. During the development, changes in the requirements are expected and will be assessed by the NCI and IOG COTS DB team (ICDBT) to determine significance of changes.

1. Requirement: Design, develop, and implement applications required for protoype development of the workforce/workload and budget modules of the IOG COTS DB.

Metric:

 Prototype that performs estimating, planning and status functions as identified by Core team requirements and is accessible Center-wide to the ICDBT and prototype users.

£.

i

2. Requirement: Design and implement files, on a Sybase DBMS, as required to support the Workforce/Workload and Budget prototype modules.

Metric:

.

• File structure is dynamic enough to be modified and presented with results available within 24 hours.

11

•••.

-

ĺ

Milestones:

۰.

1. Demonstration of the prototype for the Budget and WF/WL modules. (3/24/96)

2. Final acceptance of functionality of the rapid prototype by ICDBT. (3/29/96)

		(
			0	MB A	pproval #: 2700-04 2 1, CONTRACT ID CODE	PAGE OF PAGE	s
A NA F	ENDMENT OF SOLICITATION		ONTRAC	ст	I. CUNTRACT ID CODE		2
	ENDMENTMODIFICATION NO.	3. EFFECTIVE DATE	4. REOL	JISITK	NVPURCHASE REQ. NO.	5. PROJECT NO. (If appli	cable)
	3	Barra a 🖉 🖉 🖓			550 BV /M		
5. ISS	SUED BY CODE	L		NISTE	RED BY (If other than item 6)		
_		A destatements -	1				
	lational Aeronautics and Space	Administration					
	angley Research Center						
н	lampton, VA 23681-0001						
. NAI	ME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip C	code)	(x)	SA. AMENDMENT OF SOLIC	TATION NO.	
	·		Г				
N	ICI Information Systems, Inc.	•		l			
	260 Greensboro Drive, Suite		{	[98. DATED (SEE ITEM 11)		
	AcLean, VA 22102		{	[
14	and a second		ſ	-1	10A. MODIFICATION OF CO	NTRACT/ORDER NO.	
			1	×	NAS1-20650	· · · · · · · · · · · · · · · · · · ·	<u> </u>
					108. DATED (SEE ITEM 13)		
ODE		UTY CODE			2/1/96	NS	
		M ONLY APPLIES TO				I I I I I I I I I I	
_] •	The above numbered solicitation is amended must acknowledge receipt of this amendment	as set forth in Item 14. The hou	r and date spe	cified	for receipt of Offers is e	ndended, is not extended	e d.
irtue o eleren 2. AC	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (isan Page 2	ter already submitted, such chan id is received prior to the opening (If required)	pe may be ma hour and dat	ede by	telegram or letter, provided ea ified.		. If by
rtue o eleren 2. AC	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (See Page 2. 13. THIS ITEM AP	for already submitted, such chan id is received prior to the opening if required) PLIES ONLY TO MOI THE CONTRACT/ORI	DIFICATIO		telegram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM	ch telegram or letter makes RDERS, 14.	
2. AC	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (See Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	ier already submitted, such chain id is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify euthorit)	DIFICATIO	ONS AS [IGES :	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF	
intue c eferen 2. AC S (X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (idee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	if a life ady submitted, such chain id is received prior to the opening (If required) PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify suthorf) (ORDER IS MODIFIED TO REF TEM 14, PURSUANT TO THE AU	DIFICATIO	ONS AS [GES S	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b).	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF	
intue c eferen 2. AC S (X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	if a life ady submitted, such chain id is received prior to the opening (If required) PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify suthorf) (ORDER IS MODIFIED TO REF TEM 14, PURSUANT TO THE AU	DIFICATIO	ONS AS [GES S	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b).	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF	
intue c eferen 2. AC S (X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I	If a life ady submitted, such chain id is received prior to the opening (If required) PPLIES ONLY TO MOUTHE THE CONTRACT/ORE RSUANT TO: (Specify suthority WORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT	DIFICATIO	ONS AS [GES S	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b).	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF	
(x)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at	for already submitted, such chain id is received prior to the opening (/ required) PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority /ORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT ind authority)	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL	ONS AS I IGES S DMINIS F FAR	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F:	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF	
(x)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at	The already submitted, such chain d is received prior to the opening PLIES ONLY TO MOUTHE CONTRACT/ORE RSUANT TO: (Specify authority RSUANT TO: (Specify authority) RSUANT TO: TO THE AL IS ENTERED INTO PURSUANT and authority)	DIFICATION DER NO. / THE CHAN	ONS AS L IGES S OMINIS F FAR BTY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F:	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office.	
(x)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification an PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENTALODIFICATION	If a life ady submitted, such chan is received prior to the opening PLIES ONLY TO MOI THE CONTRACT/ORL ISSUANT TO: (Specify authority) WORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IN authority) irred to sign this document and ON (Organized by UCF section)	DIFICATIO	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF s changes in paying office.	
(X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION	If a life ady submitted, such chain is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority YORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IS ENTERED INTO PURSUANT authority) ired to sign this document and ON (Organized by UCF section is is to add incremental fi	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL THORITY OF TO AUTHOR d return headings, inch	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF s changes in paying office.	
(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification an PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENTALODIFICATION	If a life ady submitted, such chain is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority YORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IS ENTERED INTO PURSUANT authority) ired to sign this document and ON (Organized by UCF section is is to add incremental fi	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL THORITY OF TO AUTHOR d return headings, inch	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF s changes in paying office.	
(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION	If a life ady submitted, such chain is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority YORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IS ENTERED INTO PURSUANT authority) ired to sign this document and ON (Organized by UCF section is is to add incremental fi	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL THORITY OF TO AUTHOR d return headings, inch	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. ther where feasible.) the Contract Funding	RDER
(X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION	If a life ady submitted, such chain is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority YORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IS ENTERED INTO PURSUANT authority) ired to sign this document and ON (Organized by UCF section is is to add incremental fi	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL THORITY OF TO AUTHOR d return headings, inch	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF s changes in paying office.	RDER
(X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION	If a life ady submitted, such chain is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority YORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IS ENTERED INTO PURSUANT authority) ired to sign this document and ON (Organized by UCF section is is to add incremental fi	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL THORITY OF TO AUTHOR d return headings, inch	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. ther where feasible.) the Contract Funding	RDER
(X)	of this amendment you desire to change an off nee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION	If a life ady submitted, such chain is received prior to the opening PPLIES ONLY TO MOI THE CONTRACT/ORE RSUANT TO: (Specify authority YORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT IS ENTERED INTO PURSUANT authority) ired to sign this document and ON (Organized by UCF section is is to add incremental fi	DIFICATIO DER NO. 7 7 THE CHAN LECT THE AL THORITY OF TO AUTHOR d return headings, inch	ONS AS L IGES S DMINIS F FAR STY O	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject mail	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. ther where feasible.) the Contract Funding	RDER
ILLE C	of this amendment you desire to change an of hee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (isee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is requ ESCRIPTION OF AMENDMENTMODIFICATION he purpose of this modification is ause. Accordingly, the following	If a life ady submitted, such chan id is received prior to the opening PLIES ONLY TO MOI THE CONTRACT/ORL RSUANT TO: (Specify authority) VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT Ind authority) irred to sign this document and ON (Organized by UCF section I is to add incremental fill g change is hereby ma	DIFICATIO	ONS AS I GES S MINIS F FAR TTY O	telegram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. isolicitation/contract subject mail contract pursuant to th	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. ther where feasible.) the Contract Funding	RDER
(x) (x) (x) (x) (x) (x) (x) (x)	of this amendment you desire to change an of hee to the solicitation and this amendment, an COUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is requires SCRIPTION OF AMENDMENT/MODIFICATION he purpose of this modification is lause. Accordingly, the following as provided herein, all terms and conditions of	If a received prior to the opening if required) PLIES ONLY TO MOUTHE CONTRACT/ORL RSUANT TO: (Specify authority) RSUANT TO:	DIFICATIO	ONS AS I GES S DMINIS FAR STY O	telegram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. isolicitation/contract subject mail contract pursuant to th	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. Ther where feasible.) The Contract Funding hanged and in full force and eff	RDER
(x) (x) (x) (x) (x) (x) (x) (x)	of this amendment you desire to change an of hee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (isee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is requ ESCRIPTION OF AMENDMENTMODIFICATION he purpose of this modification is ause. Accordingly, the following	If a received prior to the opening if required) PLIES ONLY TO MOUTHE CONTRACT/ORL RSUANT TO: (Specify authority) RSUANT TO:	DIFICATIO	ONS AS I GES S DMINIS FAR STY O	tologram or letter, provided ea- ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. solicitation/contract subject mai contract pursuant to th	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. Ther where feasible.) The Contract Funding hanged and in full force and eff	RDER
(x) (x) (x) (x) (x) (x) (x) (x) (x) (x)	of this amendment you desire to change an of hee to the solicitation and this amendment, an COUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is requires SCRIPTION OF AMENDMENT/MODIFICATION he purpose of this modification is lause. Accordingly, the following as provided herein, all terms and conditions of	If a received prior to the opening if required) PLIES ONLY TO MOUTHE CONTRACT/ORL RSUANT TO: (Specify authority) RSUANT TO:	DIFICATIO	ONS ONS AS I KGES S CMINIS F FAR RTY O C Uding 4 the (tologram or letter, provided ea- ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. noticitation/contract subject main contract pursuant to th etofore changed, remains unch TITLE OF CONTRACTING OF	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. Ther where feasible.) The Contract Funding hanged and in full force and eff FFICER (Type or print)	RDER
(x) (x) (x) (x) (x) (x) (x) (x) (x) (x)	of this amendment you desire to change an of hee to the solicitation and this amendment, an COUNTING AND APPROPRIATION DATA (iee Page 2. 13. THIS ITEM AF IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is requires SCRIPTION OF AMENDMENT/MODIFICATION he purpose of this modification is lause. Accordingly, the following as provided herein, all terms and conditions of	If a received prior to the opening if required) PLIES ONLY TO MOUTHE CONTRACT/ORL RSUANT TO: (Specify authority) RSUANT TO:	DIFICATIO	ONS ONS AS I GES S GES S TAR STY O C Uding 4 Uding 4 S S S S C C C C C C C C C C C C C C C	tologram or letter, provided ea- ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43,103(b). F: opies to the issuing office. solicitation/contract subject mai contract pursuant to th	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. Ther where feasible.) The Contract Funding hanged and in full force and eff	RDER
(x) (x) (x) (x) (x) (x) (x) (x)	of this amendment you desire to change an of hee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (isee Page 2. 13. THIS ITEM AP IT MODIFIES ' A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION he purpose of this modification is lause. Accordingly, the following as provided herein, all terms and conditions of UME AND TITLE OF SIGNER (Type or print)	If a received prior to the opening if required) PLIES ONLY TO MOI THE CONTRACT/ORL RSUANT TO: (Specify authority) WORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT Ind authority) irred to sign this document and ON (Organized by UCF section I is to add incremental fi g change is hereby ma	DIFICATIO	ONS ONS AS I GES S GES S TAR STY O C Uding 4 Uding 4 S S S S C C C C C C C C C C C C C C C	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43.103(b). F: opies to the issuing office. solicitation/contract subject main contract pursuant to th contract pursuant to th elofore changed, remains unch TITLE OF CONTRACTING OF YN A. WELLS	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. Ther where feasible.) The Contract Funding hanged and in full force and eff FFICER (Type or print)	RDER
(X)	of this amendment you desire to change an of hee to the solicitation and this amendment, an CCOUNTING AND APPROPRIATION DATA (isee Page 2. 13. THIS ITEM AP IT MODIFIES ' A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification at PORTANT: Contractor X is not, is require SCRIPTION OF AMENDMENT/MODIFICATION he purpose of this modification is lause. Accordingly, the following as provided herein, all terms and conditions of UME AND TITLE OF SIGNER (Type or print)	If a received prior to the opening if required) PLIES ONLY TO MOI THE CONTRACT/ORL RSUANT TO: (Specify authority) WORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL IS ENTERED INTO PURSUANT Ind authority) irred to sign this document and ON (Organized by UCF section I is to add incremental fi g change is hereby ma	DIFICATIO	ONS AS L ONS AS L GES S F FAR UNINESS F FAR TTY O C C C MINESS F S TTY O C C C C C C C C C C C C C C C C C C C	tologram or letter, provided ear ified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE N STRATIVE CHANGES (such as 43.103(b). F: opies to the issuing office. solicitation/contract subject main contract pursuant to th contract pursuant to th elofore changed, remains unch TITLE OF CONTRACTING OF YN A. WELLS	ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT OF a changes in paying office. Ther where feasible.) The Contract Funding hanged and in full force and eff FFICER (Type or print)	RDER

ì

A. Incremental funding in the amount of \$146,000 for cost and \$4,000 for fee has been added to Section B, B-3, Contract Funding and is shown below:

1

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$654,150. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through March 31, 1996.

(b) An additional amount of \$20,850 is obligated under this contract for payment of fee."

**********	*******	****************		*************************
		CONTRACT T	ABULATION	

	Estimated Cost	Award Fee	CPAF	<u>Funding*</u>
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	· 0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	<u>150,000</u>
Total	\$3,521,900	\$201,700	\$3,723,600	\$675,000

*Funding includes \$654,150 for cost and \$20,850 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u></u>	RTR	AMOUNT	<u>STATUS</u>
GMG.1331	A5160	28230020400	\$150,000	Complete

Page 2 of 2 NAS1-20650 Modification No. 3

			pproval #: 27)42	
AMENDMENT OF SOLICITATION	MODIFICATION OF C	ONTRACT	1. CONTRACT IL CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 4	3. EFFECTIVE DATE MAR 1 4 1996	4. REQUISITI	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than item 6)	CODE
National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001	e Administration			L <u></u>
8. NAME AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip Co	de) (x)	SA. AMENDMENT OF SOLIC	ITATION NO.
NCI Information Systems, In 8260 Greensboro Drive, Sui McLean, VA 22102			98. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
	-	×	NAS1-20650	
CODE			108. DATED (SEE ITEM 13)	
	EM ONLY APPLIES TO	AMENDME	2/1/96	NS
The above numbered solicitation is amend				extended, is not extended.
	a reference to the solicitation and ar PT OF OFFERS PRIOR TO THE H offer already submitted, such chang and is received prior to the opening A (If required) APPLIES ONLY TO MOE S THE CONTRACT/ORD PURSUANT TO: (Specify authority) Reimbursement (AUG 19 ACT/ORDER IS MODIFIED TO REFI H ITEM 14, PURSUANT TO THE AL VT IS ENTERED INTO PURSUANT	DIFICATION DER NO. AS DER NO. AS THE CHANGES (1) Alternal LECT THE ADMIN THORITY OF FA	rs. FAILURE OF YOUR ACKNC SPECIFIED MAY RESULT IN R by telegram or letter, provided ea ecified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) IISTRATIVE CHANGES (such a R 43.103(b).	DWLEDGEMENT TO BE RECEIVED EJECTION OF YOUR OFFER. If by ch telegram or letter makes RDERS, 14. MADE IN THE CONTRACT ORDER
E. IMPORTANT: Contractor X is not, is re	equired to sign this document and	d return	copies to the issuing office.	
 14. DESCRIPTION OF AMENDMENT/MODIFIC Pursuant to the Section I Claus authorized and directed by this as noted below. In accordance estimated cost and fee by a su incremental funding is allotted Accordingly, the following char Schedule: Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or port 15B. CONTRACTOR/OFFEROR 	se 52.243-2 "ChangesC change order modification with the Changes Claus bsequent modification. C to the contract pursuant to nges are hereby made to	ost Reimbur on to implem e, an equital Corrections a to the Contract m SA or 10A, as 1 16A. NAME A CARC	sement Alternate II", the nent changes to the com- ble adjustment may be are hereby made to the act Funding clause.	ne contractor is ntract Statement of Work made to the contract cost and fee and changed and in full force and effect.
	ite. Dere signed	BY /	My 110	12 TOC. DATE SIGNED
(Signature of person authorized to sign)		1	gnature of Contracting Officer)	
NSN 7540-01-152-8070	30	-105	STAND	ARD FORM 30 (Rev. 10-83)

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

.

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243



- Exhibit G

1

Job Description Documents (JDD)

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # AF002.00

Title: Technology Assessment and Configuration Plan for the Office of Safety, Environment and Mission Assurance (OSEMA - JDD-002)

LaRC Point of Contact:	Charles E. Cockrell, Chief Engineer, OSEMA
-	Mail Stop 421
	Phone 864-3361

Scope

:

Conduct a Technology Assessment of the current OSEMA hardware, software, client server applications, and network system. The purpose of the Technology Assessment is to: (1) Develop a comprehensive system Configuration Plan for the enhancement of the OSEMA computer system; and (2) recommend necessary COTS hardware and software as well as specific development applications to meet the particular needs of OSEMA in the areas of Safety, Mission Assurance, Security, and Environmental Compliance.

General Requirements

- 1. Completion of the Technology Assessment subsequent to acceptance of the proposal.
- 2. Documentation of the current OSEMA computer hardware, software, and network environment.
- 3. Development of a comprehensive MIS System Configuration Plan for a OSEMA Management Information System.
- 4. Recommendations for computer hardware, software, and network potentials that unify and automate activities of OSEMA personnel.

Specific Requirements

The technology assessment and Configuration Plan will:

1. Document the current OSEMA computer hardware, software, and network environment.

- . .

2. Propose future computer hardware, software, and network potentials that unify and automate activities of OSEMA personnel. The proposed computer hardware, software, and network must provide:

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # AF003.00

- **Title:** Error correction and enhancement to OSEMA Budget Application Module (OSEMA-JDD-003)
- LaRC Point of Contact: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 4-3361
- Scope: Provide necessary programming support to add full agreed to functionally to the OSEMA Budget Application Module.
- **General Requirements:** Correct errors in current version of the Budget Application Module, provide enhancements necessary to provide full functionally as agreed to and documented by Barbara Massey, and provide updated documentation and training for users.
- Specific Requirements: The specific changes/enhancements necessary to complete this task are listed below:

1. Requirement:

- Budget detail report must be corrected to display correct values.
- Errors must be eliminated from the Summary Budget by Fund Source.
- Account totals in Budget Activities must be revised to assure they are calculated correctly.
- Budget versus actuals report not calculating "remaining" correctly and must be revised.
- Budget versus Actuals PYTD Obligations figure is incorrect and must be corrected.
- Save and Save/New Button in Budget Activities should be pop-up window.
- Budget Detail by Funding Source should be tested for correctness.
- Budget Activities needs Print of Worksheet line item summary.
- PR search should allow search of organization or specific PR.
- Credit Cards do not carry total inclusive of shipping and handling and should be corrected.
- Provide capability for entire Line Item Worksheet comment to print out.
- Associate the Job Order at the Line Item Worksheet Level.
- Provide the capability to enter the Job Order associated with the PR when associating a PR to the worksheet.
- Make the following changes to worksheet titles.
 - Remove OSEMA from all screens.
 - Change "Create Projected Expenditure Worksheet" to "Create
 Line Item Worksheet."
 - Change "Display Projected Expenditures Worksheet" to "Display Line Item Worksheet."
 - Change "Modify Expenditures Worksheet" to "Modify Line Item Worksheet."

- Create an additional RTR Budget Limit table in the Budget Administration area to control the allocation of funds to Job Orders and ensure that RTR allocation is not exceeded. Include the following fields
 - FY
 - Org. Code
 - RTR
- RTR Amount
- On entry or modification of the TOTAMT field in the JobOrders Table validate that the total RTR amount for that RTR has not been exceeded.
- When entering or modifying Job Order/RTR data on the Line Item Worksheet perform the following validations:
 - Total Job Order/RTR Budgeted Amount has not been exceeded.
 - RTR amount for the organization has not been exceeded.
 - Total RTR amount has not been exceeded.
- When entering a PR on the Line Item Worksheet or through the Purchase Request Option of the Expenditures menu, perform the following RTR validations:
 - PR estimated amount does not cause the RTR budgeted amount for the worksheet to be exceeded.
 - PR estimated amount does not cause the RTR budgeted amount for the organization to be exceeded.
- Change the Budget versus Actuals report to include budget data at the Line Item Worksheet level.
- Provide the capability to view a list of the Work Requests associated to the Line Item Worksheet from the Worksheet Area.
- Provide the capability to identify the Job Order associated with a Work Request.

Metric:

- Delivery of a final Budget Application Module with the full functionally listed above integrated into the existing capabilities.
- Completion of all work within the original schedule and cost.

2. Requirement:

Install final application on the OSEMA server and assure full functionally during operation.

Metric:

Demonstration of performance

3. Requirement:

Conduct training session for users of the system in OSEMA

Metric:

 Hold training session for OSEMA personnel within two weeks of installation of updated budget application on the OSEMA server (Requirement 2). Job Description Document for BAMIS Contract (NAS1-20650)

JDD# HA001.00

Title: Integrated Financial Management Program (IFMP)

NASA/LaRC Technical Monitor: Carmen Torres-Nisbet Mailstop 179 4-6332

Scope: IFMP is tasked to replace portions of the business and administrative systems at each NASA Center with COTS. Each Center is responsible for preparing for the implementation of the Core Financial COTS scheduled for 10/1/97. To support this effort, the contractor shall provide technical support, consulting, and coordination to ensure orderly implementation, integration, and operation of application system software. All of the tasks for this implementation have not been fully depicted. The tasks identification will evolve over the course of this effort. Once the tasks are defined, the JDD will be amended.

1. Performance Requirements: Develop a LaRC Data Conversion Plan (DCPD) which coincides with the direction and schedule contained within the Agency Data Conversion Approach Document of February 1996.

Metric:

- Timely submittal of the LaRC Data Conversion Plan Document in accordance with Headquarters directed date.
- Tasks identified
- Tasks defined
- Roles and responsibilities identified
- Schedule development in accordance with Headquarters directed dates that are specified in the DCPD.

2. Performance Requirements: Develop a LaRC Data Dictionary as defined within the Agency Data Conversion Approach Document of February 1996.

Metric:

- Reliability of the data store for the dictionary selected
- Accuracy of the data dictionary information
- Ability to accurately produce the required information identified in the IFMP Data Conversion Approach Document

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # 1001.00

Title: HSR Management Information System Modifications For PCD II

LaRC Point of Contact: Ginger Cordle, HSRPO Mail Stop 131 Phone 4-2915

- Scope: Provide application programming support for the HSR Management Information System (MIS) by performing each of the requirements listed below. Each requirement will be measured quarterly throughout the work order performance period as it relates to the quantity, timeliness and quality of the work performed.
- General Requirements: Modify the existing HSR MIS to include financial and work force plans from Planning and Control Documents II (PCD II).

Specific Requirements:

1. Requirement: Modify the database structure to include PCD I and PCD II data elements in Work Breakdown Structure (WBS) format (Milestone #1).

Metric:

- System can store PCD I and PCD II financial and work force data in WBS format.
- 2. Requirement: Input PCD I and PCD II Xwalk data as detailed by HSR POC. Xwalk directs how to collect actuals based on the Agency Wide Coding Structure (AWCS). Modify system to refer to Xwalks when calculating financial and work force RTR/RTOP element data (Milestone #2).

Metric:

- Accurate display of PCD I and PCD II data when Xwalks are used.
- Queries accessing Xwalk, should not exceed a 15 second system response threshold.
- 3. Requirement: Provide an interface to allow for manual entry and/or update of PCD II plans as needed. Provide a user controlled interface that will open and lock the system to updates at the individual level. Continue to support the current ftp process to gather work force and financial data from other NASA centers. The RTOP view will use the Center's POP plans and the WBS view will use the PCD II plans. Output data in both graphical format and an Excel importable format. (Milestone #3).

Milestones:

1. 3/15/96 PCD I and PCD II actual and work force data in MIS.

1

- 2. 3/15/96 PCD I and PCD II Xwalks. (highest priority)
- 3. 3/15/96 Manual input and update of PCD II plans.
- 4. 3/15/96 Calculate PCD II data. (highest priority)
- 5. 3/15/96 PCD II reporting.
- 6. 3/31/96 PCD II report printing.

				ON	AB /	Approval #: 2700-0042				
					1. CONTRACT ID CODE					FPAGES
	MENDMENT OF SOLICITATION/MODIFICATION OF C				Т			1		7
2. AM	ENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. 5. PROJ				PROJE	CT NO.	(If applicable)
6 155	UED BY	CODE	AFR 0 6 1990		HCT	ERED BY (If other than Item 6)		CODE		·····
0. 100		CODE			101			0000	L	
L	lational Aeronautics and angley Research Cente lampton, VA 23681-00	r	Administration							
8. NA	ME AND ADDRESS OF CONTRA	CTOR (No.	, street, county, State, and Zip Cod	e)	(X)	SA. AMENDMENT OF SOLICI	TAT	ION NO.		
	ICI Information Syste									
	260 Greensboro Driv	e, Suite	400			98. DATED (SEE ITEM 11)				
N	IcLean, VA 22102									
				Г		10A. MODIFICATION OF CON	ITR/	CT/ORD	ER NC).
					x	NAS1-20650				
		•.				108. DATED (SEE ITEM 13)				
CODE		FACIL	JTY CODE			2/1/96				
	11. T	HIS ITE	M ONLY APPLIES TO A	MENDM	IEN	ITS OF SOLICITATION	٩S			
Offers (a) By c (c) By s AT THI virtue o	must acknowledge receipt of this completing Items 8 and 15, and re eparate letter or telegram which i E PLACE DESIGNATED FOR TH (this amendment you desire to ch	amendment turning ncludes a re E RECEIPT lange an off	as set forth in item 14. The hour an prior to the hour and date specified copies of the amendment; (b) By ference to the solicitation and ame OF OFFERS PRIOR TO THE HOU or already submitted, such change I is received prior to the opening ho	i in the solic acknowledge ndment nun JR AND DA may be mad	itatic ping nbon TE S le by	on or as amended, by one of the f receipt of this amendment on ear s. FAILURE OF YOUR ACKNOV SPECIFIED MAY RESULT IN REJ y telegram or letter, provided each	ollov ch cu VLEI JEC1	ving methopy of the DGEMEN	ods: offer si IT TO E YOUR	OFFER. If by
	COUNTING AND APPROPRIATI				she					
S	ee Page 2.	•								
	13. THIS I	TEM AP	PLIES ONLY TO MODIF	FICATIO	NS	OF CONTRACTS/OR	DE	RS,		
			HE CONTRACT/ORDE							
(X)	A. THIS CHANGE ORDER IS IN NO. IN ITEM 104.	SSUED PUP	RSUANT TO: (Specify authority) T	HE CHANG	ES :	SET FORTH IN ITEM 14 ARE M	DE	IN THE C	ONTR	ACT ORDER
X	52.243-2 Changes - C	Cost-Reir	nbursement (AUG 1987	7) Altern	ate	e II (APR 1984)				
	B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC	ONTRACT/	ORDER IS MODIFIED TO REFLEC M 14, PURSUANT TO THE AUTH	T THE ADA	AINIS FAR	STRATIVE CHANGES (such as a 43.103(b).	han	jes in paj	ving off	ic e ,
	C. THIS SUPPLEMENTAL AGE	REEMENT	SENTERED INTO PURSUANT TO	AUTHORI	ΥC	XF:		·		<u></u>
	D. OTHER (Specify type of mod	dification an	d authority)							
E IMP	ORTANT Contractor Y in	ie nami	ed to sign this document and re			aning to the incuing office				
14. DE	SCRIPTION OF AMENDMENT/M		ed to sign this document and re N (Organized by UCF section head	dings, includ	ing :	copies to the issuing office. solicitation/contract subject matte	r wh	ere feasil	xe.)	
Pr	Insuant to the Section L	Clause 5	2 243-2 Changes_Cod	Daimh		ment Alternate U. the	<u></u>	atranta	r ie	

Pursuant to the Section I Clause 52.243-2 "Changes—Cost Reimbursement Alternate II", the contractor is authorized and directed by this change order modification to implement changes to the contract Statement of Work as noted below. In accordance with the Changes Clause, an equitable adjustment may be made to the contract estimated cost and fee by a subsequent modification. Incremental funding is allotted to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made to the Contract Schedule:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED AFR 0 2 1996 BY (Signature of person authorized to sign) (Signature of Contracting Officer) NSN 7540-01-152-8070 30-105 STANDARD FORM 30 (Rev. 10-83) PREVIOUS EDITION UNUSABLE Prescribed by GSA FAR (48 CFR) 53.243

ł

i

A. Exhibit A, Statement of Work, Paragraph 8. is hereby changed as shown below by adding the following:

-Credit Card Reconciliation System

Performance-based Job Description Documents (JDD's) including performance metrics are included in Exhibit G."

B. Exhibit G is hereby changed by adding the above JDD and is attached hereto.

C. Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is provisionally increased by \$20,000 from \$760,420 to 780,420 and is restated as follows:

"B.3, CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$780,420. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through April 7, 1996.

(b) An additional amount of \$27,344 is obligated under this contract for payment of fee."

**********	CONTRACT TABULATION							
	Estimated Cost	Award Fee	CPAF	Funding				
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000				
Mod. 1	• 0	0	0	25,000				
Mod. 2	0	0	0	0				
Mod. 3	0	0	0	150,000				
Mod. 4	0	0	0	100,000				
Mod. 5	31,500	1,264	32,764	12,764				
Mod. 6	0	0	0	20,000				
Total	\$3,553,400	\$202,964	\$3,756,364	\$807,764.00				

Funding includes \$780,420 for cost and \$27,344 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u>JO</u>	RTR	AMOUNT	<u>STATUS</u>	JDD
HA.2034	R21321	50590850100	\$20,000	Complete	HA002.00

Page 2 of 7 NAS1-20650 Modification No. 6

Exhibit G

Job Description Documents (JDD)

- .

1

Job Description Document for BAMIS Contract NAS1-20650

JDD # HA002.00

Title: Credit Card Reconciliation System

LaRC Point of Contact:

James H. Ogiba, Chief, Financial Management Division Mail Stop 136 Phone 4-2075

Scope: This JDD provides for the development and implementation of processes to: electronically receive credit card statement data from Rocky Mountain Bank; allow credit card holders to reconcile the statements on a LaRC WEB page interface to a NETSCAPE browser accessing the Sybase on a RISC6000/390 hardware; process validated and expanded transactions from the DBMS into FMS via the existing batch transaction system. The contractor will provide technical support, consulting, training, and the coordination of the development and implementation of this on-line effort. Acceptance testing will be conducted by FMD and the develop on-line system must go against the test files.

General Requirements: Automate the credit card reconciliation process and entry of obligation and cost data into the Financial Management System.

Performance Requirement:

10

- Prepare the Functional Requirement Document that identifies the WWW software that will interface with the NETSCAPE browser and access the Sybase DBMS on the RISC6000/390 hardware platform; and, identifies FMD, AD, and LMO needs. Identify costs of the WWW software, DBMS, hardware platform, development, and training. Development will take place on the RISC6000/360 hardware platform. Present a schedule of tasks for the development of the reconciliation process. This document will be reviewed and approved by the Government prior to proceeding with development.
- Develop the credit card reconciliation on-line system.
- Demonstrate prototype modules to FMD prior to testing.
- Prepare a Training Plan document identifying how the training will take place (include but not limited to where, what type of equipment(s), the duration for the class) and a proposed schedule identifying the tasks necessary to conduct training.

• •

• Prepare a User Guide Document. The customer must be able to easily follow the instructions on how to use the on-line system using appropriate screen graphics.

- Provide training to FMD, card holders, approving officials and other designated personnel identified. Training will use the production system. Approximately 500 customers need to be trained.
- Acceptance testing will be conducted by FMD. The credit card reconciliation on-line system must conform to the Functional Requirement Document. If there are problems identified during testing, the SSC must be available to correct the problems when called upon.
- Documents will be developed under the AIM standards format.

Metric:

- Delivery of the Functional Requirements which identifies the FMD, AD, and LMO needs; provides the proposed schedule; provides the identification of costs for the WWW software, DBMS, hardware platform, development, and training; and is presented in the AIM standard format.
- Delivery of the Training Plan document which identifies the training; provides the proposed schedule; and is presented in the AIM standard format.
- Delivery of the User Guide document which explains the purpose of the user guide and provides step-by-step instructions using screen graphics.
- Training provides an overview presentation, presents the functionality of the on-line system using the User Guide, allows efficient time for questions and answers, and the capability for the customer to easily operate the on-line system and reconcile his bill.
- Testing the performance of the system during acceptance testing and the demonstrated conformance of the system to the approved Functional Requirements. Also the timeliness of the contractor's response to problem inquiries and the resolution to problems.
- Completion of all work within the original schedule and cost.

Milestones:

I

. ^

.

Draft Requirement Document	April 5, 1996
Final Requirement Document	April 10, 1996
Draft Training Plan Document	April 26, 1996
Final Training Plan Document	May 3, 1996
Draft User Guide Document	May 17, 1996
Final User Guide Document	May 24, 1996
Credit Card Reconciliation System installed and available for acceptance testing	May 28, 1996
Credit Card Reconciliation System installed and available for production use	May 31, 1996
Conduct User Training	June 3 - 14, 1996

• •

.

Assignment of Job Description Documents:

1.

JDD <u>#</u>	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
GMG001	IOG COTS Database	3-01-96
AF002	OSEMA Technology Assessment	3-12-96
AF003	OSEMA Budge Module Update	3-12-96
HA001	Integrated Financial Management Program	3-12-96
I001	HSR Management Information System PCD Mods	3-12-96
HA002	Credit Card Reconciliation System	4-02-96

			OMB	Approval #: 276 _42	
AME	NDMENT OF SOLICITATION		ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		I NON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	7	AFR		. <u></u>]
6. ISSU	JED BY CODE		7. ADMINIST	ERED BY (If other than Nem 6)	CODE
La	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	Administration			
8. NAN	A AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co.	de) (x)	SA. AMENDMENT OF SOLIC	ITATION NO.
N	CI Information Systems, Inc				
82	260 Greensboro Drive, Suite	e 400		9B. DATED (SEE ITEM 11)	
M	cLean, VA 22102				
				10A. MODIFICATION OF CO	NTRACT/ORDER NO.
			×	NAS1-20650	
				108. DATED (SEE ITEM 13)	
CODE				2/1/96	
	11. THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS
Г	he above numbered solicitation is amended	as set forth in Nem 14. The hour a	and date specifie	d for receipt of Offers is a	xtended, is not extended.
Offers r	nust acknowledge receipt of this amendmen	t prior to the hour and date specific	ed in the solicital	ion or as amended, by one of the	following methods:
(c) By s AT THE virtue of reference 12. AC	completing Items 8 and 15, and returning eparate letter or telegram which includes a r E PLACE DESIGNATED FOR THE RECEIPT (this amendment you desire to change an of ce to the solicitation and this amendment, and COUNTING AND APPROPRIATION DATA (DE Page 2.	eference to the solicitation and an OF OFFERS PRIOR TO THE HC Ter already submitted, such chang Id is received prior to the opening	endment numbe DUR AND DATE e may be made i	FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided each	JECTION OF YOUR OFFER. If by
	13. THIS ITEM AF	PLIES ONLY TO MOD	IFICATION	S OF CONTRACTS/OF	RDERS,
	IT MODIFIES	THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.
(x)	A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	RSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE N	ADE IN THE CONTRACT ORDER
Х	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	NORDER IS MODIFIED TO REFLI	ECT THE ADMIN	NISTRATIVE CHANGES (such as R 43.103(b).	changes in paying office,
	C. THIS SUPPLEMENTAL AGREEMENT				
	D. OTHER (Specify type of modification a	nd authority)			
E. IMF	PORTANT: Contractor X is not, is requ	lired to sign this document and	return	copies to the issuing office.	
14. DE	SCRIPTION OF AMENDMENT MODIFICATI	ON (Organized by UCF section he	eadings, Includin	g solicitation/contract subject mail	tter where feasible.)
	ne purpose of this modification			e contract pursuant to the	he Contract Funding
cla	ause. Accordingly, the followin	g change is hereby mad	le:		
		·.			
•					
	۹,				
Except	as provided herein, all terms and conditions	of the document referenced in Iten	n 9A or 10A, as i	neretofore changed, remains unch	nanged and in full force and effect.
	AME AND TITLE OF SIGNER (Type or print			ND TITLE OF CONTRACTING O	
			CARC	LYN A. WELLS	
158. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
			BY <u>an</u>	ship (11/21	
	(Signature of person authorized to sign)			gnature of Contracting Officer)	PD 50PM 30 (Pay 40 93)
	40-01-152-8070 DUS EDITION UNUSABLE	30-	105	S TANDA Prescribed	RD FORM 30 (Rev. 10-83) by GSA
					FR) 53.243

4

.

A. Incremental funding in the amount of \$270,000 for cost and \$15,000 for fee has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,038,920. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through April 30, 1996.

(b) An additional amount of \$41,080 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAE	Funding
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	. 0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	0	0	0	0
Mod. 6	0	0	0	20,000
Mod. 7	0	0	0	285,000
Total	\$3,521,900	\$201,700	\$3,723,600	\$1,080,000

Funding includes \$1,038,920 for cost and \$41,080 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	JO	RTR	AMOUNT	<u>STATUS</u>
GMG.1334	A5160	28230020400	\$285,000	Complete

						c	OMB A	pprov 2700-0042				
								1. CONTRACT ID COD	E	P	AGE C	FPAGES
	NDMENT OF SOLIC								<u> </u>	6 200 15	TNO	2
2. AME	NDMENT/MODIFICATION NO) .	APR	ECTIVE	PAIS	4. REC	UISITI	ON/PURCHASE REQ. NO	·	J. PROJEC	JINU.	(Mapplicable)
6. ISSL		CODE		1 0	1000	7. ADN	INIST	ERED BY (If other than Iten	n 6)	CODE	T	
			L		<u> </u>	1					L	······
La	ational Aeronautics a ingley Research Cen ampton, VA 23681-0	ter	Admin	istratio	on							
8. NAM	E AND ADDRESS OF CONT	RACTOR (No.	, street, c	ounty, S	tate, and Zip Co	de)	(x)	SA. AMENDMENT OF S	OLICIT	ATION NO.		
N	CI Information Syst	tems, Inc										
82	260 Greensboro Dr	ive, Suite	e 400				Ì	98. DATED (SEE ITEM	11)			
М	cLean, VA 22102											
								10A. MODIFICATION O	FCON	TRACT/OR		0.
										_		
							X	NAS1-20650	4 131			
CODE	····	FAC	LITY CO	DE	·			2/1/96	,			
		1					ME	NTS OF SOLICITA	TION	IS		
Offers r (a) By c (c) By s AT THE	he above numbered solicitation nust acknowledge receipt of the completing items 8 and 15, and eparate letter or telegram whith PLACE DESIGNATED FOR If this amendment you desire to	his amendmen d returning ch includes a i THE RECEIP	t prior to t copies reference T OF OFF	the hour s of the a to the so TERS PR	and date specifi mendment; (b) licitation and an IOR TO THE H	ed in the se By acknow nendment (DUR AND	olicitati ledginç numbe DATE	ion or as amended, by one g receipt of this amendmen rs. FAILURE OF YOUR A SPECIFIED MAY RESULT	of the fo t on eac CRNOV	ch copy of th VLEDGEME IECTION OF	ihods: e offer NT TO = YOUF	BE RECEIVED
referen	ce to the solicitation and this a	imendment, ai	nd is recei	ived prio	to the opening	hour and d	ate sp	ecified.				
	COUNTING AND APPROPRI	ATION DATA	(If require	d)								
		SITEM A			Y TO MOD	IFICAT	ION	S OF CONTRACT	S/OR	DERS.		
	IT M	IODIFIES	THE C	ONTE	RACT/ORD	ER NO	. AS	DESCRIBED IN IT	EM 1	14.		
(x)	A. THIS CHANGE ORDER NO. IN ITEM 10A.	IS ISSUED PL	JRSUANT	TO: (S	pecify authority)	THE CH	WGES	SET FORTH IN ITEM 14	ARE M	ADE IN THE	CONT	RACT ORDER
	B. THE ABOVE NUMBERE appropriation date, etc.) SE	T FORTH IN I	TEM 14, P	PURSUA	NT TO THE AU	THORITY	OF FA	R 43,103(b).	uch as (changes in p	baying (office,
X	C. THIS SUPPLEMENTAL 52.243-2 Changes											
	D. OTHER (Specify type of	modification a	nd autho	rity)	. —							
E 1M	PORTANT: Contractor is r	not. X is requ	ired to ei	an this (ocument and	return	3	copies to the issuing of	fice.			<u></u>
14. DE	SCRIPTION OF AMENDMEN	TMODIFICAT	ION (Org	anized b	y UCF section h	eadings, in	_			er where fea	sible.)	
TI	he purpose of this mo ause for additional w	odification	is to p	rovide	e for a full a	nd equi	table	e adjustment pursu	ant to	the Cha	ange	5 5.

Accordingly, the following changes are hereby made to the Contract Schedule:

4

_

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 1SA. NAME AND TITLE OF SIGNER (Type or print) WILLIAM L. ANDERSON, EXECUTIVE V.P.

		CAROLYN A. WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA	16C. DATE SIGNED
alla seen	4/16/96	BY Cancerno - Wills	2.00 1 5 1935
(Signature of person authorized to sign)		(Signature/of Contracting Officer)	
NSN 7540-01-152-8070	30	5-105 STANDARD FO	RM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE		Prescribed by GS/	
		FAR (48 CFR) 53.	243

•

A. Section B., B.2, cost is hereby increased by \$92,033 from \$3,553,400 to \$3,645,433 and award fee is increased by \$3,693 from \$202,964 to \$206,657 and the award fee available for the first period is increased by \$3,693 from \$102,114 to \$105,807 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$3,645,433 exclusive of the award fee of \$206,657 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$3,852,090.

B. The award fee available for each evaluation period is as follows:

-	Period	Available Award Fee
February 1,	1996 - July 31, 1996	\$105,807

A. Incremental funding in the amount of \$68,037 for cost and \$2,689 for fee has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,118,457. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through April 30, 1996.

(b) An additional amount of \$45,033 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAF	Funding*
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	· 0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31,500	1,264	32,764	12,764
Mod. 6	0	. 0	0	20,000
Mod. 7	0	0	0	285,000
Mod. 8	92,033	3,693	95,726	70,726
Total	\$3,645,433	\$206,657	\$3,852,090	\$1,163,490

*Funding includes \$1,118,457 for cost and \$45,033 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	JO	RTR	AMOUNT	<u>STATUS</u>	JJD
GMG.1339	A5160	28230020400	\$70,726	Complete	GMG.001.00

Page 2 of 2 NAS1-20650 Modification No. 8

			OMB	Approval #: 2700-6.		
				1. CONTRACT ID CODE	PAGE	OF PAGES
	NDMENT OF SOLICITATIO			ION/PURCHASE REQ. NO.		6
2. AMI	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISI	KONPURCHASE REG. NO.	5. PROJECT NO	. (# 8 0011C8019)
6. ISS	JED BY COD	E	7. ADMINIST	ERED BY (If other than Item 5)	CODE	
L	ational Aeronautics and Spac angley Research Center ampton, VA 23681-0001	e Administration				
. NAM	A AND ADDRESS OF CONTRACTOR (io., street, county, State, and Zip Co	xde) (x)	BA. AMENDMENT OF SOLIC	ITATION NO.	
N	CI Information Systems, In	C				
	260 Greensboro Drive, Sui			98. DATED (SEE ITEM 11)		
	cLean, VA 22102	18 400				
10	CLEAN, VA 22102			104. MODIFICATION OF CONTRACT/ORDER NO.		
			×	NAS1-20650		
				10B. DATED (SEE ITEM 13)	·······	
ODE	FA	CILITY CODE		2/1/96		
	11. THIS IT	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS	
eferen 2. AC	this amendment you desire to change an ce to the solicitation and this amendment, COUNTING AND APPROPRIATION DATA ce Page 2.	and is received prior to the opening	hour and date sp	ecified.		
	IT MODIFIES	S THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.	
(x)	A. THIS CHANGE ORDER IS ISSUED INO. IN ITEM 104.	PURSUANT TO: (Specify authority)	THE CHANGES	S SET FORTH IN ITEM 14 ARE M	ADE IN THE CONTI	RACT ORDER
Χ_	X 52.243-2 Changes - Cost-Reimbursement (AUG 1987) Alternate II (APR 1984)					
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
	C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:		
	D. OTHER (Specify type of modification	and authority)			<u></u>	
IME	ORTANT: Contractor X is not, is re-	guired to sign this document and	return	copies to the issuing office.		
4. DE	SCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section h	eadings, includin	g solicitation/contract subject mail	ter where feasible.)	
au as es	thorized and directed by this noted below. In accordance timated cost and fee by a sub ontract Funding clause. Acco	change order modificatio with the Changes Clause psequent modification. Ir	n to implem e, an equitat icremental f	ent changes to the cont ole adjustment may be r unding is allotted to the	tract Statement made to the contract pursu	ontract
		۹.				
		a of the dominant referenced in Herri	- 94 or 104 or h	eretofore changed remains unch	anced and in full for	e and effect

Į

-

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		CAROLYN A.	WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF BY	1-1. Willer	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Co	ntracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105	STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

F. C. S. C.

.

A. Exhibit A, Statement of Work, Paragraph 8. is hereby changed as shown below by adding the following:

-NASA Automated Audit Management Systems Enhancements (OSEMA)

Performance-based Job Description Documents (JDD's) including performance metrics are included in Exhibit G."

B. Exhibit G is hereby changed by adding the above JDD and is attached hereto.

C. Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is provisionally increased by \$70,000 from \$1,118,457 to \$1,188,457 and is restated as follows:

"B.3, CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,188,457. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through April 30, 1996.

(b) An additional amount of \$45,033 is obligated under this contract for payment of fee."

CONTRACT TABUI ATION

	CONTRACT TADGEATION					
	Estimated Cost	Award Fee	CPAF	Funding		
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000		
Mod. 1	• 0	0	0	25,000		
Mod. 2	0	0	0	0		
Mod. 3	0	0	0	150,000		
Mod. 4	0	0	0	100,000		
Mod. 5	31,500	1,264	32,764	12,764		
Mod. 6	0	0	0	20,000		
Mod. 7	0	0	0	285,000		
Mod. 8`	92,033	3,693	95,726	70,726		
Mod. 9	0	0	0	70,000		
Total	\$3,645,433	\$206,657	\$3,852,090	\$1,233,490		

Funding includes \$1,188,457 for cost and \$45,033 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u> 10</u> '	RTR	AMOUNT	<u>STATUS</u>	JDD
AF.5375	R21142	32395010100	\$70,000	Partial	AF004.00

Page 2 of 6 NAS1-20650 Modification No. 9 Exhibit G

Job Description Documents (JDD)

Assignment of Job Description Documents:

4

-

JDD #	Description .	Effective Date
AF001	OSEMA Management Information System	2-06-96
GMG001	IOG COTS Database	2-29-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA	A) 4-10-96

JDD # AF004.00

Title: NASA Automated Audit Management System Enhancements (OSEMA)

LaRC Point of Contact:	Charles E. Cockrell, Chief Engineer, OSEMA
	Mail Stop 421
	Phone 864-3361

Scope

Provide necessary programming support along with required COTS hardware and software to cause the existing OSEMA SUN SparcStation 20 to operate as a server running all existing applications, as well as running the 4D version of the NASA Automated Audit Management System (NAAMS) under Sybase. Assure the availability of NAAMS to all NASA centers through appropriate network links and security measures.

General Requirements

Establish the OSEMA SUN SparcStation 20 as a server for both existing and future 4D applications running under Sybase. Access will have to be assured to all users accross network links. Users or potential users will reside with OSEMA facilities, across Langley, and with selected individuals at other NASA Field Centers and Headquarters. The first application to be migrated to the SUN SparcStation 20 will be the NAAMS. One of the concerns with the NAAMS database is the ability to safeguard the information. Attention should be paid not only to protection of the data on the database but also to the ability to protect it during transmission.

Specific Requirements

- 1. Develop a schedule and resource plan which defines the required COTS software and hardware along with a plan for minimul interuption of current applications.
- 2. Setup of SUN SparcStation 20 with appropriate COTS hardware and software in OSEMA server room.
- 3. Assure connection as a node on LaRCNET and availability of current applications making use of the SUN SparcStation 20.
- 4. Migration of the NAAMS from the current 4D server to the SUN Sparcstation 20.
- 5. Development of the NAAMS database under Sybase on the SUN SparcStation 20.

- 6. Development of appropriate security measures and network links to assure availability of the NAAMS database to all NASA Centers.
- 7. Provide necessary interfaces to the SUN SparcStation 20 applications through individual remote MAC, MS-DOS, or UNIX desktop units.

Metrics

- 1. Full functionality of all applications accross network from remote desktop equipment.
- 2. Formal presentation to OSEMA management of all findings and recommendations with a question and answer period to clarify any areas of confusion.
- 3. Completion of all work within the original schedule and cost.

Milestones

- 1. Completion of schedule and resource plan by May 1, 1996.
- 2. Monthly reports to OSEMA management on progress made according to schedule and resource plan.
- 3. Move the SUN SparcStation 20 to the OSEMA server room with all existing applications available accross the network by June 1, 1996.
- 4. Functional demonstration of NAAMS operating under Sybase from remote locations by August 1, 1996.

			OMB A	pproval #: 2700-0042	<u></u>
AMENDMENT OF SOLICITA	TIONAL		NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 10		EFFECTIVE DATE		ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY	CODE		7. ADMINISTERED BY (If other than Item 6) CODE		
National Aeronautics and S Langley Research Center Hampton, VA 23681-000	-	Iministration			
8. NAME AND ADDRESS OF CONTRAC	TOR (No., su	reet, county, State, and Zip Coo	<i>(</i> x)	9A. AMENDMENT OF SOLIC	TATION NO.
NCI Information System 8260 Greensboro Drive McLean, VA 22102		00		9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CO	NTRACI/ORDER NO.
			X	NAS1-20650 10B. DATED (SEE ITEM 13)	
CODE	FACILIT	YCODE		2/1/96	•
	ſ			NTS OF SOLICITATIO	NS
IT MOD	Iming cludes a refer RECEIPT OI ange an offer dment, and is IN DATA (If m EM APP DIFIES TH SUED PURS DONTRACT/O RTH IN ITEN EEMENT IS tiffcation and t, is require DDIFICATION ication is	copies of the amendment; (b) E rence to the solicitation and am FOFFERS PRIOR TO THE HC already submitted, such chang a received prior to the opening i equired) LIES ONLY TO MOD HE CONTRACT/ORD WANT TO: (Specify authority) RDER IS MODIFIED TO REFL A 14, PURSUANT TO THE AU ENTERED INTO PURSUANT authority) ed to sign this document and a (Organized by UCF section has to add incremental fu	By acknowledging tendment numbe DUR AND DATE e may be made b hour and date spi IFICATIONS ER NO. AS THE CHANGES ECT THE ADMIN THORITY OF FA TO AUTHORITY return eadings, including inding to the	receipt of this amendment on e rs. FAILURE OF YOUR ACKNC SPECIFIED MAY RESULT IN RE y telegram or letter, provided ea scified. S OF CONTRACTS/OI DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE I IISTRATIVE CHANGES (such as R 43.103(b). OF: copies to the issuing office. g solicitation/contract subject me	ach copy of the offer submitted; or WLEDGEMENT TO BE RECEIVED EJECTION OF YOUR OFFER. If by ch telegram or letter makes RDERS, 14. WADE IN THE CONTRACT ORDER s changes in paying office,
Except as provided herein, all terms and 15A. NAME AND TITLE OF SIGNER (Ty		the document referenced in Iter	16A. NAME AI	ND TITLE OF CONTRACTING	DFFICER (Type or print)
15B. CONTRACTOR/OFFEROR (Signature of person authorized to	o skap)	15C. DATE SIGNED	168. UNITED BY ///		16C. DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	- siyii		-105	STAND/ Prescribe	ARD FORM 30 (Rev. 10-83) d by GSA CFR) 53.243
-					

A. Incremental funding in the amount of \$435,974 for cost and \$25,286 for fee has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,624,431. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through June 30, 1996.

(b) An additional amount of \$70,319 is obligated under this contract for payment of fee."

**********	*****	*****************	*********************	***********************		
	CONTRACT TABULATION					
			<u>/////////////////////////////////////</u>	A 1		
	Estimated Cost	Award Fee	CPAF	Funding		
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000		
Mod. 1	· 0	0	· O	25,000		
Mod. 2	0	0	0	0		
Mod. 3	0	0	0	150,000		
Mod. 4	0	0	0	100,000		
Mod. 5	31,500	1,264	32,764	12,764		
Mod. 6	. 0	. 0	. 0	20,000		
Mod. 7	0	0	0.	285,000		
Mod. 8`	92,033	3,693	95,726	70,726		
Mod. 9	. 0	0	0	70,000		
Mod. 10	0	0	0	461,260		
Total	\$3,645,433	\$206,657	\$3,852,090	\$1,694,750		

Funding includes \$1,624,431 for cost and \$70,319 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u> </u>	RTR	AMOUNT	<u>STATUS</u>	JDD
GMG.1051	A5160	282300204	\$461,260	Partial	

Page 2 of 2 NAS1-20650 M Modification No. 10

		OMB	Approval #: 2، ۲۰۰۰-0042		
AMENDMENT OF SOLICITATION			1. CONTRACT ID CODE	PAGE C	DF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		I ION/PURCHASE REQ. NO.	5. PROJECT NO	
6. ISSUED BY CODE	MAY 1 0 1996	7 ADMINIST	ERED BY (If other than item 6)	CODE	
	L				
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration .				
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	de) (x)	SA. AMENDMENT OF SOLICI	ITATION NO.	
NCI Information Systems, Inc. 8260 Greensboro Drive, Suite McLean, VA 22102			98. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CON	NTRACT/ORDER N	Э.
		x	NAS1-20650	<u></u>	
	UTY CODE		2/1/96		
11. THIS ITE	M ONLY APPLIES TO /	AMENDME	NTS OF SOLICITATIO	NS	
IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. X 52.243-2 Changes - Cost-Rei B. THE ABOVE NUMBERED CONTRACT	copies of the amendment; (b) E eference to the solicitation and am OF OFFERS PRIOR TO THE HC (er already submitted, such changed is received prior to the opening to if required) PPLIES ONLY TO MOD THE CONTRACT/ORDI RSUANT TO: (Specify authority) imbursement (AUG 198 (ORDER IS MODIFIED TO REFLE	By acknowledging nendment numbe DUR AND DATE e may be made b hour and date spi IFICATIONS ER NO. AS THE CHANGES B7) Alternat ECT THE ADMIN	receipt of this amendment on ea rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac ecified. S OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE M e II (APR 1984) ISTRATIVE CHANGES (such as	ach copy of the offer WLEDGEMENT TO SJECTION OF YOUF the lengram or letter RDERS, 14. IADE IN THE CONT	ROFFER. If by makes
appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT			and the second secon	<u></u>	
D. OTHER (Specify type of modification a	nd authority)	<u></u>			
				· <u> </u>	<u> </u>
E. IMPORTANT: Contractor X is not, is required. 14. DESCRIPTION OF AMENDMENT/MODIFICATI	ired to sign this document and	return	copies to the issuing office. a solicitation/contract subject mat	ter where feasible.)	
Pursuant to the Section I Clause 52.243-2 "Changes-Cost Reimbursement Alternate II", the contractor is authorized and directed by this change order modification to implement changes to the contract Statement of Work as noted below. In accordance with the Changes Clause, an equitable adjustment may be made to the contract estimated cost and fee by a subsequent modification. Incremental funding is allotted to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made to the Contract Schedule:					
Except as provided herein, all terms and conditions		n 9A or 10A, as h	eretofore changed, remains unch ID TITLE OF CONTRACTING OI	anged and in full for FFICER (Type or pri	ce and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)				··	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		LYN A. WELLS	16C. DA	
15. CONTRACTORVOFFERUR		γĽ,	aly C' Will	MAY	1 0 1996
(Signature of person authorized to sign)			nature of Contracting Officer)		. 40.55
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-1	105	Prescribed		/. 10-83)
		_	FAR (48 Ci	rk) 53.243	

-

FILE COP

A. Exhibit A, Statement of Work, Paragraph 8. is hereby changed as shown below by adding the following:

-Facility Maintenance Augmentation Database -MIS System Plan for LaRC -EPRS Mods to Support FAB

Performance-based Job Description Documents (JDD's) including performance metrics are included in Exhibit G."

B. Exhibit G is hereby changed by adding the above JDD's and is attached hereto.

C. Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is provisionally increased by \$94,000 from \$1,624,431 to \$1,718,431 and is restated as follows:

"B.3, CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,718,431. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through June 30, 1996.

(b) An additional amount of \$70,319 is obligated under this contract for payment of fee."

	CONTRACT TABULATION				
		CONTRACT	ADOLATION		
	Estimated Cost	Award Fee	CPAF	Funding	
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000	
Mod. 1	- 0	0	0	25,000	
Mod. 2	0	0	0	0	
Mod. 3	0	0	0	150,000	
Mod. 4	0	0	0	100,000	
Mod. 5	31,500	1,264	32,764	12,764	
Mod. 6	. 0	0	0	20,000	
Mod. 7	0	0	0	285,000	
Mod. 8`	92,033	3,693	95,726	70,726	
Mod. 9	0	0	0	70,000	
Mod. 10	0	0 🕔	0	461,260	
Mod. 11	Ô	0	0	94,000	
Total	\$3,645,433	\$206,657	\$3,852,090	\$1,788,750	

Funding includes \$1,718,431 for cost and \$70,319 for fee.

1 101

ACCOUNTING AND APPROPRIATION DATA

PR CAW 5/16/96 1355	<u>JO</u>	RTR	AMOUNT	<u>STATUS</u>	JDD
GMG.1385	M3058	99230020700	\$80,000	Partial	GM.001.00
GI.9162	R20724	50559880600	7,000	Partial	GI.001.00
HB.1242	R20719	50590850100	7,000	Partial	HB001.00

Page 2 of 11 NAS1-20650 Modification No. 11

Exhibit G

Job Description Documents (JDD)

Assignment of Job Description Documents:

<u>JDD </u>	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
GMG001	IOG COTS Database	2-29-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
IOO I	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA	.) 4-10-96
GI001	Facility Maintenance Augmentation Database	5-10-96
GM001	MIS System Plan for LaRC	5-10-96
HB001	EPRS Mods to Support FAB	5-10-96

1

۰.

ł

ہ

JDD# GI001.00

Title: Facility Maintenance Augmentation Database

LaRC Points of	of Contact:	Robin K. Rubrecht	Mike Fitzgerald
		Mail Stop 481 Phone 4-3690	Mail Stop 481 Phone 4-3681

Scope: This JDD provides for the development and implementation of processes to: complete the development of a prototype database for tracking LaRC maintenance augmentation projects on 4D Server located in Building 1191, Room 116. The contractor will provide technical support, consulting, training, and the coordination of the development and implementation of this on-line effort. Acceptance testing will be conducted by Operations Support Division (OSD).

General Requirements: Automate the LaRC maintenance augmentation tracking process.

Performance Requirement:

- Complete development of the LaRC Maintenance Augmentation Tracking System using the prototype database.
- Database will include but not limited to description of task, justification and priority, building or other location information, equipment or system information, cost estimates, schedules and/or milestones, actual cost information, contacts, product line field, and miscellaneous comments. Database input screen(s) arranged to correspond to logical order of input.
- Must have complete Read/Write control and function capability for Work Control, OSD Technical Support, FSED, E&CSS and Customers.
- Prepare the Functional Requirement Document that identifies requirements for Funding and Status functions. Complete coding to accomplish the Funding and Status functions.
- Identify and develop capability for AdHoc reports and searches. Develop and/or assist customer in writing necessary reports.
- Prepare System Documentation to include but not limited to description, design specifications, database fields, operations' guide.
- Prepare a Training Plan Document identifying how the training will take place(include but not limited to where, what type of equipment(s), who will be trained, duration) and a proposed schedule. This can be a one-page document describing the training.
- Prepare a User Guide Document. The customer must be able to easily follow the instructions on how to use the on-line system using appropriate screen graphics and

on-line help options. This can be a simple instruction guide that a novice can follow.

- Provide training to designated personnel identified by OSD. Training will use the production system. Approximately 12 people will need to be trained.
- Provide Backup procedures.
- Acceptance testing will be conducted by OSD. If there are problems identified during testing, the Support Service Contractor (SSC) must be available to correct the problems when called upon.
- Documents and coding will be developed using the Management Information Systems Branch (MISB) Data Processing Guide.

Metric:

- Delivery of the Facility Maintenance Augmentation Maintenance Tracking System Database which satisfies the requirements of the OSD needs.
- Delivery of the Functional Requirement Document which identifies the Funding and Status functions and delivery of these functions.
- Delivery of System Documentation which identifies all specifications, database design, operation's guide.
- Delivery of the User Guide document which explains the purpose of the user guide and provides step-by-step instructions using screen graphics and on-line help.
- Training provides an overview presentation, presents the functionality of the online system using the User Guide, allows efficient time for questions and answers, and the capability for the customer to easily operate the on-line system and to produce reports.
- Testing the performance of the system during acceptance testing and the demonstrated conformance of the system to the approved Functional Requirements. Also the timeliness of the contractor's response to problem inquiries and the resolution to problems.
- Completion of all work within the original schedule and cost.

Milestones:

LaRC Maintenance Augmentation Tracking System installed and available for acceptance testing	May 24, 1996
Draft Requirements Document (Funding and Status)	June 7, 1996
Final Requirements Document (Funding and Status)	June 14, 1996
Draft User Guide Document	August 1, 1996
Final User Guide Document	August 10, 1996
LaRC Maintenance Augmentation Tracking System (include Funding and Status)	August 15, 1996

installed and available for acceptance testing

August 30, 1996
September 30, 1996
September 30, 1996

•

JDD # GM001.00

Title: MIS System Plan for LaRC

LaRC Point of Contact:	Frank Allario, Chief, ISSD
	Mail Stop 157
	Phone 864-6633

Scope

Development of a plan for a comprehensive MIS System at LaRC including (1) A review of applicable MIS Systems in business, industry, and research institutions to identify potentially transferable models; (2) an investigation of LaRC's needs; and (3) the consideration of emerging management procedures in both Federal and non-Federal environments.

Requirements

- 1. Development of a plan for fulfilling the Scope.
- 2. Conduct a MIS workshop at LaRC on existing MIS systems used within business, industry, and research institutions.
- 3. Development of an MIS plan for LaRC that includes independent as well as sequential options for immediate and future development and implementation.

Metrics and Milestones

- 1. Submission of a comprehensive plan for fulfilling the Scope: May 25, 1996.
- 2. Completion of a MIS workshop at LaRC: August 1996.
- 3. Submission of an MIS plan for LaRC that includes independent as well as sequential options for immediate and future MIS Systems development and implementation: August 15, 1996

JDD # HB001.00

Title: EPRS Modifications to Support Fabrication Division

LaRC Point of Contact:	Delores K. Poupard, PRD, CFO
	Mail Stop 104
	Phone 864-6098

Scope: Provide application programming support for the Langley Electronic Purchase Request System (EPRS) by performing each of the requirements listed below. Each requirement will be measured at selected intervals throughout the work order performance period as it relates to the quantity, timeliness and quality of the work performed.

General Requirements: Modify existing EPRS to include the ability to initiate Fabrication Purchase Requests and Fabrication Change Memos.

Specific Requirements:

1. Requirement: Modify the existing EPRS to allow for the initiation of a new fabrication purchase request based on the format in Enclosure 1 using the following guidance.

• The PR number should be automatically assigned by the system using the following logic.

Example: PR Number F776.AB01

F77 = The PR Number will always begin with this

- 6 = The Program Year input Below
- AB = The first two positions of the Spons Org for the RTR. This will be obtained from the PRD Planning File. If the Org is not found in the PRD Planning file it should default to the initiators Org.
- 01 = Sequential Number assigned by System
- Initiator will be required to enter the following data:

JOB ORDER NUMBER PY NUMBER OF FAB HOURS REQUIRED TECHNICAL ADVISOR REMARKS SECTION

• The RTR number and MA will be obtained from the job order by EPRS like it is on current PR's.

• The number of hours entered will then be multiplied by a rate to determine the dollar amount for Line 1 of the Fab PR. It is desired that the Fab rate be coded into EPRS so that the user DOES NOT have to enter it, because the possibility of using an incorrect rate could be potentially great. The PRD Fab Analyst will be responsible for notifying MISB if the Fab Rate changes so that it can be modified in EPRS.

In order to determine the amount for Line 1:

Multiply Number of Fab Hours Required by Rate Add \$1.00 to the result

- Line 99 amount will be \$1.00
- The Object Class will always be 8888

• There can only be ONE fab PR for a given RTR (9-Digit) for a given PY. When a new PR is added, EPRS will have to check to see if one already exists for this PY with that RTR number. If a PR does exist, then the initiator should be displayed a message indicating this and the PR will not be allowed. Also, EPRS should check to see if the Job Order is Open to both FAB and LABOR. If it is not, then a message should appear indicating this and the Job Order not be allowed to be used.

Routing:

Initiator Branch (Based on Current Thresholds) PRD (\$10K or Greater) FMD and FAB simultaneously

Metric:

- Fabrication Purchase Request can be prepared in EPRS.
- Reliability and accuracy will be the same as with current PR's in EPRS.
- Routing will be accurate.
- Allow for printing and other functionality currently available in EPRS.
- 2. Requirement: Modify the existing EPRS to allow for the initiation of a fabrication memo that will be utilized to Add or Decrease \$ and Hours on Fabrication Purchase Requests. See Enclosure 2 for a sample format.
 - Initiator will be required to enter the following data:

PURCHASE REQUEST NUMBER INDICATE IF IS AN "INCREASE" OR "DECREASE" NUMBER OF FAB HOURS REQUIRED

- The number of Fab Hours Required will be multiplied by the current Rate and this dollar amount will be increased or decreased from Line 1 of the Fabrication PR.
- The following items will need to be displayed:

TECHNICAL ADVISOR PURCHASE REQUEST NUMBER RTR JOB ORDER PY MA NUMBER OF HOURS (INCREASE/DECREASE) \$ AMOUNT OF (INCREASE/DECREASE)

Routing:

Initiator Branch PRD (\$10K or Greater) FMD and FAB Simultaneously

Metric:

- Fabrication Change Memos can be prepared in EPRS.
- Reliability and accuracy will be the same as with current PR's in EPRS.
- Routing will be accurate.
- Allow for printing and other functionality currently available in EPRS.

Milestones:

1. 5/31/96 Fabrication Purchase Requests and Change Memos available in EPRS

			OWB A	pproval #: 2700-	
				1. CONTRACT ID CODE	PAGE OF PAGES
		MODIFICATION OF CO		ON/PURCHASE REQ. NO.	
2. AMENDMENT/MODIFICA	TION NO.	JUN 18 1996	4. REQUISITI	ONPORCHASE REQ. NO.	5. PROJECT NO. (If applicable)
I Z	CODE	JUN 10 1996		RED BY (If other than Item 6)	
. 1330(,) 51			-		
National Aeronau	itics and Space	Administration			
Langley Research	h Center				
Hampton, VA 2			•		
NAME AND ADDRESS OF	F CONTRACTOR (No.	, street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
			·		
NOL Information	Customa Ina				
NCI Information				DATED (SEE (TEM 14)	
8260 Greensbo	oro Drive, Suite	e 400		9B. DATED (SEE ITEM 11)	
McLean, VA 22	2102				
			[10A. MODIFICATION OF CO	NTRACT/ORDER NO.
			1		
			x	NAS1-20650	
			^	10B. DATED (SEE ITEM 13)	
				2/1/96	
	11. THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS
The above sumbared a	olicitation is amended	as set forth in Item 14. The hour	and date specifie	t for receipt of Offers is e	is not extended.
I ne zoove numbered t	solution is amongo	t prior to the hour and date specifi	ed in the solicitati	on or as amended, by one of the	
mers must acknowledge rec	selbr of fulls struenchmen	t prior to the nodi and date specifi			
-) By completing Heme 8 an	d 15. and returning	conies of the amendment: (b) I	By acknowledging	receipt of this amendment on e	ach copy of the offer submitted; or
> By concerts letter or tales	com which includes a r	eference to the solicitation and an	nendment numbe	NE. FAILURE OF YOUR ACKING	DWLEDGEMENT TO BE RECEIVED
T THE PLACE DESIGNATE	TO FOR THE RECEIPT	OF OFFERS PRIOR TO THE H	OUR AND DATE	SPECIFIED MAY RESULT IN RI	EJECTION OF YOUR OFFER. If by
idue of this amendment you	desire to change an of	fer already submitted, such chang	e may be made t	y telegram or letter, provided ea	ch telegram or letter makes
eference to the solicitation a	nd this amendment, an	id is received prior to the opening	hour and date sp	cified.	
2. ACCOUNTING AND API	PROPRIATION DATA	(if required)			
See Page 2.					
13.		PPLIES ONLY TO MOD			
	IT MODIFIES	THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14
	ORDER IS ISSUED PU	IRSUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT ORDER
NO. IN ITEM 10A.		·			
X B. THE ABOVE NU	IMBERED CONTRACT	VORDER IS MODIFIED TO REFL	ECT THE ADMIN	ISTRATIVE CHANGES (such as	s changes in paying office,
		EM 14, PURSUANT TO THE AU			
C. THIS SUPPLEN	ENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specif	y type of modification a	nd authority)			
- IMPORTANT: Contra	ctor X is not, is requ	uired to sign this document and	return	copies to the issuing office.	
14 DESCRIPTION OF AME	NDMENT/MODIFICAT	ION (Organized by UCF section h	eedings, includin	solicitation/contract subject ma	tter where feasible.)
The numose of t	his modification	is to add incremental fu	inding to the	contract pursuant to t	he Contract Funding
	aby the followin	a change is hereby may	do:	••••••••••••••••••••••
clause. Accordin	igiy, the followin	ig change is hereby mad	u . .		
	٨				
	•				hanged and in full faces and affect
			T 9A or 10A, 25)	eretotore changed, remains und	hanged and in full force and effect.
15A. NAME AND TITLE OF	SIGNER (Type or print	y .	104. NAME A	ND TITLE OF CONTRACTING (on need (i ype or pring
			1		
			CARO	LYN A. WELLS	
	POP	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
15B. CONTRACTOR/OFFE		ISO. DATE SIGNED		2	111-12
		(BY C	allepil 11	1/2/ 1111 . 0
(Signature of person	authorized to signi			inature of Contracting Officer)	JUN 1 8 199
NSN 7540-01-152-8070			105		ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUS	ABLE				d by GSA
					CFR) 53.243

FILE COPY

A. Incremental funding in the amount of \$965,983 for cost and \$31,031 for fee has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$2,684,414. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through September 30, 1996.

(b) An additional amount of \$101,350 is obligated under this contract for payment of fee."

***********	***************************************							
CONTRACT TABULATION								
	CONTRACT TABULATION							
	Estimated Cost	Award Fee	CPAF	Funding				
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000				
Mod. 1	. 0	0	0	25,000				
Mod. 2	0	0	0	0				
Mod. 3	0	0	0	150,000				
Mod. 4	0	0	0	100,000				
Mod. 5	31,500	1,264	32,764	12,764				
Mod. 6	0	0	0	20,000				
Mod. 7	0	0	0	285,000				
Mod. 8	92,033	3,693	95,726	70,726				
Mod. 9	. 0	0	0	70,000				
Mod. 10	0	0	0	461,260				
Mod. 11	0	0	0	94,000				
Mod. 12	Ō	0	0	997,014				
Total	\$3,645,433	\$206,657	\$3,852,090	\$2,785,764				

Funding includes \$2,684,414 for cost and \$101,350 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u>JO</u>	RTR	AMOUNT	<u>STATUS</u>	JDD
GMG.1051	A5160	282300204	\$992,014	Partial	
I.0599	H15068	53709200400	5,000	Complete	

Page 2 of 2 NAS1-20650 Modification No. 12

				0	MB A	Approval # 21 042			
						1. CONTRACT ID CODE		PAGE O	F PAGES
AMEN	IDMENT OF SOLICITAT	ION/	MODIFICATION OF CO	NTRA	CT		ļ	1	18
2 AMEN	IDMENT/MODIFICATION NO.		3. EFFECTIVE DATE	4. REQI	JISITI	ON/PURCHASE REQ. NO.	5. PRO	JECT NO.	(If applicable)
	13		JUN 28 1996			N/A			
6. ISSUE	ED BY C	ODE		7. ADMI	NIST	ERED BY (If other than Item 6)	CODE		
		l		1					
Lai	tional Aeronautics and Sp ngley Research Center mpton, VA 23681-0001	bace	Administration						
8. NAME	AND ADDRESS OF CONTRACTO	R (No.,	street, county, State, and Zip Cod	le)	(x)	9A. AMENDMENT OF SOLICI	TATION N	O .	
NC	I Information Systems, Ir	IC.							
826	60 Greensboro Drive, Sui	ite 40	0			9B. DATED (SEE ITEM 11)			
	Lean, VA 22102								
				F		10A. MODIFICATION OF COM	TRACT/O	RDER NO	D.
						NAS1-20650			
					х				
					~	10B. DATED (SEE ITEM 13)			
		FACI				2/1/96			
	44 TUIC		M ONLY APPLIES TO A						
Th	e above numbered solicitation is am	ended	as set forth in Item 14. The hour a	nd date sp	ecified	d for receipt of Offers is e	dended,		t extended.
Offers m	ust acknowledge receipt of this ame	ndment	prior to the hour and date specifie	d in the so	licitati	on or as amended, by one of the	following n	nethods:	
(c) By se AT THE virtue of reference 12. ACC	empleting Items 8 and 15, and return parate letter or telegram which inclu PLACE DESIGNATED FOR THE RE this amendment you desire to chang e to the solicitation and this amendm COUNTING AND APPROPRIATION A	des a re ECEIPT le an off nent, an	eference to the solicitation and amo OF OFFERS PRIOR TO THE HO fer already submitted, such change d is received prior to the opening h	endment n UR AND E e may be m	umbe ATE ade b	rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE ny telegram or letter, provided eac		ENT TO B OF YOUR	E RECEIVED
N//					0.14				
			PLIES ONLY TO MODI					ı	
			THE CONTRACT/ORDE						
(X)	A. THIS CHANGE ORDER IS ISSUND. IN ITEM 10A.								RACTORDER
<u> </u>	FAR Clause 52.243-2, C	hang	es - Cost Reimbursemei	nt (AUG	5 19	87) Alternate II (APR 1	984)		
	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT	TRACT	ORDER IS MODIFIED TO REFLE EM 14, PURSUANT TO THE AUT	CT THE A	DMIN DF FA	IISTRATIVE CHANGES (such as R 43.103(b).	changes ii	n paying o	flice,
	C. THIS SUPPLEMENTAL AGREE	MENT	IS ENTERED INTO PURSUANT T	O AUTHO	RITY	OF:			
	D. OTHER (Specify type of modific	ation a	nd authority)						
E. IMP	ORTANT: Contractor X is not,	is r	equired to sign this document a	nd return		copies to the issuing offic	e.		
14. DES	CRIPTION OF AMENDMENT/MOD	FICATI	ON (Organized by UCF section he	adings, inc	luding	g solicitation/contract subject mat	ter where f	easible.)	

The Contractor is hereby authorized and directed, by contract change order, to perform the Statement of Work revisions contained herein. Appropriate contract schedule changes are as follows:

Except as provided herein, all terms and conditions		NTINUED) em 9A or 10A, as herel	tofore changed, remains unchanged	d and in full force and effect.		
15A. NAME AND TITLE OF SIGNER (Type or prin	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
	R. TODD LACKS					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STA	tes of America	16C. DATE SIGNED		
(Signature of person authorized to sign)		(Signat	ure of Contracting Officer)			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	0-105	STANDARD F Prescribed by G FAR (48 CFR) 5			



I. Exhibit A, Statement of Work, is revised as follows:

A. Section 8, Applications Development and Enhancement, is revised to incorporate the following Job Description Documents by reference:

HB002.00	Management Information System for Lead Center Budgeting
DA.001.00	Workforce Management System for the Aerodynamics Division
AF005.00	Development of Management Information Systems (MIS) Applications
AF007.00	Computer Hardware and Software Infrastructure Support

B. Section 8, Applications Development and Enhancement, is revised to incorporate the following modifications to existing Job Description Documents by reference:

AF001.01	Application Development for the Office of Safety, Environment and Mission
	Assurance
GMG001.01	Internal Operations Group COTS Database

II. The Job Description Documents and the modifications to existing Job Description Documents referenced in Paragraph I above are hereby incorporated into Exhibit G.

III. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will be effected. The Government will provide incremental funding for the revised effort by a separate modification.

CONTRACT TABULATION

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31,500	1,264	32,764	12,764
Mod. 6	0	0	0	20,000
Mod. 7	0	0	0	285,000
Mod. 8	92,033	3,693	95,726	70,726
Mod. 9	0	0	0	70,000
Mod. 10	0	0	0	461,260
Mod. 11	0	0	0	94,000
Mod. 12	0	0	0	997,014
Mod. 13	0	0	0	0
Total	\$3,645,433	\$206,657	\$3,852,090	\$3,406,764*

*Includes \$3,305,414 for cost and \$101,350 for award fee.

-

Page 2 of 18 NAS1-20650 Modification No. 13

JDD # AF001.01

Title: Application Development for the Office of Safety, Environment and Mission Assurance

LaRC Point of Contact: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 4-3361

Scope

This job description document (JDD) provides for the completion of development of application packages which will be included in a Management Information System (MIS) in OSEMA. The applications will automate critical functions performed by OSEMA personnel to increase the efficiency and effectiveness of operations. The application development will follow standards and protocols established during development of initial applications under the previous BAMIS contract. The applications will run on Macintosh and other required fileservers and operate on a mixture of Macintosh and MS-DOS equipment. Extensive, data intensive, applications will reside on a UNIX based workstation under Sybase.

Additional requirements were generated during protyping sessions to OSEMA management. These requirements are outlined in Specific Requirements 1.A - F. The enhancements requested require a modification to the original JDD to extend the period of performance through to the accomplishment of the revised milestones.

General Requirements

Provide services for all programming, documentation, checkout, training, and implementation for applications currently under development. Include requirements generated from prototype sessions to OSEMA management.

Specific Requirements

The computer application development activity will include responsibility for final development of specific applications designed to automate activities of OSEMA personnel. Elements of the activity include:

1. Completion of the programming for the following OSEMA MIS modules:

Problem Failure Report module Nonconformance Failure Report module Audit Tracking module Hardware/Software Inventory module

A. Enhance the Problem Failure Report module as follows:

- 1). Establish a function that will allow UCC profile to be viewed
- 2). Calculate and capture total unavailability time per Problem Failure Report (PFR)
- 3). Develop a set of Paredo Charts based on the PFR total unavailability time
- 4). Require the identification and selection of at least one PFR component as the failed or non-conforming item
- 5). Develop the ability to indicate to the user the evidence of a UCC event that falls within the profiled time period
- 6). Provide a simpler interface for the ad hoc generic report builder in the PFR module
- 7). Modify the two "Age" reports provided by Dyn-Corp
- B. Enhance the Nonconformance Failure Report (NFR) module by providing a simpler interface for the ad hoc generic report builder in the NFR module.
- C. Enhance the Hardware/Software Inventory module as follows:
 - 1). Provide a simpler user interface.
 - 2). Incorporate enhancements requested in prototype demonstration.
 - 3). Fix "bugs" in the on-line help module.
- D. Incorporate corrected on-line help module into Nonconformance Failure Report module.
- E. Incorporate corrected on-line help module into Problem Failure Report module.
- F. Incorporate corrected on-line help module into Audit Tracking Module.
- 2. Implementation of each of the OSEMA MIS modules listed above.

Metrics

- Satisfactory acceptance testing of each module by designated OSEMA personnel.
- Acceptance, by designated OSEMA personnel, of the final implementation of the above listed modules.
- · Completion of documentation and on-line help sections of each module.
- Installation of each module on the OSEMA 4-D server and demonstrated operation.

Milestones

- 1. Rapid Prototyping demonstrations of individual applications. (2/20/96)
- 2. Final acceptance testing of individual applications. (7/19/96)
- 3. Suitability of training and implementation support for individual applications. (7/19/96)

Mod to JDD # GMG001.00 GMG001.01

The initial phase 1 of this JDD has been expanded to include adapting the prototype into a operational system by adding additional functionality of the Workload/Workforce module and the development of Budgetary and Human Resource Modules. These additional modules are required to allow IOG to collect and define data for supporting the Center and Agency planning and reporting requirements. The current JDD period of performance needs to be extended to September, 1996. The specific requirements are as follows:

Specific Requirements:

1. <u>Requirement</u>: As the requirements for the workload/workforce module become stable, the focus of requirements will be on the overall operations of the COTS DB. Relative to this module, implement the Workforce/Workforce module for IOG production. This involves developing standard reports, ad hoc reporting/querying capability, system documentation/workshop on COTS DB design, and documentation on administrative support of the DB.

Metric:

- Provide a stable operational application running on the RISC 6000 platform by July 12, 1996.
- Provide required reporting capability by July 31, 1996.
- Prepare documentation and conduct workshop on the administrative process for maintaining the WL/WF module and DB during week of July 22, 1996.
- Demonstration Windows client access to the COTS DB by July 31, 1996.

2. <u>Requirement:</u> With the requirements for the Workload/Workforce module stable, the next focus will be on the linkage to the estimate budget to the Center's accounting system. For this requirement, an assessment of the requirements as currently known and lessons learned from the WL/WF module development will be made and a projected develop approach will be documented and presented. The development will be based on the workload/workforce database systems.

Metric:

- Document Scope & plan for development and provide a documented assessment by June 14, 1996.
- Present a verbal/chart discussion on the budget module development with a list of functions to be developed June 14.
- Complete prototype development by June 28, 1996.
- Deliver Production system by July 12, 1996.

3. <u>Requirement:</u> With the completion of the budgetary module a human resource management module will be developed. This system will be based on the requirements as defined by the human resources team.

Metric

- Document Scope & plan for development Provide a documented assessment by July 26, 1996.
- Present a verbal/chart discussion on the budget module development with a list of functions to be developed on July 26.
- Complete prototype development by August 16, 1996.
- Deliver Production system by August 30, 1996.

4. <u>Requirement</u>: With the completion of the initial required modules the next phase to the integration of all modules and interfaces to systems in which data is extracted or entered. An example would be interfaces to all existing personnel systems. It is noted that the IOG COTS DB is a data warehouse for maintaining data for easy access by management and staff required for strategic and tactical assessments of workload and workforce.

Metric

- Document the over all system architecture by September 6, 1996.
- Document all administrative functions required for maintaining the data base and interfaces.
- Conduct workshops for MISB and BAMIS personnel for administering the system during the week of September 16, 1996.
- Conduct workshops for applying 3rd party personal computer software for performing ad hoc queries (i.e. PowerBuilder, ACCESS, etc.).

6

JDD# HB002.00

Title: Management Information System for Lead Center Budgeting

LaRC Point of Contact: Delores K. Poupard, PRD, CFO Mail Stop 104 Phone 864-6098

Date Prepared by Requester: June 21, 1996

- Scope: Provide application programming support for developing a Management Information System for Langley's new role in Lead Center Budgeting. This effort is required in order for Langley to support our Lead Center role for the Office of Aeronautics for the Advanced Subsonic Technology (AST), High Speed Research (HSR) and Airframe Systems in the Base programs. This system will primarily contain dollars and workforce plans versus actual information. Listed below are general system requirements. Since the coding structure for the Base program is not know at this time, these requirements will be further refined as the project progresses. It is expected that PRD personnel will be working closely with the developers of this system during the duration of this project in order to add and clarify requirements as necessary. Each requirement will be measured at selected intervals throughout the work order performance period as it relates to the quantity, timeliness and quality of the work performed.
- General Requirements: Provide a Management Information System to support Langley's new role in Lead Center budgeting. It is expected that this system utilize the latest technology in data base design and connectivity. It is requested that the current High Speed Research (HSR) MIS be used as a basic example for this project. However, the Lead Center system will have expanded capabilities.

Specific Requirements:

- 1. Requirement:
 - Utilize the latest technology in data base design and connectivity.

• Create a Lead Center Management Information system that would utilize client server technology.

• Preferably, Sybase is to be used as the data base with 4th Dimension being used as the graphical user interface.

• The primary means of access to this system by the user community will be Macintosh, but also allow for PC access if the system will appear the same to end users on both platforms and a great deal of effort is not required to allow for PC interface.

• This system must also be able to accommodate access by users from other NASA centers in addition to local Langley users. These local as well as external users would require the capability to status information and update information at selected points in time.

• System will require User ID and Password protection. It is also desired that certain system capabilities (ex., being allowed to update vs query records) be User ID sensitive.

2. Requirement:

.

• The basic file structure will consist of the following fields. As system development progresses additional fields will be added. It is imperative that the file structure be such that the addition of fields at later dates be relatively simple.

- Program Code (A7)
- Program Year (A4)
- Method of Authorization (A2)
- Commitment Plans consisting of 24 occurrences to allow for plans covering the current and next fiscal year (N6.1); This will be \$K.
- Obligation Plans consisting of 24 occurrences to allow for plans covering the current and next fiscal year (N6.1); This will be \$K.
- Cost Plans consisting of 24 occurrences to allow for plans covering the current and next fiscal year (N6.1); This will be \$K.
- Commitment Actuals consisting of 12 occurrences to allow for actuals covering the current fiscal year (N6.1); This will be \$K.
- Obligation Actuals consisting of 12 occurrences to allow for actuals covering the current fiscal year (N6.1); This will be \$K.
- Cost Actuals consisting of 12 occurrences to allow for actuals covering the current fiscal year (N6.1); This will be \$K.
- Disbursement Actuals consisting of 12 occurrences to allow for actuals covering the current fiscal year (N6.1); This will be \$K.
- Guideline (N6.1); This will be \$K.
- Uncommitted Carryin from prior years (N6.1); This will be \$K. (This will only be applicable to PY Minus 1).

- Unobligated Carryin from prior years (N6.1); This will be \$K. (This will only be applicable to PY Minus 1).
- Uncosted Carryin from prior years (N6.1); This will be \$K. (This will be applicable to PY Minus 1 and prior).
- Civil Service Workforce Plans consisting of 12 occurrences to allow for plans covering the current fiscal year (N6.1); This will be workyear equivalents (WYE).
- Civil Service Workforce Actuals consisting of 12 occurrences to allow for actuals covering the current fiscal year (N6.1); This will be WYE.
- Support Service Contractor Plans consisting of 12 occurrences to allow for plans covering the current fiscal year (N6.1); This will be SSC.
- Support Service Contractor Actuals consisting of 12 occurrences to allow for actuals covering the current fiscal year (N6.1); This will be SSC.

3. Requirement:

• The system will allow the use of Tables that will contain data for report generation purposes. Examples of these are as follows:

- Current HSR MIS contains tables which house data to tie program codes to a specific work breakdown structure (WBS). The AST program is also considering a similar approach for grouping categories of work. Base requirements are unknown at this time
- Title, Sponsoring Organization, Responsible Researcher for Programs Codes at 7-Digit level. (Since this system will contain data for other NASA Centers this data will have to be tied to a 7-Digit Program code and a specific Method of Authorization.)
- Titles for Program Codes at the 5 and 3 digit level. These titles will be the same for all Centers and will not have to be tied to a specific Method of Authorization.
- System User ID's and security.

4. Requirement:

• Commitment, Obligation, Cost, and Disbursement actuals will be updated in this system on a monthly basis once all of the centers have closed out their accounting systems for the month.

- It is required that an FTP site be set up to electronically receive a flat file from the other NASA centers which will contain these actuals. This will be done on a monthly basis with an agreed upon due date.
- The actuals for the Langley programs will be uploaded into this system from the PRD Planning system which is currently being done for the HSR MIS.

 Should the other centers or Langley choose, the capability will exist to logon to the Lead Center MIS and manually key in their actuals by the agreed upon due date. In some cases a few of the other centers have very small dollar amounts under one or two program codes. In these cases it may be easier for them to simply manually input the data into the system rather than to setup an electronic file transfer.

5. Requirement:

• Commitment, Obligation and Cost plans will be updated in this system on an as required basis. Normally, there are two phasing plan calls per year from NASA Headquarters around the October and March timeframe.

- It is required that an FTP site be set up to electronically receive a flat file from the other NASA centers which will contain these plans. There is no set schedule for this activity like there is with the actuals. While a phasing plan is being formulated, it would be possible that these plans would be updated numerous times in a very short timeframe. The system must have great flexibility in being able to accept these plans on a schedule that cannot be predetermined. Waiting to do this on an "over night" type basis is not acceptable.
- The plans for the Langley programs will be uploaded into this system from the PRD Planning system which is currently being done for the HSR MIS. Again, it is possible that these would be done numerous times within a very short time period.
- Should the other centers or Langley choose, the capability will exist to logon to the Lead Center MIS and manually key in plans, especially in a situation where only a few minor changes are required.
- It is a requirement that PRD be allowed to lock these plans after they have officially been submitted to NASA Headquarters, thereby not allowing these plans to be changed.

6. Requirement:

• A similar requirement as stated in 4 and 5 above exists for workforce plans and actuals. Langley's responsibility in this area has not been clearly defined and discussions have not been held with the other centers on available data in this area and the methods of transmission. The current level of functionality, at a minimum, that exists for workforce in the HSR MIS will have to be maintained.

7. Requirement:

• Currently two official phasing plan submissions to NASA Headquarters Code R are required.

• It is required that an actual paper copy report be produced (sample attached) showing obligation and cost phasing plans summed to the 5-digit, 3-digit and grand total levels. It is required that a user be able to print this report for an individual center or a total version that would be a summation of all of the centers. It is required that

this can also be done for a selected UPN (3-digit code) or for all of the Office of Aeronautics programs.

• It is required that a flat file be produced showing identical data (5-digit level) as the printed reports above for electronic transmission to NASA Headquarters Code R. This data is loaded into a VAX system that maintained by Code R. Currently, two similar programs (ABT98J and ABT99J) exist for the PRD Planning system on the mainframe. This same format can be used as a guide in producing this file. It is required that a limited number of users be able to submit this for an individual center or a total version that would be a summation of all of the centers. It is required that this can be done for a selected UPN (3-digit code) or for all of the Office of Aeronautics programs.

8. Requirement:

• Basic on-line help capabilities should exist for this system.

9. Requirement:

• Graphic capabilities for simple line/bar charts. This is to be very similar to what currently exists in the High Speed Research MIS.

• Require a standard set of graphs showing Current PY Commitment, Obligation and Cost Plans versus Actuals. This should be available with the option of selecting one particular center or a total for all centers. This should be available for the HSR, AST and Base programs separately or available as a total for all three of the programs.

• Require a standard set of graphs showing Commitment plans versus actuals for current PY and PY Minus 1. For current PY would show current year guideline. For PY Minus 1 would show uncommitted carryin. Desire 3 graphs on one page. First graph would be current PY, second graph would be current PY Minus 1, and third graph would be a total of the first and second. This should be available with the option of selecting one particular center or a total for all centers. This should be available for the HSR, AST and Base programs separately or available as a total for all three of the programs.

• Require a standard set of graphs showing Obligation plans versus actuals for current PY and PY Minus 1. For current PY would show current year guideline. For PY Minus 1 would show unobligated carryin. Desire 3 graphs on one page. First graph would be current PY, second graph would be current PY Minus 1, and third graph would be a total of the first and second. This should be available with the option of selecting one particular center or a total for all centers. This should be available for the HSR, AST and Base programs separately or available as a total for all three of the programs.

• Require a standard set of graphs showing Cost plans versus actuals for current PY and PY Minus 1 & Prior. For current PY would show current year guideline. For PY Minus 1 & Prior would show uncosted carryin. Desire 3 graphs on one page. First graph would be current PY, second graph would be current PY Minus 1 & Prior, and third graph would be a total of the first and second. This should be available with the option of selecting one particular center or a total for all centers. This should be

available for the HSR, AST and Base programs separately or available as a total for all three of the programs.

• Similar capability will be required for civil service and contractor workforce plans vs actuals, however, this requirement will have to be further defined as the system development progresses. The current level of functionality, at a minimum, that exists for workforce in the HSR MIS will have to be maintained.

10. Requirement:

- Requirement exists for a standard set of management reports and ad hoc user defined reports.
 - A standard set of management reports that can be accessed via a menu will be required. These will be defined as the system development progresses.
 - Users must be able to produce ad hoc reports with relative ease and be able to save these queries, if they desire, for future use.
 - Users must be able to export data from reports with ease into other software packages (Ex., Excel) for further manipulation.

11. Requirement:

• It is desired that the necessary PRD personnel work closely with the system developers throughout the project to clarify and further define needs. Since Langley's requirements for its role as Lead Center for HSR, AST and Airframe Systems are still being determined, it is impossible to exactly define all system requirements at this time. This project development should remain flexible enough to permit the addition of requirements as they are further defined.

Milestones:

.

1. 10/1/96 System will be fully productional and available for access by all centers.

JDD #AF005.00

Title: Development of MIS Applications

LaRC Point of Contract: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 804-864-3361

Scope

....

Provide necessary requirements development and application programming or suggest COTS applications for the development of the following system applications for use in OSEMA's MIS environment. The required applications, in priority order for consecutive development, is as follows:

- 1. Personnel Database
- 2. Action Item Tracking
- 3. On-line Regulation
- 4. Cross-Platform Calendar
- 5. Process Flow Charts
- 6. GIS Interfaces
- 7. Hazardous Waste Transfer forms

General Requirements

Applications, except those with a GIS interface, will use 4D as a front end. The data will be maintained in SYBASE or other appropriate client-server databases running on OSEMA's servers including the Sun Sparcstation 20. The applications shall be accessible from the appropriate computers (Macintosh. PCs running MS Windows 95. and others as appropriate) used by OSEMA personnel, and shall provide the standardized OSEMA user friendly interface. Response time will be a critical performance measure and must guide the database development. Access to all applications will be available to all OSEMA users across LaRC's network links. Protection of the data during transmission and in the database is vital and appropriate backup systems must be included.

Specific Requirements

1. Develop application requirements in consultation with OSEMA and preparation of a Schedule and Resource Plan for each application to include:

- 1. Hardware/software requirements
- 2. The schedule for completion of each application
- 3. The budget for completion of each application
- 4. The training needs for each application
- 5. Required on-going support for each application
- 2. Develop individual applications
- 3. Demonstrate error-free functionality of each application upon delivery
- 4. Provide training for each application as specified in the Schedule and Resource Plan

Metrics

- 1. Full LaRC network access and functionality of all applications from remote desktop equipment.
- 2. Conformance to the specific requirements (above) and those defined in the Schedule and Resource Plan.
- 3. Completion of all work within the schedule and cost as defined in the Schedule and Resource Plan.

Milestones

.

- 1. Completion of the Schedule and Resource Plan for the first application (Personnel Database) by July 26, 1996, or as soon thereafter as possible based on availability of OSEMA personnel for consultation.
- 2. Development and presentation of the Schedule and Resource Plan for applications 2-7 by August 30, 1996, or as soon thereafter as possible based on availability of OSEMA personnel for consultation.
- 3. Development of each application within the schedule and cost specified in the Schedule and Resource Plan.
- 4. Monthly reports to OSEMA management on progress made according to the Schedule and Resource Plan.
- 5. Functional demonstration of each application operating under SYBASE from remote (LaRC) locations by dates specified in the Schedule and Resource Plan.

JDD #AF007.00

Title: Computer Hardware and Software Infrastructure Support

LaRC Point of Contract:	Charles E. Cockrell, Chief Engineer, OSEMA
	Mail Stop 421
	Phone 804-864-3361

Scope

OSEMA's MIS computer hardware and software infrastructure will be maintained to provide for continual operation. This includes hardware, software and local area network (excluding LaRCNet) installation, system administration, and maintenance.

General Requirements

Provide necessary hardware, software and local area network support, to include: (1) Problem identification and resolution, (2) installation, (3) placement and relocation; and (4) system administration to ensure the continual operation of OSEMA's MIS environment (desktop systems, file servers, related peripherals, and software).

Specific Requirements

- 1 Hardware, software and LAN problem identification and resolution:
- 2 Troubleshoot identified problems and:
 - 2.1 Take corrective action not requiring the provision of hardware or software.
 - 2.2 Install OSEMA provided hardware and software.
 - 2.3 Recommend hardware/software purchases.
 - 2.4 Initiate service requests.
- 3 Document problems and recommend corrective actions for problems requiring additional OSEMA support - purchase of hardware or software.
- 4 Maintain systems and install new releases/updates.
- 5 Perform routine maintenance.
- 6 Schedule, coordinate, supervise, and assist in equipment placement and movement.
- 7 Provide location data for entry in OSEMA's "H/S Tracker" database.
- 8 Provide user assistance with equipment operation (does not include application training or instruction).

Metrics

- Respond to OSEMA trouble call (multiple concurrent problems will be prioritized by OSEMA for consecutive response) within one hour.
- 2 Resolve problems within one work day, based on the availability of required hardware, software, and OSEMA management and personnel for consultation.
- 3 Document problems and solutions requiring action by OSEMA within 1 work day after receipt of trouble call.

Milestones

-

- 1 Initiation of infrastructure support by July 1, 1996.
- 2 Completion of infrastructure support January 31, 1997.

JDD# DA.001

Title: Workforce Management System for the Aerodynamics Division

LaRC Point of Contact (POC): Barry Price Mail Stop 238 ext. 47146

Scope:

Develop a computerized system that will enable the Aerodynamics Division. RTG, to plan. track (record "actuals") and report / review the utilization of its workforce.

General Requirements:

- Task and personnel records will be centrally managed at the branch level.
- Workload planning will be performed by each division member with management oversight.
- Tracking, or recording, of "actuals" will be integrated with employee time and attendance (T&A) such that one is a "spin-off" of the other, permitting one-time entry of information.
- Reporting or reviewing of system generated data will provide managers with *ad hoc* report formatting as needed, as well as the ability to quickly produce standardized reports.

Specific Requirements: (all requirements apply to both the prototype and the operational systems described in the Metrics paragraph below)

- 1. Each user will have their operating environment and degree of database access determined by their password protected user name entered upon logging on to the system.
- 2. Wherever practicable, "pull down" menus, "point and click" operation and scrollable selection lists will be used to reduce user keystrokes and the likelihood of typographical errors. The population of such selection lists will be administered by those performing the centralized management functions.
- 3. The repository of data will be two "look-up" tables: one that is task-based, containing such fields as title, description, program or thrust, job order, listing of employees to whom the task is open, etc., and: and one that is personnel-based, containing such fields as name, org. code, skills, etc. and certain Privacy Act entries which would be needed for demographic-based projections and statistics. These entries would include date of birth, service computation date, grade, etc. and would be protected by restricted access.
- 4. System user operations will be based upon four related elements or modules:
 - File Management This is the means of creating and maintaining the tables described in (3), above. Write access will be limited to branch and division management.
 - Planning Each employee will be able to plan the tasks they will be supporting by skill and level (hours or %FTE). Such plans will tentatively be defined to a monthly level.

(Specific Requirements continued on next page)

- Recording Each employee will account for how their time is spent. In addition to this
 information being captured in the Workforce Management system it will also do away with
 the need for employees to separately report their T&A and cost distribution. This module will
 record information in a manner that complies with the center's TADS system and will
 function as a "front-end" for that system, enabling the T&A clerk to merge the data without
 having to reenter it.
- Reporting The ability to quickly produce tabular and graphical reports of planned and actual workforce activity.

Metrics:

Phase I - Prototype

The prototype system will perform the functions defined in the attached Specific Requirements without error or internal ambiguity in either the data integrity or operating system.

The prototype system will be delivered, successfully demonstrated, and be ready for β testing, in accordance with the attachment, by a selected pilot group, on or before the date agreed upon by the vendor's representative and the LaRC POC.

Phase II - Operational

The operational system will incorporate all functions and have all operating characteristics and improvements as defined at the end of the pilot program and agreed upon by the LaRC POC and the vendor. The operational system will execute all such functions in the manner agreed upon and without error or internal ambiguity in either the data integrity or operating system.

The operational system will be delivered, successfully demonstrated, and be ready for regular use by the customer organization on or before the date agreed upon by the vendor's representative and the LaRC POC.

Milestones:

•	Receipt of proposalJuly1.	199 6
•	Completion of Phase I (delivery of a functioning prototype system)July 31,	199 6
•	Complete evaluation by pilot group (customer milestone)Aug 15.	1996
•	Completion of Phase II (delivery of functioning operational system)Aug 31.	199 6

Lawrence E. Putnam Assistant Chief Aerodynamics Division. RTG

				1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLICITATION			<u> </u>	1 6
2. AME	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSU	ED BY CODE		7. ADMINIST	ERED BY (If other than from 6)	CODE
La Ha	itional Aeronautics and Space ngley Research Center Impton, VA 23681-0001				
8. NAM	E AND ADDRESS OF CONTRACTOR (NO	, street, county, State, and Zip Coo	te) (x)	BA. AMENDMENT OF SOLIC	ITATION NO.
82	CI Information Systems, Inc 260 Greensboro Drive, Suit cLean, VA 22102		×	98. DATED (SEE ITEM 11) 104. MODIFICATION OF COI NAS1-20650 108. DATED (SEE ITEM 13)	NTRACT/ORDER NO.
CODE	FAC			2/1/96	
		M ONLY APPLIES TO A			NS
Offers r (a) By c (c) By s RECEN OFFER makes	he above numbered solicitation is amended nust acknowledge receipt of this amendme completing items 8 and 15, and returning eparate letter or telegram which includes a ED AT THE PLACE DESIGNATED FOR T . If by virtue of this amendment you desire elerence to the solicitation and this amend COUNTING AND APPROPRIATION DATA	nt prior to the hour and date specifie copies of the amendment; (b) E reference to the solicitation and am HE RECEIPT OF OFFERS PRIOR to change an offer already submitte- ment, and is received prior to the op	ed in the solicital By acknowledgin Hendment numbo TO THE HOUR d, such change	lion or as amended, by one of the g receipt of this amendment on a ors. FAILURE OF YOUR ACKNO AND DATE SPECIFIED MAY RE may be made by telegram or lette	ach copy of the offer submitted; or WLEDGEMENT TO BE SULT IN REJECTION OF YOUR
	e Page 2.	(1) 1040000			
	13. THIS ITEM A	PPLIES ONLY TO MOD THE CONTRACT/ORD			
(X)	A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A.	URSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE N	MADE IN THE CONTRACT ORDER
X	52.243-2 Changes - Cost-Re	eimbursement (AUG 198	37) Altema	te II (APR 1984)	
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	TEM 14, PURSUANT TO THE AUT	THORITY OF FA	VR 43.103(b).	s changes in paying office,
	C. THIS SUPPLEMENTAL AGREEMEN	IS ENTERED INTO PURSUANT	O AUTHORITY	OF:	
<u></u>	D. OTHER (Specify type of modification	and authority)	·		
E, IMI	PORTANT: Contractor X is not, is req	uired to sign this document and	return	_ copies to the issuing office.	
14. DE	SCRIPTION OF AMENDMENT MODIFICA	TION (Organized by UCF section he	edings, includin	g solicitation/contract subject ma	tter where leasible.)

The Contractor is hereby authorized and directed, by contract change order, to perform the Statement of Work revisions contained herein. Appropriate contract schedule changes are as follows:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print)
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

		CAROLYN A. WELLS CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY MULLIN	16C. DATE SIGNED
(Signature of person authorized to sign)	l	(Signature of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-105 STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA		

FAR (48 CFR) 53.243

FILE CHAPY

A. Exhibit A, Statement of Work, Paragraph 8. is hereby changed as snown below by adding the following Job Description Documents by reference:

GM002.00 Combined Federal Campaign Application

B. A performance-based Job Description Document (JDD) including performance metrics is added to Exhibit G and is attached hereto."

C. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will be effected. The Govenrment will provide incremental funding for the revised effort by a separate modification.

	CONTRACT TABULATION						
	Estimated Cost	Award Fee	CPAF	Funding			
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000			
Mod. 1	• 0	0	0	25,000			
Mod. 2	0	0	0	0			
Mod. 3	0	0	0	150,000			
Mod. 4	0	0	0	100,000			
Mod. 5	31,500	1,264	32,764	12,764			
Mod. 6	0	0	0	20,000			
Mod. 7	0	0	0	285,000			
Mod. 8	92,033	3,693	95,726	70,726			
Mod. 9	0	0	0	70,000			
Mod. 10	0	0	0	461,260			
Mod. 11	0	0	0	94,000			
Mod. 12	0	0	0	997,014			
Mod. 13	0	0	0	0			
Mod. 14	0	0	0	0			
Total	\$3,645,433	\$206,657	\$3,852,090	\$3,406,764			

Funding includes \$3,305,414 for cost and \$101,350 for fee.

4

. •

Page 2 of 6 NAS1-20650 Modification No. 14

1

١

Assignment of Job Description Documents:

ب داد ت	Description	Effective Date	
<u>JDD #</u> AF001	OSEMA Management Information System	2-06-96	
م <u>ـ</u> =001.01	OSEMLA Management Information System	6-28-96	
GMG001	IOG COTS Database	2-29-96	
GMG001.01	IOG COTS Database	6-28-96	
	OSEMA Technology Assessment	3-14-96	
AF002	OSEMA Budge Module Update	3-14-96	
AF003	Integrated Financial Management Program	3-14-96	
H-4001	HSR Management Information System PCD Mods	3-14-96	
ICO1	Credit Card Reconciliation System	4-02-96	
H-1002	NASA Automated Audit Mgmt Sys. Enh. (OSEMA	.) 4-10-96	
47004	Facility Maintenance Augmentation Database	5-03-96	
G1001	MIS System Plan for LaRC	5-03-96	
GM001	TOD System Fran Ior Larce	5-03-96	
H3001	EPRS Mods to Support FAB Workforce Management System for Aero Division	6-28-96	
DA001		6-28-96	
AF005	Development of MIS Applications	6-28-96	
A_=C07 HB002.00	OSEMA Computer Infrastructure Support Management Information System for Lead	6-28-96	
GM002.00	Center Combined Federal Campaign Application	7-3-96	

.e. (

.

4

.

۰. •

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # GM002.00

Title: Combined Federal Campaign Application

LaRC Point of Contact: Robin Land, MISB Mail Stop 179 Phone 4-7632

Scope: Develop, implement and support an application for the electronic entry and reporting of CFC pledges by LaRC civil servant employees. The interface will be web based, accessible from multiple desktops using the Netscape web browser. The database will reside on Sybase housed on a RISC6000/390 platform. Data sources will be via user entry, downloaded from LaRC IBM Mainframe, and standard control files within the database.

The contractor will provide technical support, consulting, implementation, and training. Coordination of development will be the responsibility of the MISB point of contact. Acceptance testing will be conducted by CFC committee members, and LaRC civil servant personnel.

General Requirements: Automate the CFC Electronic Pledge process and develop an information system for reporting capabilities.

Performance Requirements:

1. Requirement: Develop and implement a CFC Electronic Pledge application.

- Create a CFC database, using the file structure in the functional requirements document.
- Develop the CFC electronic pledge application prototype.
- Demonstrate the prototype application to the LaRC CFC Committee, FMD and HRMD.
- Develop the CFC electronic pledge production application.
- Demonstrate the production application to the LaRC CFC Committee.
- Migrate the production database to the RISC6000/390 platform and modify the application as needed to access this database.

Metric:

- Delivery of the CFC Electronic Pledge application.
- 2. Requirement: Develop a CFC Information System.
 - Participate⁴ in the evaluation of desktop client tools which will access a Sybase database.
 - Develop predefined user reports using the selected desktop tool.
 - Develop an interface for accessing user reports.
 - Train CFC committee members, Keypersons, and Coordinators on the use of the CFC Information System.
 - Train CFC Committee members on the selected desktop tool so that they may generate unique reports as needed.

Metric:

- Delivery of the CFC Information System
- 3. Requirement: Generate and test the LaRC CFC Payroll Deduction file
 - Load the LaRC CFC Payroll deduction file from the CFC Sybase database, upload to the IBM Mainframe and test the file through the LaRC Payroll system.
 - Provide FMD Payroll with a report reflecting what is on the Payroll Deduction File. The
 report should be in alphabetical order by last name, and break and total on the first
 letter of last name. The report should also provide center totals.

Metric:

- File run through payroll generates zero errors.
- Acceptance of the CFC deductions and report by FMD Payroll personnel.
- 4. Requirement: Generate the CFC Donor file.
 - Develop a CFC Donor file record layout.
 - Load the CFC Donor file from the CFC Sybase database, and provide to Peninsula CFC Headquarters ADP support personnel.
 - Work with Peninsula CFC ADP support personnel to load the file into their system.
 - Prove CFC Peninsula Headquarters with a report reflecting what is on the CFC Donor File.

Metric:

- File is loaded onto CFC Donor system.
- Acceptance of LaRC CFC Donor file and report by Peninsula CFC personnel.

Milestones:

- 1. 7/8/96 Complete CFC Database on test Sybase; RISC6000/360 platform.
- 2. 7/19/96 Complete CFC Electronic Pledge Application prototype.
- 3. 8/1/96 Complete development of user standard reports and accessible interface.
- 4. 8/6/96 Complete production CFC Electronic Pledge Application.
- 5. 8/8/96 Complete migration of CFC database to RISC6000/390 platform.
- 6. 8/9/96 CFC Electronic Pledge Application System available for production use
- 7. 8/8/96 Complete user training on desktop client tool.
- 8. 8/9/96 CFC Information System available for production use.
- 9. 8/12/96 Acceptance of LaRC CFC Payroll Deduction file by FMD Payroll.
- 10. 8/16/96 Acceptance of LaRC Peninsula CFC Donor file by CFC Peninsula headquarters.

	·····		048 Aurent 6, 2709-0012		
AMENDMENT OF SOLICITAT	ION/MODIFICATION OF	CONTRA	T 1. CONTRACT	ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.					
2. AMENUMEN (/MUDIFICATION NO, 15	J. EFFECTIVE DATE	4. HEQUIAL	ION/PURCHABE REQ. NO.	6. PROJE	CT NO. (Il applicable)
		7. ADMINIST	ERED BY (If other than from 6)	CODE	
		7			L
National Aeronautics and I	Space Administration				
Langley Research Center					
Hampton, VA 23681-0001		1			
5. NAME AND ADDRESS OF CONTRACTOR	R (No., street, county, State, and Zip Co	1 50) (R)	DA. AMENDMENT OF SOL	CITATION NO.	
NCI Information Systems, Inc	C.		98. DATED (SEE ITEM 11)		
8260 Greensboro Drive, Suite		1			
McLean, VA 22102			10A. MODIFICATION OF C	ONTRACT/OR	DER NO.
		x	NAS1-20650		
		~	108. DATED (SEE ITEM 13	1)	
CODE	FACILITY CODE			•	
			2/1/96	0	
	ITEM ONLY APPLIES TO				· · · · · · · · · · · · · · · · · · ·
The above numbered edititation is eme				extended,	is not extended.
Offers must acknowledge receipt of this smers	iment prior to the nour end data specifie	ng in the solicitie	on or as amanded, by one of 2	ie foliowing mai	hoda:
(a) By completing items 8 and 15, and returning	g copies of the amendment; (b) By ecknowled	sing receipt of this amendment	on each copy o	If the offer submitted;
er (c) by separate latter or telegram which incl RECEIVED AT THE PLACE DESIGNATED FO					
OFFER. If by virue of this emendment you de					
Takes returning to the soliditation and this am 12. ACCOUNTING AND APPROPRIATION D		sening hour and	tan specified.		· · · · · · · · · · · · · · · · · · ·
	A (A (17 MBQ42F110))				
See Page 3.					
	APPLIES ONLY TO MOD			•	
	ES THE CONTRACT/ORDI				CONTRACT COOSE
(I) A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 16A.		INE CHANGES			CORTACT ORDER
	RACT/ORDER IS MODIFIED TO REFLE			s changes in p	eying office,
Appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO THE AUT IENT IS ENTERED INTO PURSUANT 1	HORITY OF FA	143,103(D).		
X 52.243-2 Changes - Cos D. OTHER (Specify gran of medifical	t Reimbursement (AUG 198	S/) Alternati	B II (APK 1984)		
	en 22 (Januxy)				
	<u>A</u>				
L IMPORTANT: Contractor Lis not,	S is required to sign this document	nt and return	3 copies to the issuir		
4. DEBCRIPTION OF AMENDMENT/MODIFI					
The purposes of this modification	-	-			-
for additional work added as a		-	•	• • •	
\$1,007,134 in incremental fun	ding to the contract. Accord	lingly, the fo	blowing changes are h	tereby mad	e to the
Contract Schedule:					
		•	and the state of second second	danaat and in	And frame and address
San NAME AND TITLE OF BIGNER (Type or	printj	164. NAME AN	D TITLE OF CONTRACTING	OFFICER (Type	or print)
CHARLES K. NARANG,	PRESIDENT				
			CARL THOMA		
68. CONTRACTORIOFFEROR	15C. DATE SIGNED	168. UNITED S	TATES OF AMERICA	16	O. DATE SIGNED
(Thank	8/8/96	BY (6 / lumond le		s/1/1
(Strangers of particular systemped in elegen	<u>, </u>		Minure of Constanting Officer)	<u></u>	5/7/96
Strature Straten systemisted/in algo an 7000 0. 19978	A (2011)		STAN	NDARD FORL	4 50 (m., 1946)
l V			Present		

7

A. Section B, B.2. cost is hereby increased by \$77,913 from \$3,645,433 to \$3,723.346 and award fee is increased by \$3,496 from \$206,637 to \$210,153 and the award fee available for the first period is increased by \$3.496 from \$105,807 to \$109,303 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$3,723,346 exclusive of the award fee of \$210,153 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$3,933,499.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 19	96 \$109,303

B. Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is increased by \$975,769 from \$2,684,414 to \$3,660,183 and is restated as follows:

"B. CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,660,183. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through September 30, 1996.

(b) An additional amount of \$132,715 is obligated under this contract for payment of

CONTRACT TABULATION

	Estimated Cost	Award Fee	CPAE	Funding
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31,500	1,264	32,764	12,764
Mod. 6	0	0	0	20,000
Mod. 7	0	0	0	285,000
Mod. 8	92,033	3,693	95,726	70,726
Mod. 9	0	0	0	70,000
Mod. 10	0	0	0	461,260
Mod. 11	0	0	0	94,00 0
Mod. 12	0	0	0	997,014

Page 2 of 3 NAS1-20650 Modification No. 15

fee."

Mod. 13	0	0	0	0
Mod. 14	0	0	0	0
Mod. 15	<u> </u>	3.496	81.409	<u>1.007.134</u>
	\$3,723,346	\$210,153	\$3,933,499	\$3,792,898

_____ ··__ ··_.

Funding includes \$3.660,183 for cost and \$132,715 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD <u>Number</u>	Estimated <u>Cost</u>	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	38,916	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	20,000	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	1 4,860	Mod. 15	5/24/96
1001.00	10,460	420	10.880	10.880	Mod. 15	3/31/96
Total	\$201,446	\$8,453	\$209,899	\$213,146		

ACCOUNTING AND APPROPRIATION DATA

99		5.00	A	Status	100	Change Order
PR	10	RTR	Amount	Status	ID	Mod. No.
AF.5380	R22142	32395010100	\$ 13,916	Complete	AF002.00	4
I.0 60 7	H15068	53709200400	880	Complete	I001.00	4
HA.2033	R21321	50590850100	(5,140)	Complete	HA001.00	4
AF.5375	R21142	32395010100	18,762	Complete	AF004.00	9
AE 5386	M3159	99230060100	50,090·	Complete	AF007.00	13
AF.5386	M3159	99230060100	19,000	Complete	AF001.00	13
AF.5374	M3159	99230060100	96, 899	Complete	AF005.00	13
DAI.1133	R20564	24230032000	10,000	Complete	DA001.00	13
HB.1246	R21623	50590850200	200,000	Complete	HB002.00	13
GI.9390	R20724	50559880600	14,902	Complete	GI001.00	11
HB.1247	R20719	50590850100	87,915	Complete	HB001.00	11
GMG.1365	A5163	28230022500	500,000	Complete	GMG001.00	13

Page 3 of 3 NAS1-20650 Modification No. 15

				CHIE AGED	MIL PROPERTY			
AMENDMENT OF SOLICITA	TION		CONTRAC	т	1. CONTRACT ID	CODE	PAGE 0	F PAGES
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE			ASE REQ. NO.	A PROIR	CT NO. (II A	4 -
16	1		4. Houseland					apricadre)
		<u>کٹک</u> مسلور برد 17 میں مع د -	7. ADMINIST	ERED BY (I	other then item ()	CODE	T	
National Aeronautics and		e Administration	}					
Langley Research Center								
Hampton, VA 23681-000	11							
B. NAME AND ADDRESS OF CONTRACTO	08 Ma	timet county State and Zip Cor	(x) (w)		NDMENT OF SOLIC	TATION NO		
							•	
NCT Information Sustains I				DE. DATE	D (SEE ITEM 11)			
NCI Information Systems, I					,			
8260 Greensboro Drive, Sul	10 400			1.04 100	DIFICATION OF CO	TRACTOR		
McLean, VA 22102						THACINON	DEH NO.	
					<u>\$1-20650</u>			
				198. DAT	ED (SEE ITEM 13)			
CODE	FACILI	TY CODE		2/1/	96			
14 THIS		ONLY APPLIES TO A	MENDME			Ng	·	
							· · · · · ·	
The above numbered solicitation is ar				•		itended,	k not axte	nded.
Offere must acknowledge receipt of this ame	namentp	ual a fie poil and dife sheave			indea, by one of the	scrowing me	CIEZIS;	
(a) By completing items 5 and 15, and return	ing	copies of the emendment; ()) By ecknowled	ging receipt	of the amendment of	1 ench 000 7 (of the offer a	ubmitted:
or (c) By securate letter or telegram which in								
RECEIVED AT THE PLACE DEBIGNATED I OFFER. If by virtue of this emerginant you of								
makes reference to the solicitation and this a	mencinia	nt, and is received prior to the op				, provident de		
12. ACCOUNTING AND APPROPRIATION	DATA (#	required)						
See Page 3.			_					
13. THIS ITE	M APP	LIES ONLY TO MODI	FICATION	S OF CC	NTRACTS/O	RDERS.		
		E CONTRACT/ORDE				•		
(1) A. THIS CHANGE ORDER IS ISSU							CONTRAC	ORDER
NO, IN ITEM 10A,								
B. THE ABOVE NUMBERED CON						changes in p	wying office,	
C. THIS SUPPLEMENTAL AGREE	HIN ITE	M 14, PURBUANT TO THE AUT	HORITY OF FA	A 49,109(b).				
X 52.243-2 Changes - Co			7) Alternat		(1984)			
D. OTHER (Specify type of madific		(waterny)						
							_	
E IMPORTANT: Contractor Die not,				<u> </u>	plan to the insuing	office,		
14. DEBCRIPTION OF AMENOMENT/MOD	FICATIO	N (Organized by UCF section he	edingic, including	y salisipitory	Contract subject mail	ter where fee	wibie.)	
The purposes of this modific	ention a	re to provide for a full	and coultab	vic adjust	ment nurmusnt	to the Ch	anges cla	1158
for additional work added as								
			-		-			
in incremental funding to the		ici. Accordingly, the lo	mowing cu	anges are	nereby made t	to the Con	Mact Sch	eque:
		(CONTI	NUEDI					
		•	•				A.H A	
Except as provided harsin, all terms and com 18A. NAME AND TITLE OF SIGNER (Type of					CONTRACTING O			a enect
		DESTDENT						
CHARLES K. NARAN	NG, P			_ C	IRL THOMAS	S WEIH		
168. CONTRACTOR OFFEROR		16C. DATE BIGNED	108. UNITED	STATES OF	AMERICA	. 10	C. DATE B	ANED
	۸	0/0/00	5 Y	. 11:71		11	- 1 -	
() Moen	<u></u>	8/8/96	يتبسرا	el Il	Linne 6C'2	<u> </u>	8/4/	46
Big and a prese autorized to a	mi			mesere of Co	nengting Officer)			· •
			-		Reader	DARD FORI	10 30 (fim. 14	44)
ι U					Fell (48 C	FR BLBL		
					-			
				FILE	Cí l			
*				. P ten ins				

.

A. Section B, B.2, cost is hereby increased by \$149,390 from \$3,723,346 to \$3,872,736 and award fee is increased by \$7,180 from \$210,153 to \$217,333 and the award fee available for the first period is increased by \$7,180 from \$109,303 to \$116,483 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$3,872,736 exclusive of the award fee of \$217,333 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$4,090,069.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 116,483

B. Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is increased by \$132,318 from \$3,660,183 to \$3,792,501 and is restated as follows:

"B. CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,792,501. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through September 30, 1996.

(b) An additional amount of \$136,967 is obligated under this contract for payment of

`*************************************

	Estimated Cost	Award Fee	CPAF	Funding
Basic	\$3,521,900	\$2 01, 70 0	\$3,723,600	\$500,000
Mod, 1	0	. 0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31,500	1,264	32,764	12,764
Mod, 6	0	0	0	20.000
Mod. 7	0	0	0	285,000
Mod. 8	92 ,033	3,693	95,726	70,726
Mod. 9	0	0	0	70,000
Mod. 10	0	0	0	461,260
Mod. 11	0	0	0	94,000
Mod. 12	0	0	0	997,014
Mod. 13	0	0	0	0

CONTRACT TABULATION

Page 2 of 3 NAS1-20650 Modification No. 16

fee."

Mod. 14	0	0	0	0
Mod. 15	77,913	3,496	81,409	1,007,134
Mod. 16	149.390	7.180	156.570	136.570
	\$3,872,736	\$217,333	\$4.090.069	\$3,929,468

_____ ·

.

~

Funding includes \$3,792,501 for cost and \$136,967 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD Number	Estimated <u>Cost</u>	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
AF001.00	\$ 31,500	\$ 1,264	\$ 32,764	\$32,764	Mod. 5	3/1 /96
GMG001.00	92,033	3,693	95,726	95,726	Mod, 8	3/29/96
AF002.00	38,524	1,572	40,0 96	38,916	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	20,000	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
I001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149.390	7,180	156.570	156.570	Mod. 16	6/31/96
Total	\$350,836	\$15,633	\$366,469	\$369,716		

ACCOUNTING AND APPROPRIATION DATA

PR	<u>10</u>	RTR	Amount	Status	IJD	Change Order <u>Mod. No.</u>
HA.2036	R21321	5059085 0100	\$ 36,570	Complete	HA002.00	6
HA.2035	R21321	5059085 0100	\$100,000	Complete	HA002.00	6

-

Shill Address I. 1759-5541						
				1. CONTRACT I	CODE	PAGE OF PAGES
AMENDMENT OF SOLICITA	TION/MODIFICATION OF	CONTRAC	T			1 3
2. AMENDMENT/MODIFICATION NO. 17	3. EFFECTIVE DATE AUG 0 9 1005	4. REQUISIT	ONPURC	HABE REQ. NO.	5. PROJE	CT NO. (If applicable)
6. IBBUED BY		7. ADMINIST	ERED 8Y	(If other than hern 6)	CODE	
National Aeronautics and Langley Research Center Hampton, VA 23681-000	r f					
8. NAME AND ADDRESS OF CONTRACTO	DR (No., arrest, county, State, and Zip Coo	50) (II)	GA. AM	ENDMENT OF BOLIC	ITATION NO.	······
NCI Information Systems, E	DC		BB. DA	TED (SEE ITEM 11)		
8260 Greensboro Drive. Sui			1			
McLean, VA 22102			10A. M	DIFICATION OF CO	NTRACTOR	DER NO.
Michean, VA 22102		x		AS1-20650		
		^		ATED (SEE ITEM 13)		
CODE	FACILITY CODE	<u> </u>	1	1 /96		
14 TLIC	TEM ONLY APPLIES TO A	MENDME			NIG	
IT MODIF (1) A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 16A, B. THE ABOVE NUMBERED CON Appropriation date, etc.) SET FORT O. THIS SUPPLEMENTAL AGREE X. 52.243-2 Changes - Co	ing	FICATION FICATION R NO. AS THE OMANGES FICATION R NO. AS THE OMANGES THE OMANGES THE OMANGES THE OMANGES	Ing receip bars. FAI and DATI way be ma late possi S OF C DESC! BET FOR BET FOR BETRATIV 3 49,1931 DF:	R of this emendment of LURE OF YOUR ACK 2 SPECIFIED MAY RE de by wiegram of lett de by wiegram of lett hed. CONTRACTS/O RIBED IN ITEM TH IN ITEM 14 ARE TH IN ITEM 14 ARE CHANGES (2007 at 1).	RDERS, 14,	of the offer submitted; ENT TO BE JECTION OF YOUR Inch telegreem or letter
D. OTHER (Specify type of modific	seniori and authority)					
E. IMPORTANT: Constantor is not. 14. DESCRIPTION OF AMENDMENT/MOD						

The purposes of this modification are to provide for a full and equitable adjustment pursuant to the Changes clause for additional work added as a result of Modification/Change Order No. 9 dated April 10, 1996. Accordingly, the following changes are hereby made to the Contract Schedule:

(CONTINUED)

Except as provided herein, all jerns and conditions of the document referenced in term 9A or 19A, as hereiptors charged, remains uncharged and in full targe and effect. 15A, NAME AND TITLE OF BIGNER (Type or print)
15A, NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

CHARLES K. NARANG, PF	ESIDENT	CARL THOMAS WEIH			
158. CONTRACTOR OFFERDR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA 18C. DATE BIGNED			
Maarp	8/8/96	By Carl Themas Ciely 8/9/16			
(Signature of person algorithmiand to sign)		(Signative of Contracting Officer)			
	2	And STANDARD FORM 20 (Pur. 1943) Provident by each FAR (46 CPR) \$12,313			
-		FILE CO			

Section B, B.2, cost is hereby increased by \$85,324 from \$3,872,736 to \$3,958,060 and award fee is increased by \$3,579 from \$217,333 to \$220,912 and the award fee available for the first period is increased by \$3,579 from \$116,483 to \$120,062 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$3,958,060 exclusive of the award fee of \$220,912 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$4,178,972.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$120,062

CONTRACT TABULATION

	Estimated Cost	Award Fee	CPAF	Funding
Basic	\$3,521,900	\$201, 700	\$3,723,600	\$500,000
Mod. 1	0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31, 500	1,264	32,764	12,764
Mod. 6	0	0	0	20,000
Mod. 7	0	0	0	285,000
Mod. 8	92,033	3,693	95,726	70,726
Mod. 9	0	0	0	70,000
Mod. 10	0	0	0	461,260
Mod. 11	0	0	0	94,000
Mod. 12	0	0	0	997,014
Mod. 13	0	0	0	0
Mod. 14	0	. 0	0	0
Mod. 15	77,913	3,496	81,409	1,007,134
Mod. 16	149,390	7,180	156,570	136,570
Mod. 17	85.324	3.579	88,903	0
	\$3,958,060	\$220,912	\$4,178.972	\$3,929.468

Funding includes \$3,792,501 for cost and \$136,967 for fee.

Page 2 of 3 NAS1-20650 Modification No. 17

. . _ _

....

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
AF001.00	\$ 31,500	\$ 1,264	\$ 32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	38,916	Mod. 15	5/24/96
AF003.00	1 4,90 7	666	15.573	20,000	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
IOO 1.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	6/31/96
AF004.00	85.324	3.579	88.903	88.762	Mod. 17	8/31/96
Total	\$436,160	\$19,212	\$455,372	\$458,478		-

.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

·····

Page 3 of 3 NAS1-20650 Modification No. 17

-

			c	МВ А	pproval # 2700-0042			
					1. CONTRACT ID CODE			PAGES
AMENDMENT OF SOLICITA CONTRACT	TION	MODIFICATION OF					1	2
2. AMENDMENT/MODIFICATION NO. 18		3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. 5.			5. PF	OJECT NO). (If applicable)
6. ISSUED BY	CODE		7. AD	WINIST	ERED BY (If other than item 6)	co	DE	
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001	•	Administration						
8. NAME AND ADDRESS OF CONTRACT	OR (NO	o., street, county, State, and Zip C	Code)	(x)	94. AMENDMENT OF SOLIC	ITATIO	N NO.	
NCI Information System				ł	AD DATED (DEE ITEM 14)			·····
8260 Greensboro Drive,	Suit	e 400		{	9B. DATED (SEE ITEM 11)			
McLean, VA 22102								
					10A. MODIFICATION OF CO	NTRAC	T/ORDER	40,
				X	NAS1-20650 10B. DATED (SEE ITEM 13)			
CODE	EACI			-				
			A 1 4 5 1 1		2/1/96			
<u>11(HIS</u>	TIEN	ONLY APPLIES TO	AMENI		NIS OF SOLICITATIC	113		·
(a) By completing items 8 and 15, and return or (c) By separate letter or telegram which is RECEIVED AT THE PLACE DESIGNATED YOUR OFFER. If by virtue of this amendm telegram or letter makes reference to the si 12, ACCOUNTING AND APPROPRIATION	FOR T ent you olicitatic	a reference to the solicitation ar HE RECEIPT OF OFFERS PRIC desire to change an offer already on and this amendment, and is re	nd amend OR TO TH v submitte	ment n IE HOL d. suct	umbers. FAILURE OF YOUR A IR AND DATE SPECIFIED MAY I change may be made by telegr	CKNOV RESUL am or k	VLEDGEME	NT TO BE
N/A								
13. THIS ITEI	MAP	PLIES ONLY TO MOD	IFICAT	FION	S OF CONTRACTS/O	RDE	RS,	
IT MODIF	IES 1	THE CONTRACT/ORD	ER NC). AS	DESCRIBED IN ITEN	14.		ONTRACT
(X) A. THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A.	UED P	URSUANT TO: (Specify authorit	IY) THE C	HANG	ES SET FORTH IN ITEM 14 AR	E MADI		JNTRACT
8. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR	RTH IN I	TEM 14, PURSUANT TO THE A	UTHORI	YOF	FAR 43.103(b).	as cha	nges in pay	ing office,
C. THIS SUPPLEMENTAL AGRE	EMEN	IS ENTERED INTO PURSUAN	T TO AUT	HORIT	TY OF:			
X D. OTHER (Specify type of modil	ication .	and authority)						
18-52.216-76 Award Fe	ee for	Service Contracts (SE	P 199	3)			. <u></u>	
E. IMPORTANT: Contractor X is not					copies to the issuing offic			
14. DESCRIPTION OF AMENDMENT/MO	DIFICA	TION (Organized by UCF section	headings	, includ	ling solicitation/contract subject	matter	where feasil	¥8.)
The purpose of this modific amount earned as determined as	catior ned b	n is revise the award feature the Government. Ac	e avail cordin	abie olv. t	for the first award fee he following change is	perioo herel	d to refle by made	ct the to the
Contract Schedule:							-	
*								

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type o CAROLYN A. WELLS CONTRACTING OFFICER	r print)
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 16C. D BY ALLIN ALLING (Signature & Contracting Officer)	DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	0-105 STANDARD FORM 30 (Prescribed by GSA FAR (48 CFR) 53.243	Rev. 10-83)

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragrap. , the award fee available for the first award fee period is \$96,000 and is shown below:

•В. The award fee available for each evaluation period is as follows:

Period

ł

Available Award Fee

February 1, 1996 - July 31, 1996

\$96,000"

***********	********	******	*************	*****	*************			
CONTRACT TABULATION								
-	Estimated Cost	Award Fee	CPAF	Funding				
_ ·	AA 604 000	8004 7 00	£0.700.000	¢500.000				
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000				
Mod. 1	. 0	0	0	25,000				
Mod. 2	0	0	0	0				
Mod. 3	0	0	0	150,000				
Mod. 4	0	0	0	100,000				
Mod. 5	31,500	1,264	32,764	12,764				
Mod. 6	0	0	0	20,000				
Mod. 7	0	Ō	0	285,000				
Mod. 8	92,033	3,693	95,726	70,726				
Mod. 9	02,000	0,000	0	70,000				
Mod. 10	ŏ	Ő	Ő	461,260				
Mod. 10 Mod. 11	0	0	ő	94,000				
	0	0	0	997,014				
Mod. 12	0	-		557,014				
Mod. 13	0	0	. U	0				
Mod. 14	0	0	. 0	0				
Mod. 15	77,913	3,496	81,409	1,007,134				
Mod. 16	149,390	7,180	156,570	136,570				
Mod. 17	85,324	3,579	88,903	0				
Mod. 18	. 0	0	0	0				
Total	\$3,958,060	\$220,912	\$4,178,972	\$3,929,468				

.

Funding includes \$3,792,501 for cost and \$136,967 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD <u>Number</u>	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
AF001.00	\$ 31,500	\$ 1,264	\$ 32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	38,916	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	20,000	Mod. 15	4/15/96
HA001.00	14.022	838	14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	√ 7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3.579	88,903	88,762	Mod. 17	8/31/96

Except as provided herein, all terms and conditions of the document referenced in tiem 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CO CAROLYN A. W CONTRACTING	ELLS	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AM BY <u>MADUM</u>	1.11200	16C. DATE SIGNED
(Signature of person authorized to sign)	1	(Signature,6f Contra		
NSN 7540-01-152-8070 BREVIOUS EDITION UNUSABLE	30	-105	STANDARD FOR Prescribed by GSA FAR (48 CFR) 53.2	

				c	MB A	pproval #: 2700-0042			
			كبكا سياحا جناب يقنيه وينهيني سينتي بين	· · · · · · · · · · · · · · · · · · ·		1. CONTRACT ID CODE	1	GE O	FPAGES
	NDMENT OF SOLICITA	TION	MODIFICATION OF				1		2
2. AME	NDMENT/MODIFICATION NO.		3. EFFECTIVE DATE SEP 1 / 1996			ION/PURCHASE REQ. NO.		T NO	. (If applicable)
6. ISSL	ED BY	CODE		7. AD	MINIST	ERED BY (If other than item 6)	CODE	L	
La Ha	ational Aeronautics and s ngley Research Center ampton, VA 23681-000	1		odol	1.42	94. AMENDMENT OF SOLIC			
8. NAW	E AND ADDRESS OF CONTRAC		o., street, county, state, and zip c	009)	(x)	SA. ANENDMENT OF SOLIO			
82	Cl Information System 260 Greensboro Drive cLean, VA 22102					9B. DATED (SEE ITEM 11)			
						10A. MODIFICATION OF CO	NTRACT/OR	DERM	Ю.
					x	NAS1-20650			
						10B. DATED (SEE ITEM 13)			
CODE		FAC	LITY CODE		1	2/1/96			
	11. THIS	TEN	ONLY APPLIES TO A	MEN	DME	NTS OF SOLICITATIC	DNS		
(a) By c or (c) B RECEN	The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.								
12. AC	COUNTING AND APPROPRIATIO	N DATA	(If required)						
	IT MODIF A. THIS CHANGE ORDER IS IS	IES "	PLIES ONLY TO MOD THE CONTRACT/ORD URSUANT TO: (Specify Buthority	ER NC). AS	DESCRIBED IN ITEM	1 14.		NTRACT
	ORDER NO. IN ITEM 10A.								
X	B. THE ABOVE NUMBERED CC appropriation date, etc.) SET FO	RTH IN	ITEM 14, PURSUANT TO THE AI	UTHORI	TYOF	FAR 43.103(b).	h as changes i	in payl	ing office,
	C. THIS SUPPLEMENTAL AGR	EEMEN	T IS ENTERED INTO PURSUANT	TO AU	THORI	TY OF:			
	D. OTHER (Specify type of mod	lication	and authority)			······································			
E. IM	PORTANT: Contractor X is no	t. is re	uired to sign this document ar	nd return	۱ <u> </u>	copies to the issuing offic	e.		
14. DE	SCRIPTION OF AMENDMENT	DIFICA	TION (Organized by UCF section	heading	s, inclu	ding solicitation/contract subject	matter where	íeasit	le.)

ſ

The purpose of this modification is to add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made to the Contract Schedule:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and

4,

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS CONTRACTING OFFICER
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA 16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contragling Officer)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	FILE C	STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

Section B, B.3, Contract Funding, the total amount allotted for payment of cost exclusive of fixed fee is increased by \$93,592 from \$3,792,501 to \$3,886,093 and is restated as follows:

"B.3, CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,886,093. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through October 31, 1996.

(b) An additional amount of \$136,967 is obligated under this contract for payment of fee."

	CONTRACT TABULATION					
	Estimated Cost	Award Fee	CPAF	Funding		
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000		
Mod. 1	. 0	0	0	25,000		
Mod. 2	0	0	0	0		
Mod. 3	0	0	0	150,000		
Mod. 4	0	0	0	100,000		
Mod. 5	31,500	1,264	32,764	12,764		
Mod. 6	0	0	0	20,000		
Mod. 7	0	0	0	285,000		
Mod. 8*	92,033	3,693	95,726	70,726		
Mod. 9	0	0	0	70,000		
Mod. 10	0	0	0	461,260		
Mod. 11	0	0	0	94,000		
Mod. 12	0	0	0	997,014		
Mod. 13	0	. 0	0	0		
Mod. 14	0	0	0	0		
Mod. 15	77,913	3,496	81,409	1,007,134		
Mod. 16	149,390	7,180	156,570	136,570		
Mod. 17	85,324	3,579	88,903	0		
Mod. 18	0	0	0	<u>93,592</u>		
Total	\$3,958,060	\$220,912	\$4,178,972	\$4,023,060		

Funding includes \$3,886,093 for cost and \$136,967 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	JO	RTR	AMOUNT	STATUS	JJD
GMG.1388 GMG.1399 AFD.1025	A5162 A5161 A5402	28230021500 28230020500 28220092200	\$45,000 19,132 29,460	Complete Complete Complete	GM002.00 GM002.00

Page 2 of 2 NAS1-20650 Modification No. 19

20 0CT 0.7 1996 See Page 3 6. ISSUED BY CODE 7. ADMINISTERED BY (If other than Item 6) CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 7. ADMINISTERED BY (If other than Item 6) CODE 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county; State, and Zip Code) (X) 9A. AMENDMENT OF SOLICITATION NO. NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-20650 10B. DATED (SEE ITEM 13)				OMB A	pproval #: 2700-0042	
20 OCT 0.7 1996 See Page 3 6. ISSUED BY CODE 7. ADMINISTERED BY (If other than flum 6) CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 7. ADMINISTERED BY (If other than flum 6) CODE 8. INME AND ADDRESS OF CONTRACTOR (No., street, county; State, and Zip Code) (b) 94. AMENDMENT OF SOLICITATION NO. NCL Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 104. MODIFICATION OF CONTRACT/ORDER NO. 200E FACILITY CODE 104. MODIFICATION OF CONTRACT/ORDER NO. 200E FACILITY CODE 104. MODIFICATION OF CONTRACT/ORDER NO. 200F FACILITY CODE 108. DATED (SEE ITEM 13) 200C0 CONTRACTOR NO. X 2007 FACILITY CODE is not attraction of Second of the astrone of the street on the street of th			I/MODIFICATION OF		1. CONTRACT ID CODE	
5. ISSUED BY CODE 7. ADMINISTERED BY (if other than item 6) CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 7. ADMINISTERED BY (if other than item 6) CODE 8. NAME AND ADDRESS OF CONTRACTOR (No, street, county: State, and Zip Code) (a) 94. AMENDMENT OF SOLICITATION NO. NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 96. DATED (SEE ITEM 11) McLean, VA 22102 104. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-20650 108. DATED (SEE ITEM 13) 2/1/96 20DE FACILITY CODE 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers More must actionweighte receipt of this amendment prior to the hour and date specified for receipt of Offers is extended. ORR must actionweighte receipt of this amendment prior to the hour and date specified for receipt of Offers is extended. ORR must actionweighte receipt of this amendment prior to the hour and date specified for receipt of Market submitter. (b) spacing mendment more and for and reduct while middes are compared to the agen mendment more and anteriment minimuse. FAILURE OF YOUR ACKNOW EDDEDEENT TO DE TECEVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELECTION OF (ORR FERE. If Wy vinto of this ame		ENDMENT/MODIFICATION NO.		4. REQUISIT		5. PROJECT NO. (If applicable
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 4 8. NME AND ADDRESS OF CONTRACTOR (No., street, county; State, and Zip Code) (x) 94. AMENDMENT OF SOLICITATION NO. NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 98. DATED (SEE ITEM 11) 104. MODIFICATION OF CONTRACT/ORDER NO. x NAS1-20650 108. DATED (SEE ITEM 13) 200E FACILITY CODE 2/1/96 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing lense 8 and 15, and returning cosici of the amendment; (b) By acknowledging receipt of Offers Line amendment on each copy of the offer submitted cosici bit on angle and reference to the solicitation and memdment mumber. FAILIRE OF YOUR ACKNOWLEDGEMENT TO BE ECEIVED AT THE PLACE DE DESIGNATED POR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN IT RESULT IN REJECTION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN IT RESULT IN REJECTION OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (c) By spatind witch induces an offer aridea's another			OCT 0 7 1996			
Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) 8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 98. DATED (SEE ITEM 11) 104. MODIFICATION OF CONTRACTORDER NO. X NAS1-20650 106. DATED (SEE ITEM 13) 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS Note above numbered solicitation is amended as set forth in tem 14. The hour and date specified for receipt of Offers is added. If the above numbered solicitation is amended as set forth in tem 14. The hour and date specified for receipt of Offers is added. If the above numbered solicitation are integers of the samedment; (b) By acknowledging receipt of this amendment prior to the hour and date specified in the solicitation or as amended. Jp one of the offer submittee Cic By separate mixtic includes a reference to the solicitation and amendment numbers, FALURE OF YOUR ACKNOWLEDGEWENT TO BE EECEVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PHICH TO THE HOUR AND DAYR RESULT IN NELECTION OF COUNTING AND APPROPRIATION DATA. (Irreguired) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SEE FORTH IN ITEM 14. (X) A. THIS CHANGE DECONTRACTORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 10 AUTHORITY OF: 52.243-2 Changes - Cost Relimburstement (AUG 1987) All II (APR 1984) 0. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and retur_3_ copies to the issuing office.	6. ISS	UED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 10A. MODIFICATION OF CONTRACT/ORDER NO. x NAS1-20650 10B. DATED (SEE ITEM 13) 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 2/1/96 12. COUNTRACTOR 2/100 2/11/96 2/11. THIS ITEM ONLY APPLIES ONLY TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF FORMATION AND APPROPRIATION DATA (# required) 2/2000 See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONT	L	angley Research Center	e Administration		برۇدى.	1
8260 Greensboro Drive, Suite 400 McLean, VA 22102 98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. x X NAS1-20650 10B. DATED (SEE ITEM 13) 2/1/96 2000E FACILITY CODE 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended. Gress must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment not be solicitation and arrendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF PERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF CONTRACTION OF CONTRACTORY 2000R OFFER, if by vitue of this amendment prior to the amendment, and is received prior to the opening hour and date specified. 2. ACCOUNTING AND APROPRATION DATA (if required) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES (such as changes in paying office. 8. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office.	8. NA	ME AND ADDRESS OF CONTRACTOR (N	o., street, county; State, and Zip C	code) (x)	9A. AMENDMENT OF SOLIC	TATION NO.
X XAS1-20650 Xing Control (See Trem 13) Zing Control (See Trem 14) See Trem 14 and the mandment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: See Control (See Trem 14) See Trem 14 and returning copies of the amendment; See Trem 14 and the same diment on the set of this amendment on the Set of this amendment on the Set of Youth AcKNOWLEDGEMENT TO BE See Control (See Trem 14) See Trem 14 and the Set of the set o	8	260 Greensboro Drive, Suit				
IDB. DATED (SEE ITEM 13) 2/1/96 III. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended, is not extended. Others must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submittee or (e) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE EXECTIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRICE TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF FOUR OFFERS PRICE TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF FOUR OFFERS PRICE THE MAY RESULT IN REJECTION OF FOUR OFFERS PRICE TO THE HOUR AND PROPRIATION DATA (<i>It required</i>) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF: S2.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor					10A. MODIFICATION OF CON	NTRACT/ORDER NO.
CODE FACILITY CODE 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submittee or (c) By spacehowledging receipt of this amendment on each copy of the offer submittee or (c) By spacehowledging receipt of this amendment on each copy of the offer submittee or (c) By spacehowledging receipt of this amendment on each copy of the offer submittee or (c) By acknowledging receipt of this amendment on each copy of the offer submittee or (c) By spacehowledge or the HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF FOUR OFFER. If by virtue of this amendment, you desire to change an offer already submitted, such change may be made by telegram or letter, provided each elegram or letter, makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 2. ACCOUNTING AND APPROPRIATION DATA (<i>If required</i>) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (<i>Specify authority</i>) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 14. (x) A				x	NAS1-20650	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. THIS item of the amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submittee yr (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRICH TO THE HOUR AND DATS ESPECIFIED MAY RESULT IN REJECTION OF fOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each elegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (<i>If required</i>) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority) D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.					10B. DATED (SEE ITEM 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitter (c) By sparate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE EECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF FOUR ACKNOWLEDGEMENT TO BE EECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF FOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each elegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 2. ACCOUNTING AND APPROPRIATION DATA (<i>II required</i>) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM	CODE	FAC	LITY CODE		2/1/96	
extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: a) By completing thems 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submittee or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF (OUR OFFER. If by virtue of this amendment) you desire to change an offer already submitted, such change may be made by telegram or letter, provided each elegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. ARE MADE IN THE CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF: 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (specify type of modification and authority) D. OTHER (specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.		11. THIS ITEN	ONLY APPLIES TO A	MENDME	NTS OF SOLICITATIO	NS
ACCOUNTING AND APPROPRIATION DATA (If required) See Page 3 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.	extend Offers (a) By or (c) E RECEI YOUR	ed. must acknowledge receipt of this amendme completing Items 8 and 15, and returning by separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR 1 OFFER. If by virtue of this amendment you	nt prior to the hour and date speci copies of the amendment; (b) s a reference to the solicitation an HE RECEIPT OF OFFERS PRIO desire to change an offer already	fied in the solici) By acknowledg d amendment no R TO THE HOU submitted, such	tation or as amended, by one of t ing receipt of this amendment on umbers. FAILURE OF YOUR AC R AND DATE SPECIFIED MAY I change may be made by telegra	he following methods: each copy of the offer submitted; KNOWLEDGEMENT TO BE RESULT IN REJECTION OF m or letter, provided each
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.	12. AC	COUNTING AND APPROPRIATION DATA				
ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.		13. THIS ITEM AP				,
appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.	(x)		URSUANT TO: (Specify authority) THE CHANG	ES SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT
52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor is not, X is required to sign this document and return _3 copies to the issuing office.	-					as changes in paying office,
E. IMPORTANT: Contractor is not, X is required to sign this document and return <u>3</u> copies to the issuing office.	Х	52.243-2 Changes - Cost Rei	imbursement (AUG 198			
		D. UTHER (Specify type of modification i	ana authority)			
4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)						
	14. DE	SCRIPTION OF AMENDMENT/MODIFICAT	NON (Organized by UCF section I	headings, includ	ling solicitation/contract subject m	natter where feasible.)

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause for additional work added as a result of Modification/Change Order No. 11 dated May 10, 1996. Accordingly, the following change is hereby made to the Contract Schedule:

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS CONTRACTING OFFICER			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)		(Signature of Contracting Officer)	OCT 0 7 1996		
NSN 7540-01-152-8070	30-105 STAI		D FORM 30 (Rev. 10-83)		
PREVIOUS EDITION UNUSABLE		Prescribed t			
		FAR (48 CFI	R) 53.243		

A. Section B, B.2, cost is hereby increased by \$198,325 from \$3,958,060 to \$4,156,385 and award fee is increased by \$9,441 from \$220,912 to \$230,353 and the award fee available for the second period is increased by \$9,441 from \$100,850 to \$110,291 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$4,156,385 exclusive of the award fee of \$230,353 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$4,386,738.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	110,291

B. Incremental funding in the amount of \$6,000 for cost has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,892,093. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through October 31, 1996.

(b) An additional amount of \$136,967 is obligated under this contract for payment of fee."

*********	********	******	******	*******	******
		CONTRAC	T TABULATION		
	Estimated Cost	Award Fee	CPAF	Funding	
_ ·	A A ZA 4 A AA	A004 700	*** 7*** ***	* 500.000	
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000	
Mod. 1	. 0	0	U	25,000	
Mod. 2	0	0	0	U	
Mod. 3	0	0	0	150,000	
Mod. 4	0	0	0	100,000	
Mod. 5	31,500	1,264	32,764	12,764	
Mod. 6	0	0	0	20,000	
Mod. 7	0	0	0	285,000	
Mod. 8`	92,033	3,693	95,726	70,726	
Mod. 9	0	0	0	70,000	
Mod. 10	0	0	0	461,260	
Mod. 11	0	0	0	94,000	
Mod. 12	0	0	0	997,014	
Mod. 13	Ō	0	0	0	
Mod. 14	õ	Ō	0	0	
Mod. 15	77,913	3,496	81,409	1,007,134	
Mod. 16	149,390	7,180	156,570	136,570	
Mod. 17	85,324	3,579	88,903	0	
Mod. 18	0	0	0	0	
Mod. 19	Ō	Ō	0	93,592	
Mod. 20	<u>198,325</u>	9,441	207,766	6,000	
Total	\$4,156,385	\$230,353	\$4,386,738	\$4,023,060	
	es \$3,892,093 for cost a			₩ ¬, 02 0,000	
i unung include	53 40,032,030 101 00308		u.		

Page 2 of 3 NAS1-20650 Modification No. 20

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD <u>Number</u>	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
AF001.00	\$ 31,500	\$ 1,264	\$ 32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	38,916	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	20,000	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	84,950	80,000	Mod. 20	9/30/96
HB001.00	93,058	4,857	97,915	97,915	Mod. 20	9/03/96
Total	\$634,485	\$28,653	\$663,138	\$661,294		

ACCOUNTING AND APPROPRIATION DATA

. . .

<u>PR</u>	<u></u>	RTR	AMOUNT	<u>STATUS</u>	JDD
GI.9162	R20724	50559880600	3,000	Complete	GI001.00
HB.1242	R20719	50590850100	3,000	Complete	HB001.00

Page 3 of 3 NAS1-20650 Modification No. 20

			OMB A	pproval N 00-0042	
AMEN	IDMENT OF SOLICITATIO	N/MODIFICATION OF CO	ONTRACT	1 CONTRACT ID CODE	PAGE OF PAGES
	NDMENT/MODIFICATION NO. 21	3 EFFECTIVE DATE	4. REQUISIT	ION/PURCHASE REQ. NO. AF .5425	5. PROJECT NO. (If applicable)
6 ISSU	ED BY CO	DE	7. ADMINIST	ERED BY (If other than Item 6)	CODE
La	tional Aeronautics and Spa ngley Research Center Impton, VA 23681-0001	ce Administration			
8. NAM	E AND ADDRESS OF CONTRACTOR	(No., street, county, State, and Zip C	Code) (x)	9A. AMENDMENT OF SOLICI	TATION NO.
NC	I Information Systems, Inc.				
	60 Greensboro Drive, Suite			9B. DATED (SEE ITEM 11)	
	Lean, VA 22102				
				10A. MODIFICATION OF CON	NTRACT/ORDER NO.
				NAS1-20650	
			X	10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE		2/1/96	
		ITEM ONLY APPLIES TO			IS
	the second se				xtended, is not extended.
Offers n	he above numbered solicitation is ame nust acknowledge receipt of this amend	Iment prior to the hour and date spec	ified in the solicital	tion or as amended, by one of the	
(c) By s AT THE by virtue reference 12, AC	ompleting Items 8 and 15, and returnin eparate letter or telegram which include PLACE DESIGNATED FOR THE REC e of this amendment you desire to char se to the solicitation and this amendmed COUNTING AND APPROPRIATION D R: AF 5425; R21143; \$24	es a reference to the solicitation and a SEIPT OF OFFERS PRIOR TO THE ge an offer already submitted, such on th, and is received prior to the openin ATA (If required)	amendment numbe HOUR AND DATE	SPECIFIED MAY RESULT IN R	
<u></u>	13. THIS ITEN	APPLIES ONLY TO MO		S OF CONTRACTS/OR	DERS, 14
(x)	A. THIS CHANGE ORDER IS ISSUE	D PURSUANT TO: (Specify authori	ty) THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT
	ORDER NO. IN ITEM 10A.				
X	B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORTH	RACT/ORDER IS MODIFIED TO RE I IN ITEM 14, PURSUANT TO THE A	FLECT THE ADM	NISTRATIVE CHANGES (such a AR 43.103(b).	s changes in paying office,
	C. THIS SUPPLEMENTAL AGREEM	MENT IS ENTERED INTO PURSUAN	IT TO AUTHORIT	Y OF:	
	D. OTHER (Specify type of modifica	tion and authority)			
E. IM	PORTANT: Contractor X is not,	is required to sign this docum	ent and return	copies to the issuing o	office.
14. DE	SCRIPTION OF AMENDMENT/MODIF	ICATION (Organized by UCF section	n headings, includi	ng solicitation/contract subject ma	itter where feasible.)
TI cl	ne purpose of this modificat ause. Accordingly, the follo	ion is to add incremental f wing changes is hereby m	unding to the nade to the C	contract pursuant to the ontract Schedule:	e Contract Funding
		(Continued))		
C	as provided herein, all terms and cond	itions of the document referenced in	Item 9A or 10A. as	heretofore changed, remains und	changed and in full force and effect.
	AME AND TITLE OF SIGNER (Type of		16A. NAME /	AND TITLE OF CONTRACTING C	OFFICER (Type or print)

م

-

IDA. NAME AND TITLE OF SIGNER (Type of pinn)		Panice H. Clark	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY Pance H Clark	16C. DATE SIGNED
(Signature of person authorized to sign)	7	(Signature of Contracting Officer)	1 191/10
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105 STANDARD FO Prescribed by GS/ FAR (48 CFR) 53.	

NAS1-20650 Modification No. 21

Incremental funding in the amount of \$245,000 for cost has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$4,137,093. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through December 12, 1996.

(b) An additional amount of \$136,967 is obligated under this contract for payment of fee."

Contract Tabulation

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31,500	1,264	32,764	12,764
Mod. 6	0	0	0	20,000
Mod. 7	0	0	0	285,000
Mod. 8	92,033	3,693	95,726	70,726
Mod. 9	0	0	0	70,000
Mod. 10	0	0	0	461,260
Mod. 11	0	0	0	94,000
Mod. 12	0	0	0	997,014
Mod. 13	0	0	0	0
Mod. 14	0	0	0	0
Mod. 15	77,913	3,496	81,409	1,007,134
Mod. 16	149,390	7,180	156,570	136 <i>,</i> 570
Mod. 17	85,324	3,579	88,903	0
Mod. 18	0	0	0	0
Mod. 19	0	0	0	93,592
Mod. 20	198,325	9,441	207,766	6,000
Mod. 21	0	0	0	245,000
Total	\$4,156,385	\$230,353	\$4,386,738	\$4,274,060

Funding includes \$4,137,093 for cost and \$136,967 for fee.

				0	MB A	pproval #: 20042			
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT						1. CONTRACT ID CODE P			OF PAGES 3
2. AME	NDMENT/MODIFICATION NO.		3. EFFECTIVE DATE	4. REQ	UISIT	ION/PURCHASE REQ, NO.	5. PRO	JECT NO	D. (If applicable)
	22		OCT 2 4 1996	-					
b. 1880	JED BY C	ODE		7. ADM	INIS I	ERED BY (If other than Item 6)	CODI		
La	ational Aeronautics and S angley Research Center ampton, VA 23681-0001	•	Administration			*			
8. NAN	E AND ADDRESS OF CONTRACT	OR (N	o., street, county, State, and Zip C	(ebo	(X)	9A. AMENDMENT OF SOLI	CITATION	NO.	
		_							
	CI Information Systems			ľ					
82	260 Greensboro Drive,	Suit	e 400			9B. DATED (SEE ITEM 11)			
М	cLean, VA 22102								- <u>-</u>
						10A. MODIFICATION OF CO	ONTRACT	ORDER	NO.
							تتجعبه	۴.	
				X NAS1-20650 108. DATED (SEE ITEM 13)					
CODE		FAC	LITY CODE			2/1/96			
	11 TUIS		ONLY APPLIES TO A						
extende Offers r (a) By c or (c) B RECEN YOUR telegrat	The above numbered solicitation is an ed. nust acknowledge receipt of this am- completing items 8 and 15, and return y separate letter or telegram which in ZED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme n or letter makes reference to the so COUNTING AND APPROPRIATION	ondme ning nclude FOR 1 ont you licitatik	nt prior to the hour and date speci copies of the amendment; (b) s a reference to the solicitation an HE RECEIPT OF OFFERS PRIO desire to change an offer already on and this amendment, and is rec	ified in the) By ackno d amendm R TO THE submitted	solici wledg ient ni HOU , such	lation or as amended, by one of ing receipt of this amendment of umbers. FAILURE OF YOUR A R AND DATE SPECIFIED MAY change may be made by teleg	on each co CKNOWL RESULT ram or lette	ing metho py of the EDGEME IN REJE(offer submitted; NT TO BE CTION OF
			PLIES ONLY TO MOD					S,	
<u> </u>			THE CONTRACT/ORD						
(x)	A. THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A.		URSUANT TO: (Specify authonit)	y) The Cr	IANG				UNTRACT
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							ing office,	
×	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.243-2 Changes - Cost Reimbursement (AUG 1987) Alt II (APR 1984) D. OTHER (Specify type of modification and authority)								
E. IMI	PORTANT: Contractor is not,	X is re	equired to sign this document a	and return	_3	copies to the issuing o	ffice.		-
	SCRIPTION OF AMENDMENT/MOD					ling solicitation/contract subject	matter wh	ere feasil	ole.)
cl	ne purpose of this modific ause for additional work a ccordingly, the following c	Iddeo	as a result of Modifica	tion/Ch	ang	e Order No. 14 dated			ges

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)				
		CAROLYN A. WELLS				
		CONTRACTING OFFICER				
Hornes & NonAny Pros	rdent					
	DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED			
(Signature of person authorized to kign) (01	18 91	BY UNING OFFICER	OCT 2 4 1996			
N 7540-01-152-8070	30-	Prescribed by G	ORM 30 (Rev. 10-83) SA			
-		FAR (48 CFR) 5	SIZ43 FILE CO			

A. Section B, B.2, cost is hereby increased by \$61,189 from \$4,156,385 to $\frac{1}{2},217,574$ and award fee is increased by \$2,943 from \$230,353 to \$233,296 and the award fee available for the second period is increased by \$2,943 from \$110,291 to \$113,234 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$4,217,574 exclusive of the award fee of \$233,296 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$4,450,869.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee			
February 1, 1996 - July 31, 1996	\$96,000			
August 1. 1996 - January 31, 1997	113,234			

CONTRACT TABULATION

			-	
	Estimated Cost	Award Fee	CPAF	Funding
Basic	\$3,521,900	\$201,700	\$3,723,600	\$500,000
Mod. 1	. 0	0	0	25,000
Mod. 2	0	0	0	0
Mod. 3	0	0	0	150,000
Mod. 4	0	0	0	100,000
Mod. 5	31,500	1,264	32,764	12,764
Mod. 6	0	0	0	20,000
Mod. 7	0	0	0	285,000
Mod. 8`	92,033	3,693	95,726	70,726
Mod. 9	0	0	0	70,000
Mod. 10	0	0	0	461,260
Mod. 11	0	0	0	94,000
Mod. 12	0	0	0	997,014
Mod. 13	0	0	0	0
Mod. 14	0	0	0	0
Mod. 15	77,913	3,496	81,409	1,007,134
Mod. 16	149,390	7,180	156,570	136,570
Mod. 17	85,324	3,579	88,903	0
Mod. 18	0	0	0	0
Mod. 19	0	0	0	93,592
Mod. 20	198,325	9,441	207,766	6,000
Mod. 21	0	0	0	245,000
Mod. 22	61,189	2,943	64,131	0
Total	\$4,217,574	\$233,296	\$4,450,869	\$4,274,060

Funding includes \$4,137,093 for cost and \$136,967 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD <u>Number</u>	Estimated <u>Cost</u>	Award <u>Fee</u>	CPAF	Funding	Modification Definitized	Completion Date
AF001.00 GMG001.00 AF002.00 AF003.00 HA001.00 I001.00 HA002.00 AF004.00 GI001.00	\$31,500 92,033 38,524 14,907 14,022 10,460 149,390 85,324 23,810	\$1,264 3,693 1,572 666 838 420 7,180 3,579 1,091	\$32,764 95,726 40,096 15,573 14,860 10,880 156,570 88,903 24,901	\$32,764 95,726 38,916 20,000 14,860 10,880 156,570 88,762 24,901	Mod. 5 Mod. 8 Mod. 15 Mod. 15 Mod. 15 Mod. 15 Mod. 15 Mod. 16 Mod. 17 Mod. 20	3/1/96 3/29/96 5/24/96 4/15/96 5/24/96 3/31/96 7/31/96 8/31/96 10/30/96
GM001.00 HB001.00 GM002.00 Total	81,457 93,058 <u>61,189</u> \$695,674	3,493 4,857 <u>2,943</u> \$31,596	84,950 97,915 <u>64,132</u> \$727,270	80,000 97,915 <u>64,132</u> \$725,426	Mod. 20 Mod. 20 Mod. 22	9/30/96 9/03/96 11/04/96

Page 3 of 3 NAS1-20650 Modification No. 22

۰...,

			Approval #: 2	0042			
AMENDMENT OF SOLICITATIO	N/MODIFICATION OF		1. CONTRA	ID CODE	P 1	AGE O	F PAGES 3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISI	TION/PURCHASE	REQ. NO.	5. PROJE	CT NO.	(If applicable)
23	NOV 2 2 1996				-		[pp
6. ISSUED BY CODE		7. ADMINIS	TERED BY (If othe	r than Item 6)	CODE	Τ	
National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001	e Administration					•	
8. NAME AND ADDRESS OF CONTRACTOR (to street county State and Zin (9A. AMENDME	NT OF COULD	TATIONING		
			J SA. AMENDME	INT OF SOLIC	TATION NO	•	
NCI Information Systems, In							
			OR DATED (S	EE ITEM 44)		_	
8260 Greensboro Drive, Sui	te 400		98. DATED (S	EE II EM II)			
McLean, VA 22102							
-		1	10A. MODIFIC	ATION OF CO	NTRACT/OR	DER N	D .
·		×	NAS1-2				
			10B. DATED (SEE ITEM 13)			
			2/1/96				
11. THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SO	LICITATIC	NS		
The above numbered solicitation is amende	ed as set forth in Item 14. The hou	r and date spec	ified for receipt of		s extended.	<u>і</u>	not
extended.					,	_	
Offers must acknowledge receipt of this amendme	ent prior to the hour and date spec	ified in the solic	itation or as amen	ded, by one of t	he following	methods	5:
RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment you elegram or letter makes reference to the solicitati 12. ACCOUNTING AND APPROPRIATION DAT,	u desire to change an offer already ion and this amendment, and is re- A (If required)	submitted, such ceived prior to th	h change may be n ne opening hour an	nade by telegra id date specifie	ım or letter, p d.	REJECT rovided	ION OF each
13. THIS ITEM AF IT MODIFIES	PPLIES ONLY TO MOD THE CONTRACT/ORD	IFICATION ER NO. AS	S OF CONT DESCRIBE	RACTS/OI	RDERS, 14.		
(X) A. THIS CHANGE ORDER IS ISSUED F ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) THE CHANG	ES SET FORTH I	NITEM 14 ARE	MADE IN T	HE CON	ITRACT
B. THE ABOVE NUMBERED CONTRAC							
appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE AU	JTHORITY OF	FAR 43.103(b).	ANGES (SUCH	as changes i	n payınç	ј описе,
X C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT	TO AUTHORIT	TY OF:				
52.243-2 Changes - Cost Re	imbursement (AUG 198	87) Alt II (Al	PR 1984)				
D. OTHER (Specify type of modification	and authority)	······					
E. IMPORTANT: Contractor is not, X is r	equired to sign this document a	nd return 3	copies to t	ne issuing offi	ce.		
4. DESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section	headings, includ	ding solicitation/co	ntract subject n	natter where	feasible	.)
The purpose of this modification following change is hereby made	n is to revise FAR Claus le to the Contract Sched	e 52.232-2 lule:	2Limitation	of Funds.	Accordi	ngly, t	he
except as provided herein, all terms and condition	s of the document referenced in He	am 9A or 10A or	s herelolore chanc	led remains	ichanised are	1 in 6-8 f	ores and
nieci.							
5A. NAME AND TITLE OF SIGNER (Type or pril	nr)		ND TITLE OF CON		FFICER (Typ	e or pri	nt)
CHARLES K. NARANG			LYN A. WE				
PRESIDENT		CONT	RACTING C	DFFICER			
58. CONTRACTORIOFFEROR	15C. DATE SIGNED	168. UNITED	STATES OF AME	RICA	160	. DATE	SIGNED
$($ $^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$	11/15/96	- 12	LoV.	()/1,11.	7,2		
(Signature of person authorized to sign)-		BY	weips "	jwl2		INUV	2 2 199
ISN 7540-01-152-8070			nature of Contracti	<u></u>	20 50511		40.001
REVIOUS EDITION UNUSABLE				S I ANDAI Prescribed	RD FORM 3	iu (Rev	. 10-83)
	•			FAR (48 CI			

FILE COPY

(2) The Contractor is not ligated to continue performance u is this contract (including actions under the Termination clause of this contract) or otherwise incur costs in excess of (i) the amount then allotted to the contract by the Government or, (ii) if this is a cost-sharing contract, the amount then allotted by the Government to the contract plus the Contractor's corresponding share, until the Contracting Officer notifies the Contractor in writing that the amount allotted by the Government has been increased and specifies an increased amount, which shall then constitute the total amount allotted by the Government to this contract.

(g) The estimated cost shall be increased to the extent that (1) the amount allotted by the Government or, (2) if this is a cost-sharing contract, the amount then allotted by the Government to the contract plus the Contractor's corresponding share, exceeds the estimated cost specified in the Schedule/Change Order. If this is a cost-sharing contract, the increase shall be allocated in accordance with the formula specified in the Schedule/Change Order.

(h) No notice, communication, or representation in any form other than that specified in subparagraph (f)(2) above, or from any person other than the Contracting Officer, shall affect the amount allotted by the Government to this contract. In the absence of the specified notice, the Government is not obligated to reimburse the Contractor for any costs in excess of the total amount allotted by the Government to this contract, whether incurred during the course of the contract or as a result of termination.

(i) When and to the extent that the amount allotted by the Government to the contract is increased, any costs the Contractor incurs before the increase that are in excess of (1) the amount previously allotted by the Government or, (2) if this is a cost-sharing contract, the amount previously allotted by the Government to the contract plus the Contractor's corresponding share, shall be allowable to the same extent as if incurred afterward, unless the Contracting Officer issues a termination or other notice and directs that the increase is solely to cover termination or other specified expenses.

(j) Change orders shall not be considered an authorization to exceed the amount allotted by the Government specified in the Schedule/Change Order, unless they contain a statement increasing the amount allotted.

(k) Nothing in this clause shall affect the right of the Government to terminate this contract. If this contract is terminated, the Government and the Contractor shall negotiate an equitable distribution of all property produced or purchased under the contract, based upon the share of costs incurred by each.

(I) If the Government does not allot sufficient funds to allow completion of the work, the Contractor is entitled to a percentage of the fee specified in the Schedule/Change Order equaling the percentage of completion of the work contemplated by this contract.

Page 3 of 3 NAS1-20650 Modification No. 23

			1		pproval #: 2700-0042	
	NDMENT OF SOLICITA	TION/MODIFICA	TION OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AME	NDMENT/MODIFICATION NO.	3. EFFECTIVE		4. REQUISIT	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable
6. ISS	JED BY C	ODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
La	ational Aeronautics and S angley Research Center ampton, VA 23681-0001		tion			
8. NAM	AE AND ADDRESS OF CONTRACT	OR (No., street, county,	State, and Zip Co	ode) (x)	9A. AMENDMENT OF SOLK	CITATION NO.
8	CI Information System: 260 Greensboro Drive, IcLean, VA 22102	•			98. DATED (SEE ITEM 11)	
					10A. MODIFICATION OF CC	NTRACT/ORDER NO.
				x	NAS1-20650	
					10B. DATED (SEE ITEM 13)	
CODE	11. THIS	FACILITY CODE			2/1/96 NTS OF SOLICITATIO	
extende Offers (a) By (or (c) E RECEI YOUR	The above numbered solicitation is a ed. must acknowledge receipt of this am completing items 8 and 15, and retur by separate letter or telegram which i VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendment or or letter makes reference to the sc	endment prior to the horn ning copies of the ncludes a reference to to FOR THE RECEIPT Of ent you desire to change	ur and date specif e amendment; (b) he solicitation and F OFFERS PRIO e an offer already	fied in the solic By acknowledg d amendment n R TO THE HOU submitted, sucl	itation or as amended, by one of ging receipt of this amendment o umbers. FAILURE OF YOUR A JR AND DATE SPECIFIED MAY n change may be made by telegr	n each copy of the offer submitted CKNOWLEDGEMENT TO BĘ RESULT IN REJECTION OF am or letter, provided each
12. AC	COUNTING AND APPROPRIATION				to opening near and date speein	
(x)	13. THIS ITEN	IES THE CONTR	RACT/ORDE	ER NO. AS	S OF CONTRACTS/C DESCRIBED IN ITEM JES SET FORTH IN ITEM 14 AF	A 14.
	ORDER NO. IN ITEM 10A.			,		
Х	B. THE ABOVE NUMBERED COI appropriation date, etc.) SET FOR					h as changes in paying office,
	C. THIS SUPPLEMENTAL AGRE	EMENT IS ENTERED IN	NTO PURSUANT	TO AUTHORI	TY OF:	
	D. OTHER (Specify type of modif	ication and authority)				<u> </u>
E. IM	PORTANT: Contractor X is no	t. is required to sign t	his document a	nd return	copies to the issuing offi	
	SCRIPTION OF AMENDMENT/MO					

The purpose of this modification is to add incremental funding to the contract pursuant to the Contract Funding Clause. Accordingly, the following change is hereby made to the Contract Schedule:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS CONTRACTING OFFICER
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATESTOF AMERICA 160. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer) NEV 1 5 1996
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	L105 STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

ACCOUNTING AND APPROPRIATION DATA

PR	JO	RTR	AMOUNT	<u>STATUS</u>	JDD
AF 5427	M3159	99230060100	\$52,570.00	Complete	AF007.00
AF 5427	R21143	32397010100	8,815.70	Complete	
AF 5427	M3159	99230060100	23,950.30	Complete	

-

.

CORRECTIONS TO ACCOUNTING AND APPROPRIATION DATA

PR	<u> </u>	<u>RTR</u>	AMOUNT	<u>STATUS</u>	JDD	MOD. NO.
AF.5425	R21143	32397010100	\$124,931	Complete	AF001.01	21
AF.5425	R21143	32397010100	120,069	Complete	AF007.00	21
AF.5374	M3159	99230060100	37,881	Complete	AF001.01	15
AF.5374	M3159	99230060100	59,018	Complete	AF005.00	15

.

			pproval #: 2700-0042		
AMENDMENT OF SOLICITATION	MODIFICATION OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 25	3. EFFECTIVE DATE NOV 27 Ser	4. REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than item 6)	CODE	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration		* ,		
8. NAME AND ADDRESS OF CONTRACTOR (No	, street, county, State, and Zip C	code) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
NCI Information Systems, Inc 8260 Greensboro Drive, Suit McLean, VA 22102			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CO	NTRACT/ORDER NO.	
		x	NAS1-20650		
			108. DATED (SEE ITEM 13)		
			2/1/96	<u></u>	
11. THIS ITEM	ONLY APPLIES TO			is extended. is not	
 (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer sub or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO I REJECTIVE AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PROR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION C YOUR OFFER. If by vitue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and his amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (<i>If required</i>) GMG.1410; JO: A5160; RTR: 28230020400; \$2,120,000 (Complete) (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: X D. OTHER (Specify type of modification and authority) Section H, H.3, Options E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to exercise the first 12-month option period and add incremental funding 					
the contract. Accordingly, the f Except as provided herein, all terms and condition effect. 15A. NAME AND TITLE OF SIGNER (Type or pr	s of the document referenced in t	tem 9A or 10A, 16A. NAME / PANI		OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED		16C. DATE SIGNED	
]	BY		and ularly	
(Signature of person authorized to sign) (Signature of Contracting Officer)					

(Signature of person authorized to)
NSN 7540-01-152-8070	
PREVIOUS EDITION UNUSABLE	

FILE CORE

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

A. Section B, B.2, Estimated Cost, Award Fee, and Fixed Fee, is hereby replaced by the following to include the cost and fee associated with the exercise of the First Option Period. The increase in the cost is \$3,517,800 and the increase in the award fee is \$204,100

S. 199

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$7,735,374, exclusive of the award fee of \$437,396. The total estimated cost, award fee, and fixed fee is \$8,172,770."

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	113,234
February 1, 1997 - July 31, 1997	102,050
August 1, 1997 - January 31, 1998	102,050"

B. Funding in the amount of \$2,120,000 for cost and fee has been added to Section B, B-3, Contract Funding and is shown below:

*B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,270,162. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through July 22, 1997.

(b) An additional amount of \$209,234 is obligated under this contract for payment of fee."

C. Section F, F.1, Period of Performance, is hereby replaced by the following:

"F.1 PERIOD OF PERFORMANCE (NASA 18-52.212-74) (DEC 1988)

The period of performance of this contract shall be 24 months from the effective date of the contract."

CONTRACT TABULATION

	Estimated	Award Fee	CPAF	Funding
Through Mod. 24 Mod. 25	<u>Cost</u> \$4,217,574	\$233,296	\$4 ,450,870	\$4,359,396
Total	<u>3,517,800</u> \$7,735,374	<u>204,100</u> \$437,396	<u>3,721,900</u> \$8,172,770	<u>2,120,000</u> \$6,479,396

Funding includes \$6,270,162 for cost and \$209,234 for fee.

₹ <u>₹</u> ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩			1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION	MODIFICATION OF C	ONTRACT		1 13
2. AMENDMENT/MODIFICATION NO. 26	3. EFFECTIVE DATE.	4. REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than item 6)	CODE
	1			
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001			÷	
			······	
8. NAME AND ADDRESS OF CONTRACTOR (M	o., street, county, State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLICI	TATION NO.
NCI Information Systems, Inc	_			
-			98. DATED (SEE ITEM 11)	
8260 Greensboro Drive, Suit	e 400		SO. DATED (SEETTEM TI)	
McLean, VA 22102				
			10A. MODIFICATION OF COM	NTRACT/ORDER NO.
		×	NAS1-20650 108. DATED (SEE ITEM 13)	
CODE				
			2/1/96	
	EM ONLY APPLIES TO			NS
The above numbered solicitation is amende				xtended, is not extended.
Offers must acknowledge receipt of this amendme	int prior to the hour and date specifi	ied in the solicitat	ion or as amended, by one of the	following methods:
(a) By completing Items 8 and 15, and returning	copies of the amendment; (b)	By acknowledgin	g receipt of this amendment on e	ach copy of the offer submitted; or
(c) By separate letter or telegram which includes a RECEIVED AT THE PLACE DESIGNATED FOR T	THE RECEIPT OF OFFERS PRIOR	nendment numbe	INS. FAILURE OF YOUR ACKNO AND DATE SPECIFIED MAY RE	WLEDGEMENT TO BE
OFFER. If by virtue of this amendment you desire	to change an offer already submitte	ed, such change i	may be made by telegram or lette	r, provided each telegram or letter
makes reference to the solicitation and this amend 12. ACCOUNTING AND APPROPRIATION DATA	iment, and is received prior to the o	pening hour and	date specified.	
See Page 3.				
13. THIS ITEM A	PPLIES ONLY TO MOD	FICATION	S OF CONTRACTS/OF	RDERS,
IT MODIFIES	THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.
(X) A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A.	URSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE N	ADE IN THE CONTRACT ORDER
X 52.243-2 Changes - Cost-R	eimbursement (AUG 19	87) Alternat	te II (APR 1984)	
B. THE ABOVE NUMBERED CONTRAC				changes in paving office
appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	· · · · · · · · · · · · · · · · · · ·
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification	and authority)			
E. IMPORTANT: Contractor X is not, is req				
E. IMPURIANI: CONTRICIONA REPORT REPORT	wired to sign this document and	return	copies to the issuing office.	

The contractor is hereby authorized and directed, by contract change order, to implement changes to the contract Statement of Work as noted below. Incremental funding is allotted to the contract pursuant to the Contract Funding clause. Accordingly, the changes are as follows:

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print)
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	D-105 STANDARD F Prescribed by C FAR (48 CFR)	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	
		BY MALIN !! Wille	5 7 19981
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA	16C. DATE SIGNED
		CONTRACTING OFFICER	
		CAROLYN A. WELLS	

FILE COPY

A. Exhibit A, Statement of Work, is hereby changed as shown below:

1. Section 8, Applications Development and Enhancements, is revised to incorporate the following Job Description Documents (JDD) by reference:

GMG002.00	LaRC's Data Warehousing and Implementation
AF006.00	SYBASE Conversion of OSEMA MIS Budget Module
AF009.00	Badge and Pass System

2. Section 8, Applications Development and Enhancements, is revised to incorporate the following modifications to existing Job Description Documents (JDD) by reference:

GMG001.02 IOG COTS Database

B. A performance-based JDD including performance metrics is added to Exhibit G and is attached hereto.

C. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will be effected.

D. Funding in the amount of \$590,233 for cost and fee has been added to Section B, B-3, Contract Funding and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,828,042. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through July 22, 1997.

(b) An additional amount of \$241,587 is obligated under this contract for payment of fee."

CONTRACT TABULATION

	<u>Estimated</u> Cost	Award Fee	CPAF	Funding
Through Mod. 24	\$4, <mark>217,</mark> 574	\$233,296	\$4,450,870	\$4,359,396
Mod. 25	3,517,800	204,100	3,721,900	2,120,000
Mod. 26	0	0	0	<u>590,233</u>
Total	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
	2			

Funding includes \$6,828,042 for cost and \$241,587 for fee.

ACCOUNTING AND APPROPRIATION DATA

PR	<u> </u>	RTR	AMOUNT	<u>STATUS</u>	JDD
GMG.1414	A5487	28230021400	\$180,000	Complete	GMG001.02
GMG.1415	A5487	28230021400	275,000	Complete	GMG002.00
GMG.1412	M3058	99230020700	4,950	Complete	GM001.00
AFC.1209	M3159	99230060100	39,199	Complete	AF006.00
AFC.1209	M3159	99230060100	90,073	Complete	AF009.00
AFC.1209	M3159	99230060100	1,011	Complete	

1

CORRECTIONS TO ACCOUNTING AND APPROPRIATION DATA

PR	JO	RTR	AMOUNT	<u>STATUS</u>	JDD	<u>MOD. NO.</u>
AF.5427	R21143	32397010100	\$8,816	Complete	AF006.00	24
AF.5427	M3159	99230060100	23,950	Complete	AF006.00	24
AFD.1025	A5402	28220092200	17,362	Complete	AF006.00	19
AFD.1025	A5402	28220092200	2,440	Complete	AF002.00	19
AF.5366	M3159	99230060100	-6,391	Complete	AF003.00	4
AF.5366	M3159	99230060100	6,391	Complete		

REVISED DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD <u>Number</u>	Estimated <u>Cost</u>	Award <u>Fee</u>	CPAF	Funding	Modification Definitized	Completion <u>Date</u>
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	64,132	64,132	Mod. 22	11/04/96
Total	\$695,674	\$31,596	\$727,270	\$726,425		

Assignment of Job Description Documents:

:

<u>JDD #</u> AF001 AF001.01 GMG001	<u>Description</u> <u>E</u> OSEMA Management Information System OSEMA Management Information System IOG COTS Database	ffective Date 2-06-96 6-19-96
GMG001.01	IOG COTS Database	2-29-96 6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96

Job Description Document for BAMIS Contract (NAS1-20650)

JDD# GMG002

Title: LaRC's Data Warehousing Development and Implementation

NASA/LaRC Technical Monitor:

Fred Moore Mail Stop 179 4-6332

Scope:

Across the Center, multiple information systems have been or are being developed in support of organizations for performing their functions. The systems consist of large databases on mainframes, client servers, and standalone devices. In order to meet the continuing needs of management information and reporting, the Center will implement a data warehouse capability for more timely and efficient delivery of information to the Center.

The warehouse will be a subject oriented information provider using front- end analysis and presentation software. Examples of the front-end software are Decision Support systems (DDS), Executive Information Management Systems, and spreadsheets which allow analyst and decision makers to effectively access, manipulate and utilized needed information. Sources of the data warehouse are normally operational production data bases and data files. This raw data is scrubbed, manipulated, and reconfigured for input into the Data Warehouse storage. The data are generally organized around subject information that is frequently applicable across organizations for analysis and decision support activities. The data will be periodically updated using sophisticated front-end tools that seamlessly access the cleanest and best organized internal/external information. This allows the user to perform normally arduous analytical calculation and information queries in a very effective and timely manner. A consistent and reliable source of enterprise data and information is required to support the implementation of the Center's strategic and quality plans.

The implementation must take into consideration the changes occurring within NASA overall information management plans, user requirements, existing systems and data administration, application of off-the-self technology and available resources. The Data Warehousing Development and Implementation effort will occur in three phases. The first phase will define and document the approach and scope of the Center's Data Warehouse. Phase Two will develop the design, a prototype, the data model, and the overall architecture. Phase Three will develop and implement the Data Warehouse.

Specific Requirements:

1. <u>Requirements:</u> The first phase of the LaRC's Data Warehousing Development and Implementation activity is an assessment of existing data warehousing efforts which will provide guidance on the scope of this effort. This phase will clearly define and document the process and scope of the application of data warehousing concepts. Some of the planning issues consist of:

- Identification of the different classes of users.

- Definition of each classes needs.

- Determination of the granularity of data required to support each class of user needs.

- Determination of the temporal (or time) value of the data.

Ę

- Development of a method of assuring tractability of the data.

- Establishing source controls and filtering.

- Developing monitoring approaches to ensure the effectiveness of the design.

- A migration plan for introducing new data sources to the warehouse should be part of the planning phase.

Metric:

• Provide draft of data warehousing implementation plan 1 month after receipt of the Government's requirements.

• Final plan within 2 weeks of the approval by the Government of the above draft plan.

2. <u>Requirements:</u> The second phase of the LaRC's Data Warehousing Development and Implementation activity will develop the design, a prototype, the data model, and the overall architecture, such as multi-tier and enterprise warehousing. Some of the implementation and development issues consist of:

- System design should be top down.

- Implementation should be from the bottom up.

- A data warehouse is not just a collection of data extracted from various operational data systems so a key component of the design should be the

manipulation and integration of the source data.

- Most data warehouses that rely on manual (ftp, sneaker-net, etc.) downloading of data are short-lived.

- Segmentation of the warehouse to support different types of access improve performance.

- Administration of the warehouse is a significant task and responsibility should be assigned accordingly.

These requirements will be clarified and/or expanded with findings from Phase 1.

Metric:

• Delivery of draft versions of the required documentation within a month of the acceptance of the final plan delivered in Phase 1.

• A preliminary design review (PDR) within 2 months of receipt of the final plan delivered in Phase 1.

• A final critical design review (CDR) within 1 month after PDR.

• Deliver all final required document within 2 weeks after the CDR.

3. <u>Requirements:</u> The third phase of the LaRC's Data Warehousing Development and Implementation is the actual development and implementation of the data warehouse. Some of the issues to consider during the development consist of:

- Interfaces to Agencywide systems.

- Centerwide cross-platform accessibility.

- Data query provided with reports as well as ad hoc access.

- Application of off-the-shelf technologies.

These requirements will be clarified and/or expanded with findings from Phase 1 and Phase 2.

11/21/96

Metric:

• Software development/COTS implementation to be completed and tested within 2 months after CDR.

2

2

• Beta testing completed 2 weeks after software delivery. • User training plans and documentation delivered such as user dictionary delivered within 2 weeks after software acceptance.

The Government's decision to proceed with Phase 2 or Phase 3 will be based on satisfactory completion of the previous phase.

£.....

7. S.S.

Job Description Document for BAMIS Contract (NAS1-20650)

JDD # GMG001.02

Title: IOG COTS Database (Revision 2)

LaRC Point of Contact:	Fred Moore
	Mail Stop 179
	Phone 43243

Scope:

The Center is currently undergoing significant changes in the way that the Center will do business. For example, the Center will track Center costs by using full cost accounting, employ activity based management for managing work, and implement new Agency-wide integrated financial management systems (IFMP) for official accounting purposes.

With these Center changes and the recent completion of phase-1 of JDD GMG001, this JDD will be expanded to include adapting additional functionality into the operational system for supporting the Center's initiatives and the additional functionality for supporting IOG Product Line management process. These additional modules are required to allow IOG to collect and define data for supporting the Center and Agency planning and reporting requirements.

General Requirements:

Provide Support for all programming, documentation, and implementation on a 4D/Sybase client server environment.

Specific Requirements:

1. <u>Requirement:</u> With the initial requirements for the Workload/Workforce module being completed, the requirements for the additional functions has to be defined, designed, coded, tested, and implemented using a normal software development methodology. Before this process is put into place the COTS DB systems has be configured for production. This involves defining and documenting existing code, the required data & database administrative functions and the operations procedures. A test plan has to be defined and documented for testing the system to ensure up time to the user is over 90%. A help desk has to be established and trained on the COTS DB system and to support the user with implementation and help on their desktop hardware & software systems.

Metric: • Provide a stable operational application running on the SUN platform by Dec. 9, 1996.

• Establish Help Desk by Dec. 2, 1996.

Prepare documentation and conduct workshop on the administrative process for maintaining the WL/WF module and DB during week of January 13, 1997.

• Demonstration cross platform capability of the client access to the COTS DB during week of January 13, 1997.

6

2. <u>Requirement:</u> With the Workload/Workforce module in a productional mode, addition functionality is being requested. Examples of the additional functionality consists of : FTE budgeting, Actual versus Plans, and financial planning(Center Operating Plans, COPS). This requirements is to provide consultation in defining the requirements for meeting the requested functionality. This activity will involve design sessions for defining and documenting requirements, and documenting the design. With these requirements, a proposal will be prepared and following government acceptance, the additional function development will follow normal software development methodology.

Metric:

• After initial discussion of each new function with the IOG Central Office, a schedule for defining and documenting each new function will be defined.

3. <u>Requirement:</u> With each new function clearly defined and each proposal accepted by the government, the required software will be developed, tested, and implemented. The required training for the end user will be provided.

Metric:

• The metric will be the scheduled and dollar value proposed and accepted by the government.

• The software will be implemented with minimal disruption, ex. no more than one day and no loss of data.

4. <u>Requirement:</u> The information technology required by IOG to managment by Product Lines may require additional development of database modules. The requirements of these module will have to be defined and documented. This activity will require consultation and support in defining these requirements and the associated interfaces to the existing IOG COTS DB modules and or Center-wide systems.

Metric:

• The definition and documentation of scope of module and its requirements will be completed within three weeks of the governments direction for go ahead and committment of schedule for capturing requirements.

and and a second se Second second

Job Description Document for BAMIS Contract NAS1-20650

JDD AF-006

Title: SYBASE Conversion of OSEMA MIS Budget Module

2

LaRC	Point	of	Contract:	

Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 757-864-3361

Scope

Provide necessary programming support to convert the existing version of the OSEMA MIS Budget module from a 4D database application running on a 4D server to a Sybase database application running on a UNIX based workstation.

General Requirements

The application will use 4th Dimension for the standardized OSEMA interface as a front end and SYBASE running on OSEMA's SUN UXIX Server. The OSEMA Budget system shall be accessible from the appropriate computers (Macintosh, PCs running MS Windows 95) used by OSEMA personnel, and shall provide the standardized OSEMA user interface including four levels of access control. Response time will be a critical performance measure and must guide the database development. Access to the OSEMA Budget module shall be available to all OSEMA users across LaRC's network links. Protection of the data during transmission and in the database is vital and appropriate backup capability must be included.

Specific Requirements

- 1. Develop the OSEMA Budget module database under Sybase on the SUN SparcStation 20.
- 2. Migrate the OSEMA Budget module from the current 4D server to the SUN SparcStation 20.
- 3. Demonstrate error-free functionality of the OSEMA Budget module upon delivery.
- 4. Provide training for users of the OSEMA Budget module.

Metrics

- 1. Full LaRC network access and functionality of the OSEMA Budget module from remote desktop (PC with Windows 95 and Macintosh) computers.
- 2. Completion of all work within the agreed upon schedule and cost
- 3. The system will be delivered error-free and successfully demonstrated.

Milestones

Provide Monthly Status Reports
 Conversion of test data for training

- Conversion of dest data for dufining
 Training
 System Acceptance Testing
 Data conversion from 4D to Sybase
 System available for production

1

٠,

Monthly February 24-28, 1997 March 3 -7, 1997 March 10-21, 1997 March 24-28, 1997 March 31, 1997

- - -

S. •

2.

-

• •

(

Job Description Document for BAMIS Contract (NAS1-20650)

JDD AF-009

Title: Badge and Pass System

LaRC Point of Contract: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 757-864-3361

Scope

Design, develop and implement a Badge and Pass System LaRC's Badge & Pass Office

General Requirements

The data will be maintained in SYBASE running on OSEMA's server. The applications shall be accessible from appropriate computers (Macintosh, PCs running MS Windows 95, and others) utilized by OSEMA personnel, and shall provide the standardized OSEMA user interface including four levels of access control. Response time will be a critical performance measure and must guide the database development. Access will be available to appropriate OSEMA users across LaRC's network. Protection of the data during transmission and in the database is vital and appropriate backup systems must be included.

The application will provide for conversion from analog to digital cameras in the Badge & Pass Office.

Specific Requirements

The development should be divided into 3 distinct phases:

- 1. Development of Core Functionality
- 2. Migration of the Telephone Locator System
- 3. Migration of the Traffic Violations System

The estimated period of performance for this project is 16 weeks. Phase 1 should be complete within 13 weeks, followed by Phase 2 which should be complete in 14 weeks, and finally Phase 3 should be complete in 16 weeks.

Phase 1 Core Functionality

- 1. Develop the application programming interface (API) that will provide communication from the 4D Windows/Sybase environment to the video capture card.
- 2. Test the API
- 3. Configure the Windows and printer drivers to enable the 4D application to send print jobs to the color, thermal, and pvc printers from within the 4D environment.
- 4. Develop or provide an interface that will allow the MIS staff or OSEMA managers the capability to modify the badge template
- 5. Import data from FoxPro into Sybase
- 6. Develop the 4D GUI screens
- 7. Install site acceptance testing (SAT) system
- 8. Training
- 9. Respond to site acceptance testing (SAT) issues

Migration of the Telephone Locator System Phase 2

- 1. Develop the 4D GUI screens
- 2. Import data from mainframe into Sybase
- 3. Install site acceptance testing (SAT) system
- Training
 Respond to site acceptance testing (SAT) issues

Migration of the Traffic Violations System Phase 3

- 1. Develop the 4D GUI screens
- 2. Import data from mainframe into Sybase
- 3. Install site acceptance testing (SAT) system
- 4. Training
- 5. Respond to site acceptance testing (SAT) issues

Metrics

- -1. Full LaRC network access and functionality of all applications from remote desktop equipment.
 - 2. Conformance to the specific requirements (above) and those defined in the Schedule and Resource Plan.

.

 C_{\pm}

3. Completion of all work within the schedule and cost as defined in the Schedule and Resource Plan.

Milestones

- 1. Monthly reports to OSEMA management on progress.
- 2. Functional demonstration of each application operating under SYBASE from remote (LaRC) locations

Phase 1	Complete 1/6/97
Phase 2	Complete 1/13/97
Phase 3	Complete 1/27/97

. .

OMB Approval #: 274-1042							
	ENDMENT OF SOLICITA	TION/MODIFICAT			1. CONTRACT ID CODE	PAGE (OF PAGES 9
	ENDMENT/MODIFICATION NO.	3. EFFECTIVE C	DATE	4. REQUISIT	TON/PURCHASE REQ. NO.	5. PROJECT NO). (N'applicable)
6. ISS	27 SUED BY C		1997	7. ADMINIST	ERED BY (If other than item 6)	CODE	
L	lational Aeronautics and S angley Research Center lampton, VA 23681-0001		on				
8. NA	ME AND ADDRESS OF CONTRACT	OR (No., street, county, S	tate, and Zip	Code) (x)	SA. AMENDMENT OF SOLIC	ITATION NO.	
8	ICI Information System: 260 Greensboro Drive, IcLean, VA 22102				98. DATED (SEE ITEM 11) 10A. MODIFICATION OF COL	NTRACT/ORDER	NO.
				×	NAS1-20650 108. DATED (SEE ITEM 13)		
CODE		FACILITY CODE			2/1/96	· · · -	
	11. THIS	ITEM ONLY APP	LIES TO	AMENDME	NTS OF SOLICITATIO	NS	
YOUR telegra	By separate letter or telegram which i NED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendm am or letter makes reference to the si CCOUNTING AND APPROPRIATION 13. THIS ITE! IT MODIF A. THIS CHANGE ORDER IS ISS	FOR THE RECEIPT OF (ent you desire to change a sticitation and this amendm to DATA (If required) A APPLIES ONLY IES THE CONTRA	OFFERS PRIA In offer alread ment, and is re 'TO MOD	OR TO THE HOL y submitted, such sceived prior to the DIFICATION DER NO, AS	JR AND DATE SPECIFIED MAY a change may be made by telegra te opening hour and date specifie S OF CONTRACTS/O DESCRIBED IN ITEM	RESULT IN REJEC um or letter, provide d. RDERS, 14.	ed each
	B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR	TH IN ITEM 14, PURSUA	NT TO THE	AUTHORITY OF	FAR 43.103(b).	as changes in pay	ing office,
X	C. THIS SUPPLEMENTAL AGRE 52.243-2 Changes - Co	EMENT IS ENTERED INT	O PURSUAN				
	D. OTHER (Specify type of modif		(AUG 13		FIC 1304)		
14. D	IPORTANT: Contractor is not, ESCRIPTION OF AMENDMENT/MO	DIFICATION (Organized b)	y UCF secto	n headings, inclu	ding solicitation/contract subject i	nalter where feasi	
r E	emove a duplicate NASA Exhibit B, Contract Docum Accordingly, the following (FAR Supplement entation Requirem	Clause free free free free free free free fr	om Section Exhibit C-2	I; revise Exhibit A, Stat , Maintenance-Controll	ement of Wo	ork,
	, It as provided herein, all terms and co	nditions of the document r	referenced in	item 9A or 10A, a	is heretofore changed, remains u	nchanged and in fu	ill force and
	NAME AND TITLE OF SIGNER (Typ			CARC	NO TITLE OF CONTRACTING C DLYN A. WELLS RACTING OFFICER		print)
WIL	LIAM L. ANDERSON, EX	EC. VICE PRESI	LDENT				
158.	CONTRACTORIOFFEROR	15C. DATE	E SIGNED	168. UNITED	STATES OF AMERICA	1.1 16C. 04	ATE SIGNED

1

8Y

1

30-105

FIL

12/19/96

4h

NUN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

(Signature of person authorized to sign)

ð

γ - 1π - 2

ľĽ

(Signature of Contracting Officer)

L

11

Prescribed by GSA FAR (48 CFR) 53.243 6

STANDARD FORM 30 (Rev. 10-83)

A. Section G, G.3, Award Fee for Service Contracts (NASA 18-52.218-76) (SEP 1993), paragraph (c) is hereby deleted in its entirety and replaced with the following:

"(c) The Government will advise the Contractor in writing of the evaluation results. The Contracting Officer will issue a unilateral modification to the contract that will recognize the award fee earned. The Contractor is not required to submit a separate voucher for earned award fee. The Payment Office will make payment based on the unilateral modification."

B. Award Fee for Service Contracts (NASA 18-52.216-76) (SEP 1993), is hereby deleted from Section I.

C. Exhibit A, Statement of Work, is revised as follows:

1. Section 2.4, the performance metrics are deleted in their entirety and replaced with the following:

* Performance Metric:

All nonmainframe systems available for BAMIS operations 99 percent of prime shift hours, including scheduled extensions to prime shift."

2. Section 2.5, Security, Risk, and Contingency Management, the last paragraph and the performance metric are deleted in their entirety and replaced with the following:

"The Contractor shall refine the Disaster Recovery Plan (DRP) to reflect changes in the computing environment and consolidation of equipment.

Performance Metric:

Annual update/refinement of the DRP or more frequently as needed."

3. Section 5.3, Performance Measurement and Tuning, the metric is hereby deleted.

4. Section 7.4, Product Demonstration and Assistance, the first metric is hereby deleted.

D. Exhibit B, Contract Documentation Requirements, Section I, Paragraph A. 4. is modified and Paragraph A.6 is added.

*4. Minimum reporting categories:

Direct Labor On-site Direct Labor Off-site Labor Overhead Facilities Subtotal Software Maintenance Hardware Maintenance Maior Subcontract Disaster Recovery Microfiche Training Other ODCs Subtotal M&H G&A Total Cost Award Fee JDD Cost JDD Fee Phase In costs Total Cost Plus Award Fee

6. A monthly breakdown of costs for each JDD shall be reported using the minimum reporting categories shown in 4 above and shall be included with the 533M report.

E. Exhibit C-2, Maintenance-Controlled Hardware is hereby revised as follows:

Page 2 of 9 NAS1-20650 Modification No. 27

Exhibit C-2

Maintenance Controlled Hardware*

Equipment	Manufacturer	Model	ECN
Printēr	IBM	3268-02C	0260225
Folder Gluer	Standard Register	404	1083856
McData Controller	McData	4174-44R	1083965
Printer	DEC	LA324-A3	1084792
Printer	DEC	LA324-A3	1084793
Workstation	DEC	RISC 5000/200	1084808
DiskDrive	DEC	SZI2B-BA	1084809
Monitor	DEC	VT320-C2	1084810
Terminal	IBM	3472	1085082
Terminal	IBM	3472	1085083
Printer	IBM	4224-E2 ⁻	1085084
Printer – –	IBM	4224-E2	1085085
Printer	IBM	4224-E2	1085086
Terminal	IBM	3472	1085311
Terminal	JBM	3472	1085313
Terminal	ШM	3472	1085314
Terminal	IBM	3472	1085317
Printer	IBM	4224	1085565
Printer	IBM	4224	1085566
Printer	IBM	4224	1085567
Disk Drive	DEC	RISC 5000/200	1085824
Printer	DEC	LA324-A3	1085834
DiskDrive	DEC	SZI2B-BA	1085930
TapeDrive	DEC	TKSO	1086288
CD ROM	DEC	RRD40-FA	1086289
Dual Drive Expansion	DEC	RISC 5000/200	1086340
Dual Drive Expansion	DEC	RISC 5000/200	1086356
Dual Drive Expansion	DEC	RISC 5000/200	1086386
Laser Printer	Xerox	4050	1086437
Monitor	DEC	RISC 5000/200	1087215
Monitor	DEC	RISC 5000/200	1087244
Disk Drive	DEC	RISC 5000/200	1087324
Disk Drive	DEC	RISC 5000/200	1087331
Disk Drive	DEC	RISC 5000/200	1087353
Monitor	DEC	RISC 5000/200	1087354
Disk Drive	DEC	RISC 5000/200	1087444
Monitor	DEC	RISC 5000/200	10874 45

*Equipment is located in various offices around the Center.

CPU Workstation	DEC		
Dual Drive Expansion	DEC	RISC 5000/200	1087473
Dual Drive Expansion	DEC	RISC 5000/200	1087685
CPU Workstation		RISC 5000/200	1087686
CPU Workstation	DEC	RISC 5000/200	1087775
	DEC	RISC 5000/200	1087777
CPU Workstation Disk Drive	DEC	RISC 5000/200	1087814
	DEC	RISC 5000/200	1087915
Monitor	DEC	RISC 5000/200	1087916
CPU Workstation	DEC	RISC 5000/200	1088013
DiskDrive	DEC	RISC5000/200	1088215
Monitor	DEC		1088275
CPU Workstation	DEC	RISC 5000/200	1088276
Dual Drive Expansion	DEC	RISC 5000/200	1088280
Disk Drive	DEC	RISC 5000/200	1088281
CPU Workstation	DEC	RISC 5000/200	1088306
Monitor	DEC	RISC 5000/200	1088307
Disk Drive	DEC	RISC 5000/200	1088622
Dual Drive Expansion	DEC	RISC 5000/200	1088623
Dual Drive Expansion	DEC	RISC 5000/200	1089238
CPU Workstation	DEC	RISC 5000/200	1089 730
Monitor	DEC	RISC 5000/200	1089731
Printer	IBM	4224-E2	1090435
Printer	IBM	4224-E2	1090436
McData Linkmaster	McData	7100-60R	1092848
McData Linkmaster	McData	7100-60R	1158530
Terminal	ШM	3192-G	1158708
Terminal	ШM	3192-G	1158709
Terminal	ШM	3192-G	1158710
Terminal	ШM	3192-G	1158711
Terminal	IBM	3192-G	1158712
Terminal	ШМ	3192-G	1158713
Terminal	IBM	3192-G	1158714
Terminal	IBM	3192-G	1158715
Terminal	IBM	3192-G	1158716
Terminal	IBM	3192-G	1158717
Terminal	ШМ	3192-G	1158708
McData Controller	McData	6100E	1258758
Terminal	IBM	3180-110	0136567
Terminal	IBM	3180-110	0137563
Terminal	IBM	3180-110	0137568
Terminal	IBM	3180-110	0137573
Terminal	IBM	3180-110	0137585
Control Unit	IBM	3174-S1R	0138363
Printer	IBM	3268-02C	0138641

,

•

•

 $\overline{}$

Printer	IBM	3268-02C	0139764
Terminal	IBM	3290-230	0140244
Terminal	IBM	3920-230	0140245
Control Unit	IBM	3174-SIR	0140725
Printer	IBM	3287-002	0259132
Printer	IBM	3287-002	0259134
Printer	IBM	3287-002	0259135
Multiplexer	IBM	3299-2	0259739
Multiplexer	IBM	3299-2	0259740
Multiplexer	ВM	3299-1	0259741
Terminal	ШM	3180-110	0259909
Terminal	IBM ,	3180-110	0259912
Terminal	IBM -	3180-110	_0259913
Terminal	IBM	3180-110	0259914
Terminal	IBM	3180-110	0259915
Terminal	IBM	3180-110 📮	0259917
Terminal	IBM_	3180-110	0259922 -
Terminal	IBM	3180-110	0259923
Printer	IBM	3287 -002	0260094
Printer	IBM	3287 -002	0260095
Terminal	IBM	3180-110	0281243
Terminal	IBM	3180-110	0281245
Terminal	IBM	3180-110	0281247
Terminal	IBM	3180-110	0281353
Terminal	ШM	3180-110	0281354
Terminal	ШM	3180-110	0281355
Printer	IBM	3268-02C	0281791
Printer	IBM	3268-02C	0281793
Printer	IBM	3287-002	0281906
Printer	IBM	3287-002	0281967
Printer	IBM	3268-02C -	0281968
Terminal	IBM	3180-110	0282343
Terminal	IBM	3180-110	0282349
Printer	IBM	3268-02C	0282353
Printer	ШM	3287-002	0282431
Terminal	IBM	3180-110	0283686
Printer	IBM	3287-002	0283689
Printer	ШM	3287-002	0283690
Terminal	IBM	3180-110	0283700
Printer	IBM	3268-02C	0283702
Multiplexer	ШM	3299-1	0403519
Multiplexer · ·	IBM	3299-1	0403531
Multiplexer	IBM .	3299-1	0403532
Multiplexer	IBM	3299-1	0403533
Printer	IBM	3287-002	0403638
Printer	IBM	3287-002	0403740
		·····	

.

•

.

(F

•

. · . .

Multiplexer	IBM	3299-1	040458 6
Multiplexer	IBM	3229-I	0404587
Multiplexer	ШM	3229-1	0404589
Multiplexer	ШM	3299-1	0404590
Tape Drive	Storage Technology Corp.	3650E	0428900
Control Unit	IBM	3274-6C	0060290
Printer	IBM	3268-02C	0060291
Printer	IBM	3268-02C	0060292
Printer	IBM	3287-002	0060294
Terminal	IBM	3192-DD0	0062074
Terminal	IBM	3192-DD0	006207 5
Terminal	IBM -	3192-DD0	0062076
Terminal	IBM ⁻	3192-DD0	
Terminal	IBM	3192-DD0	0062078
Terminal	IBM	3192-DD0	0062080
ControlUnit	IBM	3174-11R	0062346
Control Unit	IBM	3174-11R	0062348
Printer	IBM	4224-C2	0062349
Multiplexer	IBM	3299-2	0848118
Control Unit	IBM	3174-11R	0848279
Control Unit	IBM	3174-11R	0848280
Control Unit	IBM	3174-91R	0848283
Control Unit	IBM	3174-61R	0848284
Control Unit	IBM	3174-61R	0848285
Control Unit	IBM	3174-61R	0848286
Control Unit	IBM	3174-61R	0848287
Control Unit	IBM	3174-61R	0848288
Control Unit	IBM	3174-61R	0848289
Control Unit	IBM	3174-91R	084829 0
Control Unit	IBM	3174-61R	0848291
Control Unit	IBM	3174-11R	0849622
Terminal	IBM	3194-HEO	GÓ75070
Terminal	IBM	3194-HEO	G075072
Terminal	IBM	3194-HEO	G075074
Terminal	IBM	3194-HEO	G075 075
Terminal	IBM	3194-HEO	G075078
Terminal	IBM	3192-DDO	G075 081
Terminal	IBM	3192-DDO	G075084
Terminal	IBM	3192-DDO	G075 085
Terminal	IBM	3192-DDO	G075088
Terminal	IBM	3192-DDO	G07 5089
Terminal	IBM	3192-DDO	G075090
Terminal	IBM .	3192-DDO	GO75093
Terminal	IBM	3192-DDO	G075095
Terminal	IBM	3192-DDO	G075097
Terminal	IBM	3192-DDO	G075099

,

.

-

•

•

_

Terminal	ВМ	2102 000	C075101
Terminal	IBM IBM	3192-DDO 3192-DDO	G075101 G075102
Printer	IBM	4244-2C2	G075208
Printer	IBM	4244-2C2 4224-2C2	G075208 G075209
Printer	IBM	3268-02C	G075797
Printer	IBM	3268-02C	G075798
LinePrinter	IBM IBM	4248	G075807
Terminal	IBM	3192-DDO	G075982
Terminal	IBM	3192-DDO	G075986
Link Master Controller	McData	6100E	G079680
Link Master	McData	7100	G079743
CPU -	Network GE	386/20	G078479
Workstation	DEC -	RISC 5000/200	G079566
Disk Drive	Applied Digital Systems	5ZSX-FA-ADSFAIO	G079567
	IBM	3299-1	None
Multiplexer	IBM	3299-1 -	None
Multiplexer Multiplexer	IBM -	3299-I	None
Multiplexer Printer	IBM - IBM	3268-C	None
	IBM	3268-2C	None
Printer	IBM IBM	3174-91R	0848281
ControlUnit			0428905
Tape Drive	Storage Technology Corp.		0428906
Tape Drive	Storage Technology Corp.		0428907
Tape Drive	Storage Technology Corp.		0428908
Tape Controller	Storage Technology Corp.	2800	0428926
Tape Cleaner	C. Link		0471906
Terminal	IBM	3180-110	0533164
Multiplexer	IBM	3299-1	0533165
Multiplexer	IBM IDM	3299-1	0533166
Multiplexer	IBM IDM	3299-I	0533167
Multiplexer	IBM TDM	3299-I	0533225
Terminal	BM	3180-110	0533226
Terminal	IBM IDM	3180-110	0533281
Terminal	BM	3180-110	0533285
Terminal	IBM TRM	3180-110	0533285
Terminal	IBM	3180-110	0533584
Terminal	IBM	3180-110	0548442
Printer	IBM	3268-02C	0548443
Printer	IBM	3287-002	0548492
Terminal	IBM	3180-110	0548501
Terminal	IBM	3180-110	
Terminal	IBM	3180-110	0548502
Terminal	IBM	3180-110	0548503
Terminal	IBM .	3180-110	0548504
Terminal	IBM	3180-110	0548509
Terminal	IBM	3180-110	0549085
Printer	IBM	3287-002	0550067

•

.

(

ControlUnit	IBM	3174-SIR	0055448
Terminal	IBM	3180-110	0055519
Terminal	IBM	3192-DDO	0057361
Terminal	IBM	3192-DDO	0057365
Terminal	IBM	3192-DDO	0057371
Printer	IBM	3287-002	0057456
Terminal	ШM	3192-DDO	0059475
Protocol/Converter	IBM	3708	0058924
Terminal	IBM	3194-HEO	0059668
Terminal	IBM	3194-HEO	0059669
Terminal	IBM	3194-HEO	0059670
Control Unit	IBM _	327441A	0060278
Printer	IBM	3287-2	0060282
Printer	IBM	4224-D20 _	0140726
Tape Cartridge Controller	IBM	3480-A22	0144743
Terminal	IBM	3192-DDO-	0142204
Terminal	IBM	3192-DDO	0142205
Terminal	IBM	3192-DDO	0142206
Terminal	IBM	3192-DDO	0142207
Terminal	IBM ·	3192-DDO	0142208
Terminal	IBM	3192-DDO	0142212
Terminal	IBM	3192-DDO	0142215
Terminal	IBM	3192-DDO	0142217
Terminal	IBM	3192-DDO	0142219
Terminal	IBM	3192-DDO	0142220
Terminal	IBM	3192-DDO	0142221
Terminal	IBM	3192-DDO	0142224
Terminal	IBM	3192-DDO	0142225
Terminal	IBM	3192-DDO	0142228 .
Terminal	IBM	3192-DDO	0142231
Terminal	IBM	3192-DDO ·	0142232
Terminal	IBM	3192-DDO	0142234
Terminal	IBM	3192-DDO	0142236
Terminal	IBM	3192-DDO	0142237
Terminal	IBM	3192-DDO	0142238
Terminal	ШM	3192-DDO	0142241
Terminal	IBM	3192-DDO	0142242
Terminal	IBM	3192-DDO	0142243
Terminal	IBM	3192-DDO	0142244
Terminal	ШМ	3192-DDO	0142245
Terminal	IBM	3192-DDO	0142246
Control Unit :		3174-OSR	0142275
ControlUnit	IBM	3174-DIR	0142276
Comm.Controller	IBM	3725-001	0143215
3725 Terminal	IBM	3727-700	0143216
LaserPrinter	Xerox	4050	0144254

.

[

Terminal	IBM	3180-110	0258708
Terminal	IBM	3180-110	0258709
Printer	IBM	3287-002	0259130
Printer	IBM	3287-002	0259131
		-	

•

· · ·

•

			OMB A	Approval #: 2700-0042		
		1. CONTRACT ID CODE	PAGEC	F PAGES		
AME	NDMENT OF SOLICITATION		1	3		
	TRACT					
2. AM	ENDMENT/MODIFICATION NO.	APR 1 0 1997	4. REQUISI	TION/PURCHASE REQ. NO.	5. PROJECT NO	. (If applicable)
6. ISS	UED BY CODE		7. ADMINIS	TERED BY (If other than item 6)	CODE	
			1			
L	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	e Administration				
8. NA	ME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip C	ode) (x)	SA. AMENDMENT OF SOLIC	CITATION NO.	
	Clusternation Systems					
	CI Information Systems: .no			98. DATED (SEE ITEM 11)	<u> </u>	······································
	260 Greensboro Drive, Suit	e 400				
N	IcLean, VA 22102					
				10A. MODIFICATION OF CO	IN THACT/ORDERT	NO.
			×	NAS1-20650		
				10B. DATED (SEE ITEM 13)		
				2/1/96		
	11. THIS ITE	MONLY APPLIES TO	AMENDME	ENTS OF SOLICITATIC	DNS	
evteor	The above numbered solicitation is amende ed. must acknowledge receipt of this amendme				is extended,	is not ids;
or (c) (RECE YOUR telegra	completing Items 8 and 15, and returning By separate letter or telegram which include IVED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you am or letter makes reference to the solicitation CCOUNTING AND APPROPRIATION DAT/	s a reference to the solicitation an THE RECEIPT OF OFFERS PRIC desire to change an offer already on and this amendment, and is red	d amendment i R TO THE HO submitted, suc	UR AND DATE SPECIFIED MAY th change may be made by telego	CKNOWLEDGEME RESULT IN REJECT	INT TO BE CTION OF
	IT MODIFIES	PLIES ONLY TO MOD THE CONTRACT/ORD	ER NO. AS	S DESCRIBED IN ITEM	A 14.	
(X)	A. THIS CHANGE ORDER IS ISSUED F	PURSUANT TO: (Specify authorit	y) THE CHAN	GES SET FORTH IN ITEM 14 AF	RE MADE IN THE C	ONTRACT
	ORDER NO. IN ITEM 10A.					
	B. THE ABOVE NUMBERED COM 11 AC appropriation date, etc.) SET FORTH IN	CT/ORDER IS MODIFIED TO REF	LECT THE AD	MINISTRATIVE CHANGES (suc FAR 43.103(b).	h as changes in pay	ring office,
X	C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED INTO PURSUAN				
	52.243-2 Changes - Cost Re D. OTHER (Specify type of modification	and authority)	57) AIL II (A	<u>APR 1904)</u>		
<u>E. IN</u>	PORTANT: Contractor is not, X is r	equired to sign this document	and return	3 copies to the issuing a		bla i
14. D	ESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section	i headings, inci	uding solicitation/contract subject		0.0.
c	The purpose of this modificatio clause for additional work adde Accordingly, the following chan	d as a result of Modifica	ation/Chan	ge Order No. 13 dated	nt to the Chan June 28, 1990	ges 6.
Exce	ot as provided herein, all terms and condition	ns of the document referenced in 1	tem 9A or 10A,	, as heretofore changed, remains	unchanged and in f	ull force and

÷

•

Gilder.	and the second		
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICE	H (Type or print)
CHARLES K. NARANG		SANDRA S. RAY	
Childeb Kt hindhig		CONTRACTING OFFICER	
PRESIDENT			
			L CO DATE SIGNED
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA	16C. DATE SIGNED
() fair	4/15/97	BY Andre the	4/18/97
(Signature of person authorized to sign)		(Signature of Confiracting Officer)	110111
NSN 7540-01-152-0070	30-	-105 STANDARD F	ORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUS BLE		Prescribed by GS	
C T		FAR (48 CFR) 5	1.243

.

A. Section B, B.2, cost is hereby increased by \$1,009,373 from \$7,735,374 to \$8,744,747 and the award fee available is increased by \$42,922 from \$437,396 to \$480,318 and the award fee available for the second period is increased by \$42,922 from \$102,050 to 144,972 and is shown below.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$8,744,747 exclusive of the award fee of \$480,318 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$9,225,065.

B. The award fee available for each evaluation period is as follows:

Period

Available Award Fee

February 1, 1996 - July 31, 1996 August 1. 1996 - January 31, 1997 February 1, 1997 - July 31, 1997 \$ 96,000 90,000 144,972

CONTRACT TABULATION

	Estimated	Award Fee	<u>CPAF</u>	<u>Funding</u>
	<u>Cost</u>			
Through Mod. 24	\$4,217,574	\$233,296	\$4,450,870	\$4,359,396
Mod. 25	3,517,800	204,100	3,721,900	2,120,000
Mod. 26	0	0	0	590,233
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1,052,295	0
Total	\$8,744,747	\$480,318	\$9,225,065	\$7,069,629

Funding includes \$6,828,042 for cost and \$241,587 for fee.

CORRECTIONS TO ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u></u>	RTR	AMOUNT	<u>STATUS</u>	JDD	<u>MOD.</u> <u>NO.</u>
GMG.1410	A5160	28230020400	\$2,090,642	Complete		25
GMG.1410		28230020400	29,358	Complete	DA001.00	25

Page 2 of 3 NAS1-20650 Modification No. 28

JDD	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
		-				
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	132,049	200,000	l.*	10/15/96
Total	\$1,705,047	\$74,518	\$1,779,565	\$1,929,252		

REVISED DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

3

Additional Aeronautics and Space Administration Indianal Aeronautics and Space Administration Langley Research Center T. ADMINISTERED BY (if other than item 0) National Aeronautics and Space Administration Indianal Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 Internation Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 NAS1-20650 Internation Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 Int. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION OF CONTE Int. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS of solicitation is amended as set forth in item 14. The hour and date specified for recept of ofters is attend Int. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS of solicitation is amendent as a set forth in item 14. The hour and date specified for recept of ofters of the solicitation on a mendment not as areaded and amendment not as specified. (a) By completing litems 8 and 15, and returningcope of the amendment, on a tracky submitted, sub change may be made by being on or liter, provide data specified. (b) By completing litems 8 and 15, and returningcope of the solicitation on amendment and as specified. (c) A this CHANGE ORDER IS ISSUED PUBLIES ONLY TO MODIFICATIONS OF CONTRACTOR/ORDER NO. AS DESCRIPED IN ITEM 14. (the ADD PUBLIES THE CONTRACT/ORDER NO. AS DESCRIPED IN ITEM 14. (the ADD PUBLIES THE CONTRACT/ORDER NO. AS DESCRIPED IN ITEM 14. (the ADD IF INTEM					· í							,					
AMEROMENTANODIFICATION NO. 3. EFFECTIVE DATA 4. RECUISITION/PURCHASE REC. NO. 5. 18SUED BY CODE 4. RECUISITION/PURCHASE REC. NO. 5. 18SUED BY CODE 7. ADMINISTERED BY (if other than item 6) National Aeronautics and Space Administration Langley Research Center 7. ADMINISTERED BY (if other than item 6) NME AND ADDRESS OF CONTRACTOR (No. street, county, Stele, and Zip Code) (x) 94. AMENDMENT OF SOLICITA NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 98. DATED (SEE TREM 13) 2/1/96 104. MODIFICATION OF CONTRACTOR (No. street, county, Stele, and Zip Code) CODE FACILITY CODE 104. MODIFICATION OF CONTRACTOR (No. street, county, Stele, and Zip Code) 104. MODIFICATION OF CONTRACTOR (No. street, county, Stele, and Zip Code) CODE FACILITY CODE 104. MoDIFICATION OF CONTRACTOR (No. street, county, Stele, and Zip Code) 104. MODIFICATION OF CONTRACTOR (No. street, county, Stele, and Zip Code) CODE FACILITY CODE 104. Mother Ostellation is anneed as too the stollation of the street of	-			<u> </u>							r	1. CONTRACT ID CO	UE	Т		GE O	PAGES
Additional Aeronautics and Space Administration Indianal Aeronautics and Space Administration Langley Research Center T. ADMINISTERED BY (if other than item 0) National Aeronautics and Space Administration Indianal Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 Internation Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 NAS1-20650 Internation Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 Int. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION OF CONTE Int. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS of solicitation is amended as set forth in item 14. The hour and date specified for recept of ofters is attend Int. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS of solicitation is amendent as a set forth in item 14. The hour and date specified for recept of ofters of the solicitation on a mendment not as areaded and amendment not as specified. (a) By completing litems 8 and 15, and returningcope of the amendment, on a tracky submitted, sub change may be made by being on or liter, provide data specified. (b) By completing litems 8 and 15, and returningcope of the solicitation on amendment and as specified. (c) A this CHANGE ORDER IS ISSUED PUBLIES ONLY TO MODIFICATIONS OF CONTRACTOR/ORDER NO. AS DESCRIPED IN ITEM 14. (the ADD PUBLIES THE CONTRACT/ORDER NO. AS DESCRIPED IN ITEM 14. (the ADD PUBLIES THE CONTRACT/ORDER NO. AS DESCRIPED IN ITEM 14. (the ADD IF INTEM				ON/N									10		1 PROJEC	T NO	(If applicable)
ISSUED BY CODE Additional Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code) NAME AND ADDRESS (Street, Code) NAME AND ADDRESS (Street, Code) NAME AND ADDRESS (Street, Code) NAME AND AND APROFRMITION DATA (THE NOT NOT AN (THE NOT NOT NOT NOT NOT NOT NOT NOT AN (THE NOT NOT NOT NOT NOT NOT NOT NOT NOT NOT	•	TION NO).		ECR	n 5	1991		4. REG	013111	-		i o .	0. 1			,
Langley Research Center Hampton, VA 23681-0001 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 IOA. MODIFICATION OF CONTR X NAS1-20650 IOB. DATED (SEE ITEM 11) X NAS1-20650 IOB. DATED (SEE ITEM 13) Z/1/96 IOE DATE SECOND DATE SECONDED SOF SOLICITATIONS IOE DATE SECONDER DATE SECONDED DATE SECONDED TO RESULT IN RESULT IN RESULT IN RESULT IN RESULT IN RESULT IN RESULT IN RESULT IN RESULT IN RESULT X/2245 X/245 X/245	-		CC	ODE	FLU-	<u></u>			7. ADN	IINISTE	ER	ED BY (If other than it	'em 6)	C	ODE		
NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102 10A. MODIFICATION OF CONTE x NAS1-20650 10B. DATED (SEE ITEM 13) 211/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS Offers must acknowledge receipt of this amendment pror to the hour and date specified in the solicitation or a samended, by one of the following of the solicitation at a samendment pror to the hour and date specified in the solicitation or a samended, by one of the following of the solicitation at the samendment pror to the hour and date specified in the solicitation or a samended, by one of the following of the solicitation at the samendment of each interview of this arrendment provide the samendment of each interview of the samendment of each interview of this arrendment provide to the samendment provide ack in the solicitation at the samendment of each interview of this arrendment provide ack in the received provide ack interview of the samendment of each interview of the samendment of each interview of the arrendment provide ack interview of the samendment of each interview of the arrendment provide ack interview of the samendment of each interview of the arrendment or each interview of the arrendment or each interview of the arrendment provide ack interview of the arrendment provide ack interview of the arrendment or each interview of the areceiption oreceiptint in terview or each interview of the arrendme	;	ch Cent	ter	ace /	Admin	istrati	on										
	5	F CONTR	RACTO	R (No.,	, street, c	county, S	State, and Z	Zip Cod	e)	(x)		9A. AMENDMENT OF	SOLIC	ITATI	ON NO.		
X NAS1-20650 10B: DATED (SEE (TEM 13) 2/1/96 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extend Offers must acknowledge receipt of this amendment prior to the hour and date specified for receipt of Offers [] is extend offers must acknowledge receipt of this amendment prior to the hour and date specified for receipt of Offers [] is extend offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the follo (a) By completing items 8 and 15, and returningcopies of the amendment; (b) By acknowledge receipt of this amendment on each sequence is the solicitation and its amendment, and is reserved prior to the opening hour and date specified. 12. ACCOUNTING AND APPE SPICIFIED MAY RESULT IN RELECT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRION TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELECT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRION TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELECT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRION TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELEVANT RETEREMENT AND APPENDENTIAL TARK (If required) R22456; \$100,000 (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14 ARE MAI NO. IN ITEM 10A. X 52.243-2 Changes - Cost-Relimbursement (AUG 1987) Alternate II (APR 1984) B. THE ABOVE NUMBERED CONTRACT/ORDER IN MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as of appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF: D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor X is not, is required to sig	0	oro Dri													CT/OPD		
CODE FACILITY CODE 10B. DATED (SEE ITEM 13) 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. This TIEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. This intermediation is amended as set forth in the num and date specified in the solicitation or as amended, by one of the following 12. ACCOUNTING AND APPROPENTION DATA (If required) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD 14. A. THIS CHARGE CONTRACTORDER IN THE CONTRACTORDER NO. A SECONDERING The HOURAND DATA (If required) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD 14. A. THIS CHARGE IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14A ARE MAY 15. 2243-2: Changes - Cost-Reimbursement (AUG 1987) Alternate II (APR 1984) 15. INFORMATION OF ARECEDENTIS ENTERED INTO PURSUANT TO THE AUTHORITY OF FAR 43.103(b). 16. THIS CONTRACTORDER IS INSUED PURSUANT TO THE AUTHORITY OF FAR 43.103(b). 17. CONTRACTORDER IS INSUED PURSUANT TO THE AUTHORITY OF FAR 43.103(b). 18. THE ABOVE NUMBERED CONTRACTORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as chappopriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b). 19. OTHER (Specify type of modification and authority) 19. OTHER (Specify type of modification and authority) 10. OTHER (Specify type of modification and authority) 11. DES												10A. MODIFICATION	OF CO	NIKA	CI/ORD	ERNU).
CODE FACILITY CODE 10B. DATED (SEE ITEM 13) 2/1/96 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. This TIEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. This intermentation is amended as set forth in Item 14. The hour and date specified for receipt of Offers 11. Bittem of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following (a) By completing items 8 and 15, and returning copies of the amendment: (b) By acknowledging receipt of this amendment on acbit (b) Sectionation of The RECENT of OFFERS PRIOR TO THE HOUR AND DARK SPECIFIED MAY RESULT IN REJECT Write of this amendment you desire to change an offer already submitted, such change may be made by leightam or letter, provided each terference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA ((frequired) R22456; \$100,000 (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD ITEM 14A (x) A. THIS CHANGE ON CORTACT/ORDER IN MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as cf appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO: (Specify authonity) THE CHANGES SET FORTH IN ITEM 14 ARE MAY X 52.243.2 Changes - Cost-Reimbursement (AUG 1987) Alternate II (APR 1984) B. THE ABOVE NUMBERED CONTRACT/ORDER IN MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as cf appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).												NAS1-20650)				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended (a) By completing items 8 and 15, and returning										l î	\mathbf{F}						
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is setend. is extend Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amendment, on each is an entitient or telegram which includes are afference to the solicitation are amendment numbers. FAILURE OF YOUR ACKNOWLEDC THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELECT WITHE of the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) R22456; \$100,000 (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14 ARE MAY NO. IN ITEM 10A. X 52.243.2 Changes - Cost-Reimbursement (AUG 1987) Alternate II (APR 1984) B. THE SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF. D. OTHER (Specify type of modification and authomy) E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office contract or is hereby authorized and directed, by contract change order, to implement chac contract Statement of Work as noted below. Incremental funding is allotted to the contract pur Funding clause. Accordingly, the following changes are hereby made: (CONTINUED) Except as provided herein, all terms and conditions of the document referenced in Item 9A				FACI	ILITY CO	DE				1		2/1/96					
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the folio (a) By completing items 8 and 15, and returningcopies of the amendment; (b) By acknowledging receipt of this amendment on each. By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDC intrue of this amendment, and is received prior to the opening hour and date specified. REPERCE DESIGNATE DEOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECT intrue of this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (<i>trequired</i>) R22456; \$100,000 (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14 (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specity authonity) THE CHANGES SET FORTH IN ITEM 14 ARE MAI NO. IN ITEM 10A. X 52.243-2 Changes - Cost-Reimbursement (AUG 1987) Alternate II (APR 1984) B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as cl appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authonity) E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter The Contractor is hereby authorized and directed, by contract change order, to implement cha contract Statement of Work as noted below. Incremental	-	11.	THIS	SITE	EM ON	LY A	PPLIES	TO A	MEN	MEN	Ń٦	IS OF SOLICIT	ATIO	NS			
(a) By completing items 8 and 15, and returning copies of the amendment: (b) By acknowledging receipt of this amendment on each iter y separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDD THE PLACE DESIGNATE DE FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTIVITUE of this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) R22456; \$100,000 (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORD IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14 (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MAY NO. IN ITEM 10A. X 52.243-2 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as chappropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF. D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office contract Statement of Work as noted below. Incremental funding is allotted to the contract subject matter The CONTRACT or SIGNER (Type or print) 14. DESCRIPTION OF SIGNER (Type or print) 16A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16P-UNIPE STATES OF AMERICA BUCH SUCH SUCH SUCH SUCH SUCH SUCH SUCH S																	extended.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter The Contractor is hereby authorized and directed, by contract change order, to implement cha contract Statement of Work as noted below. Incremental funding is allotted to the contract pur Funding clause. Accordingly, the following changes are hereby made: (CONTINUED) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchan 15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. ONIDED STATES OF AMERICA BX		PFOR THE u desire to and this ar PPROPRI 00 (CO 3. THI: IT N E ORDER hanges humbere , etc.) SET MENTAL	E RECE o chang mendma ATION mplet S ITE AODIF IS ISSU - COS ED CON T FORT AGREE	EIPT OF e an of ent, and DATA DATA E DATA DATA DATA ENT EIES JED PU St-Re HIN II HIN II EMENT	F OFFER ffer alream d is rece (If require PPLIE THE (URSUAN EIT/ORDEL TT/O	RS PRIC dy subrr ived pric ed) S ON CONT TT TO: seme R IS MC PURSU ERED II	ILY TO THE or to the ope ILY TO M IRACT/((Specify aut ont (AUG DDIFIED TO ANT TO TH NTO PURS	MODI ORDI thority) 3 198 D REFL HE AUT	AND DA may be bur and d FICAT ER NC THE CH THE CH THE CH HORITY TO AUTH	TE SPI made b ate spe TONS 0. AS ANGES ernat ADMII OF FA		OF CONTRAC DESCRIBED IN SET FORTH IN ITEM 1 II (APR 1984) STRATIVE CHANGES 43.103(b). DF:	TS/OF ITEM I4 ARE	RDE 14. MADE	RS,		RACT ORDER
The Contractor is hereby authorized and directed, by contract change order, to implement char contract Statement of Work as noted below. Incremental funding is allotted to the contract pur Funding clause. Accordingly, the following changes are hereby made: (CONTINUED) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchan 15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. ONITED STATES OF AMERICA BLAUMANY CHARMY	h	ractor X	is not,	, is rec	quired t	o sign i	this docum	nent a	nd return	n	_				hom 600	ible \	
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFF 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA B. LOWANY C FUCH	i	is here hent of \ . Acco	by au Work rdingl	ithori as n ly, the	ized an noted b ne follow	nd dire below. wing d	ected, by Increm changes (oy cor nentai s are l	itract c fundir hereby TINUE	hang ng is mad	je al de	order, to impler lotted to the cor :	nent o atract	char purs	iges to suant to	the the	
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BL. LOSIMARY C. FROEHLICH						ocumen	t referenced	d in Iten	9A or 1	DA, as I	he	retofore changed, remain	ains unc		d and in	full for	ce and effect.
& Losenary C Froer)	F SIGNE	к (Туре	or prin	nt)										,_,, (<i>13</i> 1)	o or pr	
(Signature of person authorized to sign)			red to a			15C. D	ATE SIGNE	ED	168. C	Lo	U	~ ~	LOC Milicer)	ni		BC. DA	TE SIGNED
NSN 7540-01-152-8070 30-105 STANDAR	0	on authom	2ea 10 S	ngn)	<u>}</u>		. <u> </u>	30-	105	<u>د</u> ا	<i></i>	s	TAND			30 (R	ev. 10-83)
PREVIOUS EDITION UNUSABLE Prescribed b FAR (48 CFF	J	JSABLE				-											

FILE COPY

A. Exhibit A, Statement of Work, is hereby changed as shown below:

1. Section 8, Applications Development and Enhancements, is revised to incorporate the following Job Description Documents (JDD) by reference:

HA003 Credit Card Reconciliation System Phase II

B. A performance-based JDD including performance metrics is added to Exhibit G and is attached hereto.

C. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will be effected.

D. Funding in the amount of \$100,000 for cost and fee has been added to Section B, B-3, Contract Funding, and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,922,242. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through July 22, 1997.

(b) An additional amount of \$247,387 is obligated under this contract for payment of fee."

	<u>Estimated</u> <u>Cost</u>	Award Fee	<u>CPAF</u>	Funding
Through Mod. 24	\$4,217,574	\$233,296	\$4,450,870	\$4,359,396
Mod. 25	3,517,800	204,100	3,721,900	2,120,000
Mod. 26	0	0	0	590,233
Mod. 27	0	0	0	0
Mod. 28**	TBD	TBD	TBD	TBD
Mod. 29	0	0	0	100,000
Total	\$7,735,374	\$437,396	\$8,172,770	\$7,169,629*

CONTRACT TABULATION

*Funding includes \$6,922,242 for cost and \$247,387 for fee.

**Mod. 28 is in progress.

Page 2 of 2 NAS1-20650 Modification No. 29

Exhibit G

CC

Assignment of Job Description Documents:

1

JDD#	Description E	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Modul	
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97

Job Description Document for BAMIS Contract NAS1-20650

JDD # HA003.00

Title: Credit Card Reconciliation System Phase II

LaRC Point of Contact: Jimmy H. Wilson, Head, Financial Systems and Quality Management Office, Financial Management Division, Mail Stop 136, Phone 4-2077

Scope: This JDD provides for the development and implementation of processes to: electronically receive credit card detail statement data from Rocky Mountain Bank; allowing credit cardholders to reconcile their statements on a LaRC WEB page interface to a NETSCAPE browser accessing LaRC hardware; process validated and expanded transactions from the DBMS into FMS via the existing batch transaction system. The contractor will provide . technical support, consulting, training, and the coordination of the development and implementation of this on-line effort. User Group will assist in reviewing the on-line bark card system as it is being developed. Acceptance testing will be conducted by the bank card team.

General Requirements: Modify and implement the automated Bank Card Reconcilation System as stated in the approved December 11, 1996 Functional Requirements Document.

Specific Requirements:

Training:

The Contractor will provide a Training Plan and conduct the training. The training plan will identifying how training will take place for each type of use. The plan will include but not be limited to the following:

- Where and when training classes will be held.
- Type of equipment training will be held on.
- Duration of class.
- Method and details on registration for class.
- All training handouts
- User guides

Weekly Meetings:

The contractor will schedule weekly meetings with the Bank Card Team. Meetings will include but not be limited to:

- Effort expended on Credit Card System during the past week
- Problems encountered and the impacts of those problems
- Decisions made by contractor that were not detailed in the JDD
- Demonstration of conformance of the system to Functional Requirements (on-going review)
- All computer screens as they are being developed (on-going review)

Metrics:

• Delivery of the revised Training Plan document which identifies the training; provides the proposed schedule; and is presented in the AIM standard format.

• Delivery of the revised User Guides which document and explain the purpose and provide step-by-step instructions using among other things screen graphics.

• Training which provides an overview presentation, presents the functionality of the on-line-system using the User Guide, allowing time for questions and answers and the capability for the users to easily operate the system and reconcile their bills.

• Testing: the performance of the system during acceptance testing will be demonstrated to be in conformance with the approved Functional Requirements

• Weekly meetings are maintained and relevant information is passed on by the contractor.

• Testing response time on a dedicated machine should be 2 seconds to ensure that the Functional Requirement is met.

• Completion of all work within the original schedule.

• Completion of all work within the cost schedule.

Milestones (Schedule):

Develop First Prototype (Consists of EPRS, Mainframe, and Sapphire)	Feb. 10, 1996
Draft Training Plan	April 28, 1996
Final Training Plan	May 12, 1996
Draft User Guide	April 28, 1996
Final User Guide	May 12, 1996
System available for acceptance testing	May 5, 1996
Credit Card Reconciliation System installed and available for production use.	May 30, 1996
Conduct User Training	May 19, 1996

;	DUENT OF COLIO					1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLIC		3. EFFECTIVE	and the second		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable
	30					AF.5432	
ISSU	ED BY	CODE	FEB 1	4 1997	7. ADMINIST	ERED BY (If other than Item 6)	CODE
La	ational Aeronautics a ingley Research Cen ampton, VA 23681-(ter	Administrati	on			
NAM	E AND ADDRESS OF CONT	RACTOR (No.	, street, county, S	tate, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLICI	TATION NO.
NI	CI Information Syst	lome Inc					
	260 Greensboro Dr					9B. DATED (SEE ITEM 11)	
	cLean, VA 22102	ive, Suite					
141						10A. MODIFICATION OF CON	NTRACT/ORDER NO.
					x	NAS1-20650	
						10B. DATED (SEE ITEM 13)	
ODE	····	FAC	LITY CODE			2/1/96	
	11.	THIS ITE	M ONLY AP	PLIES TO	AMENDME	NTS OF SOLICITATIO	NS
R;	IT M	; \$94664 (5 ITEM AF IODIFIES	Complete) PLIES ONL THE CONT	RACT/ORE	ER NO. AS	S OF CONTRACTS/OF DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE N	14.
(x) X	NO. IN ITEM 10A. 52.243-2 Changes						MADE IN THE CONTRACT ORD
<u> </u>		D CONTRAC	T/ORDER IS MOD	DIFIED TO REF		NISTRATIVE CHANGES (such as	s changes in paying office,
	C. THIS SUPPLEMENTAL						
	D. OTHER (Specify type of	modification a	and authority)			·····	
14. DE		T/MODIFICAT	ION (Organized b	y UCF section I	headings, includii	_ copies to the issuing office. g solicitation/contract subject ma	
c		Work as r	oted below.	Increment	al funding is	e order, to implement of allotted to the contract de:	

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OF ROSEMARY C. FROEHLIC	· · · · ·
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. LANTED STATES OF AMERICA BY HOSEMALY CFLOCK	16C. DATE SIGNED
(Signature of person authorized to sign)		 (Signature of Confirmating Officer) 	2-14-51
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	FILE (

A. Exhibit A, Statement of Work, is hereby changed as shown below:

1. Section 8, Applications Development and Enhancements, is revised to incorporate the following Job Description Documents (JDD) by reference:

AF010 Facility Database AF011 Badge and Pass System Application Expansion

B. A performance-based JDD including performance metrics is added to Exhibit G and is attached hereto.

C. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will be effected.

D. Funding in the amount of \$94,664 for cost and fee has been added to Section B, B-3, Contract Funding, and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,011,415. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through July 22, 1997.

(b) An additional amount of \$252,878 is obligated under this contract for payment of fee."

	CONTRACT TABULATION													
	Estimated Award Fee CPAF Funding Cost													
Through Mod. 24	\$4,217,574	\$233,296	\$4,450,870.0	\$4,359,396										
			0											
Mod. 25	3,517,800	204,100	3,721,900	2,120,000										
Mod. 26	0	0	0	590,233										
Mod. 27	0	0	0	. 0										
Mod. 28*	0	0	0	0										
Mod. 29	0	0	0	100,000										
Mod. 30	0	0	0	94,664										
Total	\$7,735,374	\$437,396	\$8,172,770	\$7,264,293										

Funding includes \$7,011,415 for cost and \$252,878 for fee. *Mod. No. 28 is in progress.

Exhibit G

-

-.

.

...

•

,-(

Assignment of Job Description Documents:

-

•

.

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)) 4-10-96
GI001	Facility Maintenance Augmentation Database	
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Modul	le 12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97

Job Description Document for BAMIS Contract (NAS1-20650)

JDD AF010

Title: Facility Database

LaRC Point of Contract: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 757-864-3361

Scope

Formalize requirements, document a development plan for the design, development and implementation of a Facility Database, and, upon acceptance by OSEMA management, complete all work.

General Requirements

The database will be developed in SYBASE and run on OSEMA's server. The application shall be accessible from all OSEMA desktop computers (Macintosh, PCs running MS Windows 95, and others), and shall utilize the standardized 4D OSEMA user interface which includes four levels of access control. Response time will be a critical performance measure and must guide the database development. Access will be available to appropriate OSEMA users through the OSEMA Management Information System. Protection of the data, both during transmission and while in the database file, is vital. Appropriate interfaces with other OSEMA applications must be included. The Facility Database will be included as an integral part of the OSEMA Management Information System which must assure periodic backups of the data.

Specific Requirements

The Facilities Database is expected to capture any activity within a facility in which OSEMA personnel participates. This will primarly involve personnel fron the Office of Safety and Facility Assurance (OSPA) and the Office of Environmental Engineering (OEE). However, there will be a lower level of involvement from the Office of Security and Public Safety (OSPS), and may include some programs from he Office of Mission Assurance (OMA). The following types of information will be included in addition to other information identified in Phase 1:

Facility Safety Heads
Facility Coordinators
Facility Environmental Coordinators
Any Permits Issued
Any Violations Noted
Audits Performed and Results
Safety
Environmental
Security
Any Programs or Projects Conducted in Facility
Pollution Prevention
Recycling
Operational Demonstrations
Modifications covered under Change Notifications Sheets
Hazardous waste information
Environmental Spills

The development should be divided into 3 distinct phases:

- 1. Formalization of Facility Database requirements. This phase will conclude with the presentation of a documented development plan, and acceptance by OSEMA Management.
- 2. Rapid prototyping of screen formats, database contents, and reports
- 3. Full integration of Facility Database into the OSEMA Management Information System which includes training, documentation, and final acceptance by OSEMA management.

Completion of this project is required within 20 weeks. Phase 1 should be complete within 5 weeks, followed by Phase 2 which should be complete by week 17, and finally Phase 3 should be complete within the 20 weeks alloted for the program.

The proposal for this task from NCI shall outline specific milestones in each phase (see JDD AF-009 for an acceptable example of milestone breakdown by phase), propose specific metrics by which performance can be measured and tracked during development in addition to the overall metrics shown below, and provide cost estimates for each phase.

Metrics

- 1. Full LaRC network access and functionality of all applications from remote desktop equipment.
- 2. Conformance to the requirements listed above, as well as those defined in the development plan.
- 3. Completion of all work within the schedule and cost.
- 4. <u>Specific metrics to be proposed by the contractor as a part of the proposal by</u> which performance can be measured and tracked during development of each phase.

Milestones

Milestones for phases 2 and 3 will be developed by OSEMA upon the receipt on the Phase 1 documentation. Suggested milestones should be provided by the contractor

Phase 1 Milestones

- 1. Documented Facility Database plan
- 2. Monthly status reports indicating technical progress
- 3. Monthly plots showing technical progress against cost to date
- 4. Monthly reports indicating technical progress with respect to schedule

Job Description Document for BAMIS Contract (NAS1-20650)

JDD AF011

Title: Badge and Pass System application expansion

LaRC Point of Contract: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 757-864-3361

Scope

Expand the scope of the Badge and Pass System Designed for use in LaRC's Badge & Pass Office that was originally done under JDD AF-009. The expansion will be as noted below.

General Requirements

The data will be maintained in SYBASE running on OSEMA's server. The applications shall be accessible from appropriate computers (Macintosh, PCs running MS Windows 95, and others) utilized by OSEMA personnel, and shall provide the standardized OSEMA user interface including four levels of access control. Response time will be a critical performance measure and must guide the database development. Access will be available to appropriate OSEMA users across LaRC's network. Protection of the data during transmission and in the database is vital and appropriate backup systems must be included.

The application will provide for conversion from analog to digital cameras in the Badge & Pass Office.

Upon issuance of this JDD all work on JDD 009 should be considered complete. Any remaining funding on JDD-009 should be transferred to this JDD. All information provided under JDD 009, including answers to questions asked at the latest rapiding prototyping session held between NCI/RTI and OSEMA will be considered to apply to this extension of work.

Specific Requirements

The development should be divided into 3 distinct phases:

- 1. Development of Core Functionality
- 2. Migration of the Telephone Locator System
- 3. Migration of the Traffic Violations System

The total estimated period of performance for this project is 8 weeks. Phase 1 should be complete within 6 weeks, followed by Phase 2 which should be complete in 7 weeks, and finally Phase 3 should be complete in 8 weeks. Activity on each of the phases will have to be conducted concurrently.

Phase 1 Core Functionality

- 1. Make recommendations for hardware upgrades for a new digital image capture system.
- 2. Develop the application programming interface (API) that will provide for image capture from new digital cameras to the 4D Windows/Sybase environment.
- 3. Test the API

- 4. Configure the Windows and printer drivers to enable the 4D application to send print jobs to the color, thermal, and pvc printers from within the 4D environment.
- 5. Develop or provide an interface that will allow the MIS staff or OSEMA managers the capability to modify the badge template
- 6. Import existing data from FoxPro into Sybase
- 7. Develop the 4D GUI screens
- 8. Provide the capability for read only remote access to the badge and pass system for the purpose of viewing employee information including the employees badge photograph.
- 9. Install site acceptance testing (SAT) system
- 10. Training
- 11. Respond to site acceptance testing (SAT) issues

Phase 2 Migration of the Telephone Locator System

- 1. Develop the 4D GUI screens
- 2. Import data from mainframe into Sybase
- 3. Install site acceptance testing (SAT) system
- 4. Training
- 5. Respond to site acceptance testing (SAT) issues

Phase 3 Migration of the Traffic Violations System

- 1. Develop the 4D GUI screens
- 2. Import data from mainframe into Sybase
- 3. Install site acceptance testing (SAT) system
- 4. Training
- 5. Respond to site acceptance testing (SAT) issues

Metrics

- 1. Full LaRC network access and functionality of all applications from remote desktop equipment.
- 2. Conformance to the specific requirements (above) and those defined in the Schedule and Resource Plan.
- 3. Completion of all work within the schedule and cost as defined in the Schedule and Resource Plan.

Milestones

- 1. Monthly reports to OSEMA management on progress.
- 2. Functional demonstration of each application operating under SYBASE from remote (LaRC) locations

Phase 1	6 weeks from start
Phase 2	7 weeks from start

Phase 3 8 weeks from start

AMENDMENT OF SOLICITATION		ON OF CO	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES	
. AMENDMENT/MODIFICATION NO. 31		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable AF. 5442		
6. ISSUED BY CODE			7. ADMINISTI	7. ADMINISTERED BY (If other than Item 6) CODE		
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	e Administration	I				
NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State	e, and Zip Coo	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
NCI Information Systems, Inc 8260 Greensboro Drive, Suit McLean, VA 22102				9B. DATED (SEE ITEM 11)		
				10A. MODIFICATION OF CO	NTRACT/ORDER NO.	
			x	NAS1-20650		
				10B. DATED (SEE ITEM 13)		
				2/1/96 -		
11. THIS ITI	EM ONLY APPI	LIES TO /	AMENDME	NTS OF SOLICITATIO	NS	
2. ACCOUNTING AND APPROPRIATION DAT	A (If required)	prior to the o	pening hour and	nay be made by telegram or lette date specified.		
2. ACCOUNTING AND APPROPRIATION DAT/ R21143; 323-97-01-01; \$80,000 13. THIS ITEM A IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe deimbursement CT/ORDER IS MODIFI I TEM 14, PURSUANT IT IS ENTERED INTO	TO MOD CT/ORD Cify authority) (AUG 194 ED TO REFL TO THE AU	IFICATION ER NO. AS THE CHANGES 87) Alternat ECT THE ADMIN THORITY OF FA	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) NISTRATIVE CHANGES (such a R 43.103(b).	RDERS, 14. MADE IN THE CONTRACT ORDE	
ACCOUNTING AND APPROPRIATION DAT/ R21143; 323-97-01-01; \$80,000 13. THIS ITEM A IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRAG appropriation date, etc.) SET FORTH IN	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe deimbursement CT/ORDER IS MODIFI I TEM 14, PURSUANT IT IS ENTERED INTO	TO MOD CT/ORD Cify authority) (AUG 194 ED TO REFL TO THE AU	IFICATION ER NO. AS THE CHANGES 87) Alternat ECT THE ADMIN THORITY OF FA	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) NISTRATIVE CHANGES (such a R 43.103(b).	RDERS, 14. MADE IN THE CONTRACT ORDE	
ACCOUNTING AND APPROPRIATION DAT/ R21143; 323-97-01-01; \$80,000 13. THIS ITEM A IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRAG appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification E. IMPORTANT: Contractor X is not, is real	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe Leimbursement CT/ORDER IS MODIFI ITEM 14, PURSUANT IT IS ENTERED INTO and authority) quired to sign this do	TO MOD CT/ORD city authority) (AUG 198 ED TO REFL TO THE AU PURSUANT	IFICATION ER NO. AS THE CHANGES 87) Alternal ECT THE ADMIN THORITY OF FA TO AUTHORITY return	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) IISTRATIVE CHANGES (such a R 43.103(b). OF: copies to the issuing office.	RDERS, 14. MADE IN THE CONTRACT ORDE s changes in paying office,	
12. ACCOUNTING AND APPROPRIATION DAT/ R21143; 323-97-01-01; \$80,000 13. THIS ITEM A IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRAG appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification E. IMPORTANT: Contractor X is not, is real	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe Leimbursement CT/ORDER IS MODIFI ITEM 14, PURSUANT IT IS ENTERED INTO and authority) quired to sign this do ATION (Organized by C rized and director noted below. If he following cha	TO MOD ACT/ORD city authority) (AUG 194 ED TO REFL TO THE AU PURSUANT PURSUANT ACCEPTION IN COMMENTION	IFICATION ER NO. AS THE CHANGES B7) Alternat ECT THE ADMIN THORITY OF FA TO AUTHORITY return eeddings, Includin htract chang al funding is hereby mad	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) VISTRATIVE CHANGES (such a R 43.103(b). OF: 	RDERS, 14. MADE IN THE CONTRACT ORDI s changes in paying office, atter where feasible.) changes to the t pursuant to the Contra changed and in full force and effec	
ACCOUNTING AND APPROPRIATION DAT/ R21143; 323-97-01-01; \$80,000 13. THIS ITEM A IT MODIFIES NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRAG appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification E. IMPORTANT: Contractor X is not, is ree 14. DESCRIPTION OF AMENDMENT/MODIFICA The contractor is hereby author contract Statement of Work as Funding clause. Accordingly, t Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or pr	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe reimbursement CT/ORDER IS MODIFINITY ITEM 14, PURSUANT IT IS ENTERED INTO and authority) quired to sign this do ATION (Organized by C rized and directed noted below. In the following char int)	prior to the op TO MOD ACT/ORD city authority (AUG 194 ED TO REFL TO THE AU PURSUANT PURSUANT Accument and ICF section h ed, by cor acrementa anges are erenced in Itel	IFICATION ER NO. AS THE CHANGES 87) Alternat ECT THE ADMIN THORITY OF FA TO AUTHORITY return eadings, Includin htract chang al funding is hereby mac	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) IISTRATIVE CHANGES (such a IR 43.103(b). OF: 	RDERS, 14. MADE IN THE CONTRACT ORDE s changes in paying office, atter where feasible.) changes to the t pursuant to the Contra changed and in full force and effec DFFICER (Type or print)	
13. THIS ITEM A IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRAL appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification E. IMPORTANT: Contractor X is not, is ref 14. DESCRIPTION OF AMENDMENT/MODIFICA The contractor is hereby author contract Statement of Work as Funding clause. Accordingly, t Except as provided herein, all terms and condition	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe Leimbursement CT/ORDER IS MODIFI ITEM 14, PURSUANT IT IS ENTERED INTO and authority) quired to sign this do ATION (Organized by C rized and director noted below. If he following cha	prior to the op TO MOD ACT/ORD city authority (AUG 194 ED TO REFL TO THE AU PURSUANT PURSUANT Accument and ICF section h ed, by cor acrementa anges are erenced in Itel	IFICATION ER NO. AS THE CHANGES 87) Alternat ECT THE ADMIN THORITY OF FA TO AUTHORITY return eadings, Includin htract chang al funding is hereby mac	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) VISTRATIVE CHANGES (such a R 43.103(b). OF: 	RDERS, 14. MADE IN THE CONTRACT ORDE s changes in paying office, atter where feasible.) changes to the t pursuant to the Contra	
ACCOUNTING AND APPROPRIATION DAT/ R21143; 323-97-01-01; \$80,000 13. THIS ITEM A IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A. X 52.243-2 Changes - Cost-R B. THE ABOVE NUMBERED CONTRAG appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification E. IMPORTANT: Contractor X is not, is ref 14. DESCRIPTION OF AMENDMENT/MODIFICA The contractor is hereby author contract Statement of Work as Funding clause. Accordingly, t Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or pr	A (If required) D (Complete) APPLIES ONLY S THE CONTRA PURSUANT TO: (Spe reimbursement CT/ORDER IS MODIFINITY ITEM 14, PURSUANT IT IS ENTERED INTO and authority) quired to sign this do ATION (Organized by C rized and directed noted below. In the following char int)	TO MOD ACT/ORD city authority) (AUG 194 ED TO REFL TO THE AU PURSUANT DURSUANT ACCESSION IN Ed, by COR INCREMENTATION CONTRACTOR IN ECTION INCOMENTING CONTRACTOR IN ECTION INCOMENTING CONTRACTOR INTERNA CONTRACTOR INTO CONTRACTOR INCOMENTING CONTRACTOR INTO CONTRACTOR INTO	IFICATION ER NO. AS THE CHANGES THE CHANGES B7) Alternal ECT THE ADMIN THORITY OF FA TO AUTHORITY return return ntract chang al funding is hereby mac m 9A or 10A, as 16A. NAME A JOAN 16B. UNITED BY	date specified. S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE te II (APR 1984) VISTRATIVE CHANGES (such a R 43.103(b). OF: 	RDERS, 14. MADE IN THE CONTRACT ORD s changes in paying office, atter where feasible.) changes to the t pursuant to the Contra changed and in full force and effec DFFICER (Type or print)	

- OPY

A. Exhibit A, Statement of Work, is hereby changed as shown below:

1. Section 8, Applications Development and Enhancements, is revised to incorporate the following Job Description Documents (JDD) by reference:

AF012 Personnel Database Module

B. A performance-based JDD including performance metrics is added to Exhibit G and is attached hereto.

C. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will_be effected.

D. Funding in the amount of \$80,000 for cost and fee has been added to Section B, B-3, Contract Funding, and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,086,775. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through July 22, 1997.

(b) An additional amount of \$257,518 is obligated under this contract for payment of fee."

	CONTRACT TABULATION						
	<u>Estimated</u> <u>Cost</u>	Award Fee	CPAF	Funding			
Through Mod. 24	\$4,217,574	\$233,296	\$4,450,870.0 0	\$4,359,396			
Mod. 25	3,517,800	204,100	3,721,900	2,120,000			
Mod. 26	0	0	0	590,233			
Mod. 27	0	0	0	0			
Mod. 28*	0	0	0	0			
Mod. 29	0	0	0	100,000			
Mod. 30	0	0	0	94,664			
Mod. 31				80,000			
Total	\$7,735,374	\$437,396	\$8,172,770	\$7,344,293			

Funding includes \$7,086,775 for cost and \$257,518 for fee. *Mod. No. 28 is in progress.

> Page 2 of 7 NAS1-20650 Modification No. 31

Job Description Document Job Description Document for BAMIS Contract NAS1-20650

1

JDD AF012

Title: Development of a Personnel Database Module

LaRC Point of Contract: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421 Phone 757-864-3361

Scope

Provide necessary programming support to develop a Personnel Database module with a 4D front-end accessing a Sybase database running on a UNIX based workstation.

General Requirements

The application will use **4th** Dimension as a front end interface with the database maintained in SYBASE running on OSEMA's SUN UNIX Server. The Personnel Database shall be accessible from the appropriate computers (Macintosh, PCs running MS Windows 95) used by OSEMA personnel, and shall provide the standardized OSEMA user interface including four levels of access control. Response time will be a critical performance measure and must guide the database development. Access to Personnel Database module shall be available to all OSEMA users across LaRC's network links. Protection of the data is vital and requires appropriate backup capability to be included. All OSEMA personnel, as well as selected others, shall be capable of read only access. However, the capability to enter and modify data will be restricted.

Specific Requirements

1.Develop the Personnel Database under Sybase on the SUN workstation according to requirements identified in the Personnel Database Requirements Document (see attachment 1). The Personnel Database Requirements Document is a compilation of requirements identified in meetings with the OSEMA users conducted under JDD AF-OO5

2.Demonstrate error-free functionality of the Personnel Database module upon delivery.

3. Provide training for users of the Personnel Database module.

Job Description Document

Metrics

- Full LaRC network access and functionality of the Personnel Database module from remote desktop (PC with Windows 95 and Macintosh) computers.
 Conformance to the requirements listed in the Personnel Database Requirements Document.
 Completion of all work within the agreed upon schedule and cost
 The system will be delivered error-free and successfully demonstrated.
 Error free interface with all other OSEMA Applications.

Milestones

1.	Provide Monthly Status Reports	Monthly
2.	Completion of application programming	After 24 weeks of development
3.	Creation of test data for training	5 weeks prior to turnover for a period of 1 week
4.	Training	4 weeks prior to turnover for a period of 1 week
5.	System Acceptance Testing	3 weeks prior to turnover for a period of 2 weeks
6.	Creation of production database	1 week prior to turnover for a period of 1 week
7.	System available for production	After creation of production database

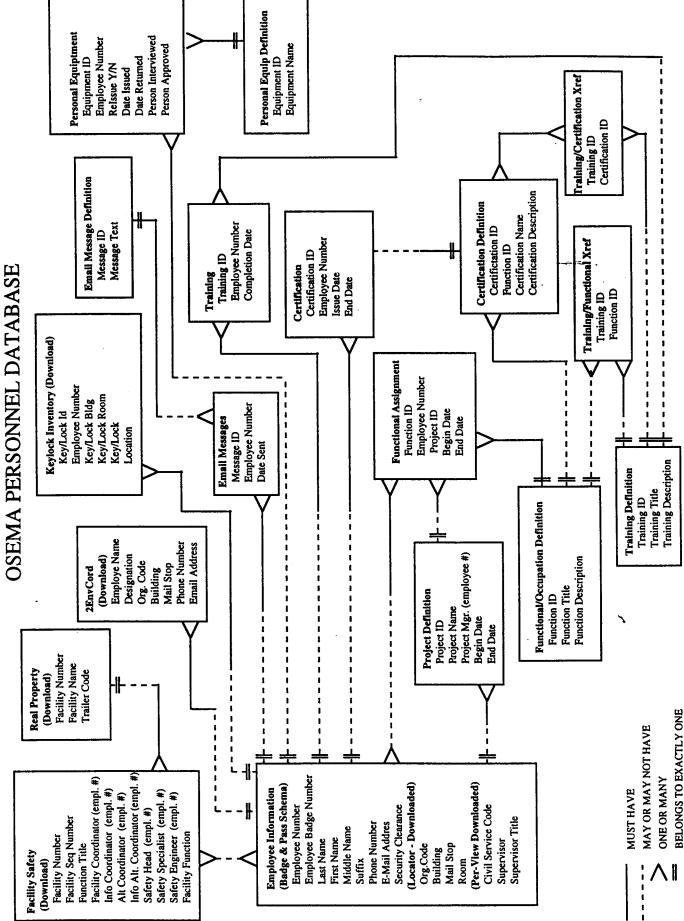


Exhibit G

(

Job Description Documents (JDD)

Exhibit G

1

Assignment of Job Description Documents:

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Modul	e 12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97

· · · · · · · · · · · · · · · · · · ·	'				<u>.</u>		1. CONTRACT ID CODE	Р	AGE O	FPAGES
AMENDMENT OF SOLICITAT								1		6
2. AMENDMENT/MODIFICATION NO.	3. EF				4. REC	UISITI	ON/PURCHASE REQ. NO.	5. PROJEC	CT NO.	(If applicable)
32			4_	997	7 4 5 4	ALL UCT	ha 2041 ERED BY (If other than Item 6)	CODE	1	
6. ISSUED BY					- /. AUT		ERED BY (II OUNER INAN IIEM 6)	CODE		
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001	pace Admi	nistra	atior	า						
8. NAME AND ADDRESS OF CONTRACT	OR (No., street,	county	y, Stal	te, and Zip Co	ode)	(X)	9A. AMENDMENT OF SOLICI	TATION NO.		
NCI Information Systems						İ				
8260 Greensboro Drive, Suite 400						9B. DATED (SEE ITEM 11)				
	Suite 400					ļ				
McLean, VA 22102						10A. MODIFICATION OF COI	NTRACT/ORI	DER NO	<u>.</u>	
					x NAS1-20650					
					10B. DATED (SEE ITEM 13)					
CODE	FACILITY CO	DE				1	2/1/96		-	
11 TH	S ITEM ON	LY	APP	LIES TO	AMENI	MEI	NTS OF SOLICITATIO	NS		
 The above numbered solicitation is an Offers must acknowledge receipt of this arm (a) By completing Items 8 and 15, and retur (c) By separate letter or telegram which incl RECEIVED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendment you makes reference to the solicitation and this 	endment prior to ning copi udes a referenc FOR THE REC desire to chang amendment, an	o the h es of ti e to th EIPT (e an of d is re	our ar he am e solid OF OF ffer al	nd date specif endment; (b) citation and a FFERS PRIOI ready submitt	Red in the s By acknow mendment R TO THE red, such c	iolicitat rledging numbe HOUR hange i	ion or as amended, by one of the g receipt of this amendment on e ers. FAILURE OF YOUR ACKNO AND DATE SPECIFIED MAY RE may be made by telegram or lette	ach copy of th WLEDGEME	ie offer NT TO JECTIO	BE N OF YOUR
12. ACCOUNTING AND APPROPRIATION	IDATA (If requir ここく 4ら7		\$7	5 000	(Compl	ete)				
12 THIC ITE		S O					S OF CONTRACTS/OI	RDERS		
							DESCRIBED IN ITEM			
(X) A. THIS CHANGE ORDER IS ISS NO. IN ITEM 10A.	UED PURSUAN	т то	: (Sp	ecify authority) THE CH	ANGE	S SET FORTH IN ITEM 14 ARE I	WADE IN THE	CONT	RACT ORDER
X 52.243-2 Changes - Co	st-Reimbu	sem	ent	(AUG 19	987) Al	erna	te II (APR 1984)			
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR	NTRACT/ORDE	R IS N PURS	NODIF	TIED TO REF	LECT THE	ADMIN OF FA	NISTRATIVE CHANGES <i>(such a</i> s NR 43.103(b).	s changes in j	oaying o	office,
C. THIS SUPPLEMENTAL AGRE	EMENT IS ENT	ERED	INTC	PURSUANT	TO AUTH	ORITY	OF:			
D. OTHER (Specify type of modil	ication and auth	ority)							<u> </u>	·····
E. IMPORTANT: Contractor X is not	, is required to	sign t	this d	ocument and	d return _		_ copies to the issuing office.		· · ·	
14. DESCRIPTION OF AMENDMENT/MO	DIFICATION (O	ganize	ed by	UCF section	headings, i	ncludir	g solicitation/contract subject ma	tter where fea	asible.)	

1

The contractor is hereby authorized and directed, by contract change order, to implement changes to the contract Statement of Work as noted below. Incremental funding is allotted to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made:

15A. NAME AND TITLE OF SIGNER (Type or print)	am 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Joan Y. Crepps					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AM	Creeks	16C. DATE SIGNED		
(Signature of person authorized to sign)		(Signature of Gontra	cting Officer	-1.4 []		
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	3	0-105	STANDARD FOR Prescribed by GSA FAR (48 CFR) 53.24	M 30 (Rev. 10-83)		
	FILE	COPY				

A. Exhibit A, Statement of Work, is hereby changed as shown below:

1. Section 8, Applications Development and Enhancements, is revised to incorporate the following Job Description Documents (JDD) by reference:

HA 004 Current State Processing Analysis System

B. A performance-based JDD including performance metrics is added to Exhibit G and is attached hereto.

C. The Government will issue a subsequent modification that definitizes the changes contained herein. A full and complete equitable adjustment will be negotiated and the resulting increases to the estimated cost and available award fee will be effected.

D. Funding in the amount of \$75,000 for cost and fee has been added to Section B, B-3, Contract Funding, and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,157,425. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through July 22, 1997.

(b) An additional amount of \$261,868 is obligated under this contract for payment of fee."

	CONTRACT TABULATION							
	<u>Estimated</u> <u>Cost</u>	Award Fee	<u>CPAF</u>	Funding				
Through Mod. 24	\$4,217,574	\$233,296	\$4,450,870.0 0	\$4,359,396				
Mod. 25	3,517,800	204,100	3,721,900	2,120,000				
Mod. 26	0	0	0	590,233				
Mod. 27	0	0	0	0				
Mod. 28*	0	0	0	0				
Mod. 29	0	0	0	100,000				
Mod. 30	0	0	0	94,664				
Mod. 31				80,000				
Mod. 32	0	0	0	75,000				
Total	\$ 0	\$ O	\$ 0	\$7,419,293				

CONTRACT TABULATION

Funding includes \$7,157, 425 for cost/\$261,868 for fee. *Mod. No. 28 is in progress. Page 2 of 6 NAS1-20650 Modification No. 31

Exhibit G

(

Job Description Documents (JDD)

Exhibit G

· ·

. .

. .

(

Assignment of Job Description Documents:

.

.

.

JDD #DescriptionEffective DateAF001OSEMA Management Information System2-06-96AF001.01OSEMA Management Information System6-19-96GMG001IOG COTS Database2-29-96GMG001.01IOG COTS Database6-19-96
AF001.01OSEMA Management Information System6-19-96GMG001IOG COTS Database2-29-96GMG001.01IOG COTS Database6-19-96
GMG001IOG COTS Database2-29-96GMG001.01IOG COTS Database6-19-96
GMG001.01 IOG COTS Database 6-19-96
GMG001.02 IOG COTS Database 12-1-96
HA001 Integrated Financial Management Program 3-14-96
IO01 HSR Management Information System PCD Mods 3-14-96 UA 002 Gradit Grad Decensiliation System 4.02.06
HA002 Credit Card Reconciliation System 4-02-96
AF004 NASA Automated Audit Mgmt. Sys. Enh. (OSEMA) 4-10-96
GI001 Facility Maintenance Augmentation Database 5-03-96
GM001 MIS System Plan for LaRC 5-03-96
HB001EPRS Mods to Support FAB5-03-96
DA001 Workforce Management System for Aero Division 6-17-96
AF005 Development of MIS Applications 6-19-96
AF007 OSEMA Computer Infrastructure Support 6-19-96
HB002 Management Information System for Lead Center 6-28-96
GM002 Combined Federal Campaign Application 7-03-96
GMG002 LaRC's Data Warehousing and Implementation 12-01-96
AF006 SYBASE Conversion of OSEMA MIS Budget Module 12-01-96
AF009 Badge and Pass System 12-01-96
HA003 Credit Card Reconciliation System Phase II 1-29-97
AF010 Facility Database 2-11-97
AF011 Badge and Pass System Application Expansion 2-11-97
AF012 Development of a Personnel Database Module 2-28-97
HA004Current State Processing Analysis System3-14-97

Job Description Document for BAMIS Contract NAS1-20650

JDD # HA-004

Title: Current State Processing Analysis System

LaRC Point Of Contact: Chris Tremper, IFMP Transition / Implementation Manager Mail Stop 179 Phone 864-8040

Scope: This JDD provides for the analysis, requirements definition, development, and implementation of the LaRC Current State Process Analysis system. Requirements include the ability to capture required data, store, in a RDBMS, and retrieve information with various queries. For Phase I utilize the Functional Requirements Document generated under Work Request HA-9711.

General Requirements:

Work is to be broken into two separate phases:

Phase 1 - Initial collection, storing, and retrieving of information with minimal reporting.

Phase 2 - Incorporate capability to capture and store IFMP work processes and capabilities, match to LaRC capabilities, and provide information regarding non-matched capabilities among the two.

Performance Requirement:

- Phase 1

• 1. Develop a web based application that will collect, store, and retrieve data contained in the LaRC Current State Process Analysis system.

• Conduct a weekly status reporting meeting on the status of this JDD to the LaRC IFMP Transition / Implementation Manager.

- Phase II

• Develop a final Functional Requirements Document with Phase II requirements.

• Complete Development of Phase II functionality.

Metrics:

- Phase I

• Develop a detailed work schedule within two weeks of receipt of JDD and approved FRD. This detailed work schedule will become the schedule metrics and milestones of this JDD effort.

• Conduct a weekly status meeting of JDD in which plans to actuals of the schedule are reviewed.

• Develop initial prototype of system with 50% functionality no later than five weeks after start of task or receipt of JDD and approved FRD whichever is earlier.

• Complete system development of Phase I version of system not later than April 30, 1997.

- Phase II

• Conduct a weekly status meeting of JDD in which plans to actuals of the schedule are reviewed.

- Develop final version of the Functional Requirements Document with Phase II requirements by April 30, 1997.
- Develop initial prototype of Phase II system with 50 % functionality by June 15, 1997.
- Complete development of Phase II system by July 30, 1997.

		1		OMB		proval #: 2700-0042			
	NDMENT OF SOLICITA	TION/MC	DIFICATION OF			1. CONTRACT ID COE	Æ	PAGE C	F PAGES
2. AM	ENDMENT/MODIFICATION NO.	3. E 3	FFECTIVE DATE	4. REQUIS	SITK	ON/PURCHASE REQ. N	D. 5.	PROJECT NO	. (If applicable)
6. ISS				7. ADMINI	STE	RED BY (If other than Ite	vm 6)	CODE	
L	ational Aeronautics and S angley Research Center ampton, VA 23681-000	•	ministration						
8. NA	WE AND ADDRESS OF CONTRACT	OR (No., str	eet, county, State, and Zip C	code) (x	ъ	9A. AMENDMENT OF	SOLICITA	TION NO.	
8	ICI Information System 260 Greensboro Drive, IcLean, VA 22102		00			9B. DATED (SEE ITEM	11)		
	•			T	10A. MODIFICATION C	OF CONTR	ACT/ORDER N	Ю.	
		×	$\langle $	NAS1-20650		·. •			
<u> </u>					Ì	10B. DATED (SEE ITE	M 13)		
CODE		FACILITY	CODE NLY APPLIES TO A			2/1/96	ATION		·
	The above numbered solicitation is a				_		1		is not
extended. Criters must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing thems 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By specials letter or tolegram which includes a reference to the solicitation and amendment numbers. FALURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (I/ required) N/A 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (X) A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. 8. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: X D. OTHER (Specify type of modification and authority) 18-52.216-76 Award Fee for Service Contracts (SEP 1993) E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENTMODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feestble.) The purpose of this modification is revise the award fee available for the second award fee period to reflect the amount earned as determined by the Government. Accordingly,									
effect	at as provided herein, all terms and c NAME AND TITLE OF SIGNER (<i>Ty</i>)		ne document referenced in l	16A. NAME CAR	e Ai RO	s heretofore changed, ren ND TITLE OF CONTRAC LYN A. WELLS RACTING OFFI	TING OF		
158.	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNIT	〒 戸 1/1	STATES OF AMERICA	Jell		ATE SIGNED -18-97
	(Signature of person authorized to	sign)	1		(Sig	nature of Contracting Off	cer)		

÷

(Signature of	person	authorized	to sign)
NSN 7540-01-152-8	070		

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, the award fee available for the second award fee period is \$90,000 and is shown below:

*B. The award fee available for each evaluation period is as follows:

Period

Available Award Fee

February 1, 1996 - July 31, 1996 August 1, 1996 - January 31, 1997

\$96,000 \$90,000"

CONTRACT TABULATION

	<u>Estimated</u> Cost	Award Fee	CPAF	Funding
Through Mod. 24	\$4,217,574	\$233,296	\$4,450,870	\$4,359,396
Mod. 25	3,517,800	204,100	3,721,900	2,120,000
Mod. 26	0	0	0	590,233
Mod. 27	0	0	0	0
Mod. 28*	0	0	· 0	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31				80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Total	\$ 0	\$ O	\$ O	\$7,419,293

Funding includes \$7,157,425 for cost and \$261,868 for fee. *Mod. No. 28 is in progress.

Page 2 of 2 NAS1-20650 Modification No. 33

						OM	B Approval #:	2700-0042
					1. CONTRACT	D CODE	PAGE OF	PAGES
ÁME	NDMENT OF SOLICITATIO	N/MODIFICATION OF	CONTRA	CT	1		1	3
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISIT	ION/PURCHASE P	REQ. NO.	5. PROJEC	T NO. (If appli	cable)
	34			HA 2042	2			
6. ISSU		+ MAY N - 2 1997	7. ADMINIST	ERED BY (If other		CODE	T	
0. 1330							L	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		e Administration		• •				
8. NAN	IE AND ADDRESS OF CONTRACTOR (A	io., street, county, State, and Zip C	ode) (x) 9A. AMEND	MENT OF SOLI	CITATION NO	D.	<u> </u>
82	CI Information Systems, In 260 Greensboro Drive, Sui cLean, VA 22102				(SEE ITEM 11)		. ب ه	
					FICATION OF CO	ONTRACT/OF	RDER NO.	
			X	NAS ²	1-20650			
				108 DATE	D (SEE ITEM 13)			
CODE	FAC			2/1/9	6			
	11. THIS (TEM ONLY APPLIES TO A	MENDME	NTS OF SOI	ICITATIONS	5		
Offers r (a) By c or (c) B RECEIV YOUR telegrar	IT MODIFIE	e) R22457; \$162,5 APPLIES ONLY TO MODI	ied in the solic By acknowled amendment r R TO THE HC submitted, suc eived prior to th 00 (Cor FICATION ER NO. AS	itation or as ame lging receipt of th numbers. FAILU DUR AND DATE ch change may b he opening hour NDIete) TC S OF CONTI DESCRIBEI	anded, by one of this amendment or RE OF YOUR AC SPECIFIED MAY be made by telegrand date specifie DTAL \$264 RACTS/ORD IN ITEM 14	n each copy o CKNOWLEDG (RESULT IN am or letter, p d. ,382 ERS,	If the offer su EMENT TO REJECTION provided each	bmitted; BE I OF
(x)	A. THIS CHANGE ORDER IS ISSUED PURSU	JANT TO: (Specify authority) THE CHA	NGES SET FOR	RTH IN ITEM 14 AF	RE MADE IN THE C	ONTRACT OR	DER NO. IN IT	EM 10A.
	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE AU	THORITY OF		CHANGES (suc	h as changes	in paying off	īce,
	C. THIS SUPPLEMENTAL AGREEMENT IS					-		
Х	52.243-2 Changes - Cost Re		<u>7) Alt II (A</u>	PK 1984)				
	D. OTHER (Specify type of modification and a	uthority						
E. IMI	PORTANT: Contractor is not, 🛛 i	s required to sign this docume	ent and return	n <u>3</u> co	pies to the issu			
14. DE	SCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section i	headings, incli	uding solicitation	contract subject	matter where	feasible.)	

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause for additional work added as a result of Modification No. 29 dated Feb. 5, 1997. Accordingly, the following change is hereby made to the Contract Schedule:

	(CO)	ntinuea)					
		0A, as heretofore changed, remains unchanged and in full force an					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICE	R (Type or print)				
CHARLES K. NARANG, PR	ESIDENT	JOAN Y. CREPPS					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	188. UNITED STATES OF AMERICA	16C. DATE SIGNED				
Charam	5/5/97	By Jaan (r. Crepps	MAY n 9 1997				
(Signature of person puthorized to sign)	2	(Signature of Contracting Officer)					
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30		ORM 30 (Rev. 10-83)				
The field Epinon broadber		Prescribed by GSA FAR (48 CFR) 53,243					
FILE COPY FAR (48 CFR) 53.243							

(continued)

A. Section B, B.2, is revised to increase cost by \$344,907 from \$8,744,747 to \$9,089,654 and the award fee available is increased by \$17,616 from \$480,318 to \$497,934. In addition, the award fee available for the second period is increased by \$17,616 from \$144,972 to \$162,588 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$9,089,654 exclusive of the award fee of \$497,934 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$9,252,242.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee		
February 1, 1996 - July 31, 1996	\$ 96,000	Section and	·
August 1. 1996 - January 31, 1997	90,000		
February 1, 1997 - July 31, 1997	162,588"		

B. Funding in the amount of \$264,382 for cost and fee has been added to Section B, B-3, Contract Funding, and is shown below:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,405,944. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 22, 1997.

(b) An additional amount of \$277,731 is obligated under this contract for payment of fee."

C. A revised performance-based JDD including performance metrics for JDD HA003 is added to Exhibit G and is attached hereto.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 3 NAS1-20650 Modification No. 34

	Estimated	Award Fee	CPAF	<u>Funding</u>
	<u>Cost</u>			
Through Mod. 24	\$4,217,574	\$233,296	4,450,870	\$4,359,396
Mod. 25	3,517,800	204,100	3,721,900	2,120,000
Mod. 26	0	0	0	590,233
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Total	\$9,089,654	\$497,934	\$9,587,588	\$7,683,675

CONTRACT TABULATION

ť

Funding includes \$7,409,991 for cost \$273,684 for fee.

•

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	\$32,764\$3	\$32,764	Mod. 5	3/1/96
			2,764			
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	132,049	200,000	Mod. 28	10/15/96
HA003	344,907	17,616	362,523	364,382	Mod. 29	10/24/97
Total	\$2,049,954	\$92,134	\$2,109,324	\$2,293,634		

Page 3 of 3 NAS1-20650 Modification No. 34

Job Description Document for BAMIS Contract NAS1-20650

JDD # HA003.00

Title: Bank Card Reconciliation System Phase II

LaRC Point of Contact: Jimmy H. Wilson, Head, Financial Systems and Quality Management Office, Financial Management Division, Mail Stop 136, Phone 4-2077

Scope: This JDD provides for the development and implementation of processes to: electronically receive bank card detail statement data from Rocky Mountain Bank; allowing bank cardholders to reconcile their statements using a WEB browser (NETSCAPE) to access a WEB application. The validated and approved transactions will be extracted from the WEB system's DBMS (SYBASE) and sent via File Transfer Protocol (FTP) to the mainframe for batch transaction processing in the Financial Management System (FMS). The contractor will provide technical support, consulting, training, and the coordination of the development and implementation of this on-line effort. User Group will assist in reviewing the on-line bark card system as it is being developed. Acceptance testing will be conducted by the bank card team.

General Requirements: Modify and implement the automated Bank Card Reconciliation System as stated in the approved December 11, 1996 Functional Requirements Document.

Specific Requirements:

Training:

The Contractor will provide a Training Plan and conduct the training. The Training Plan will present the training requirements and how the training will be provided. The training plan and requirements will be approved exclusive of the training procedures and materials.

The training procedures (course outline, lesson plans, lesson materials, schedules) will be prepared subsequent to the Training Plan and will be added to the plan as they are needed and developed or acquired. The training procedures will also include specific details concerning class schedules, duration of each class, class location, method and registration.

Weekly Meetings:

The contractor will schedule weekly meetings with the Bank Card Team. Meetings will include but not be limited to:

• Activities related to Bank Card System during the past week

- Problems encountered and the impacts of those problems
- Decisions made by contractor that were not detailed in the JDD
- Demonstration of conformance of the system to Functional Requirements (on-going review)
- All computer screens as they are being developed (on-going review)

Metrics:

• Delivery of the revised Training Plan document which identifies the training; provides the proposed schedule; and is presented in the AIM standard format.

• Delivery of the revised User Guides which document and explain the purpose and provide step-by-step instructions using among other things screen graphics.

• Training sessions which provide an overview presentation and present the functionality of the on-linesystem using the User Guide will allow time for questions and answers from the users. These training sessions will demonstrate how to access and use the system to reconcile and/or approve Bank Card statements.

• Testing: the performance of the system during acceptance testing will be demonstrated to be in conformance with the approved Functional Requirements

• Weekly meetings are maintained and project information is passed on by the contractor.

• Completion of all work within the proposed schedule.

• Completion of all work within the cost schedule.

Milestones (Schedule):

Develop First Prototype (Consists of EPRS Bank Card Online Module)	Jan. 29, 1997 –
Draft Training Plan	May 16, 1997
Final Training Plan	July 7, 1997
Draft User Guide	June 30, 1997
Final User Guide	July 7, 1997
System available for acceptance testing	May 19, 1997 (EPRS) July 14, 1997
Bank Card Reconciliation System installed and available for production use	July 31, 1997
Begin User Training	July 21, 1997
Complete User Training	Oct. 24, 1997

				1. CONTRACT ID CODE	PAGE OF PAGES			
AME	NDMENT OF SOLICITATION/							
2. AME	NDMENT/MODIFICATION NO. 35	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO. n/a	5. PROJECT NO. (If applicable)			
6. ISSL	JED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE			
La	ational Aeronautics and Space Ingley Research Center ampton, VA 23681-0001	Administration			• • • • • • • • • • • • • • • • • • •			
8. NAM	E AND ADDRESS OF CONTRACTOR (No	, street, county, State, and Zip Coo	de) (x)	9A. AMENDMENT OF SOLICI	TATION NO.			
N	CI Information Systems, Inc.							
	260 Greensboro Drive, Suite 40	20		9B. DATED (SEE ITEM 11)				
	cLean, VA 22102	00		B. DATED (SEE NEW H)				
				10A. MODIFICATION OF COM	TRACT/ORDER NO.			
			x	NAS1-20650				
				10B. DATED (SEE ITEM 13)				
CODE				2/1/96~				
	11. THIS ITE	MONLY APPLIES TO A	MENDME	NTS OF SOLICITATIO	NS			
(a) By c By sepa THE PL virtue of reference 12. AC	IT MODIFIES	copies of the amendment; (b) B rence to the solicitation and amend F OFFERS PRIOR TO THE HOUR fier already submitted, such change id is received prior to the opening h (if required) PPLIES ONLY TO MOD THE CONTRACT/ORD	y acknowledging ment numbers. AND DATE SP e may be made to our and date spe FICATION ER NO. AS	I receipt of this amendment on each FAILURE OF YOUR ACKNOWLE ECIFIED MAY RESULT IN REJEC y telegram or letter, provided each crified. S OF CONTRACTS/OR DESCRIBED IN ITEM	ch copy of the offer submitted; or (c) EDGEMENT TO BE RECEIVED AT CTION OF YOUR OFFER. If by h telegram or letter makes DERS, 14.			
	A. THIS CHANGE ORDER IS ISSUED PI NO. IN ITEM 10A.	UKSUANTTU: (Specny autnomy)	THE CHANGES	SET FORTH IN ITEM 14 ARE N	ADE IN THE CONTRACT ORDER			
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IT	TEM 14, PURSUANT TO THE AUT	HORITY OF FAI	R 43.103(b).	changes in paying office,			
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:				
	D. OTHER (Specify type of modification a	nd authority)			·····			
x	52.243-2, Changes and							
E. IMF	PORTANT: Contractor is not,		ument and ret	um 3 copies to the iss	suing office			
14. DE	SCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF section he	adings, includin	solicitation/contract subject matt	er where feasible)			
Tł In	ne purpose of this modification addition, the Statement of Wo urchased direct. Accordingly, t	i is to update Section H t ork will be revised to refl	o include a lect that sup	new clause to reflect Y plies for the operation of	ear 2000 requirements.			
	(CONTINUED)							

Except as provided herein, all terms and conditions of the	document referenced in Iter	n 9A or 10A, as heretofore char	iged, remains unchanged and	t in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF		
JOHN F. O'NEIL, SR. VP/C	GM		A M. HARVEY	
188. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF	MERICA /	16C. DATE SIGNED
(Signature of person authorized to Sign)	05/09/97	BY An /	1) Huvey	5/15/97
NSN 7540-01-152-8070		(Signature of Con		
PREVIOUS EDITION UNUSABLE		COPY	STANDARD FOR Prescribed by GSA FAR (48 CFR) 53.243	(MI 30 (Rev. 10-83)

Clause H.13 is hereby added to Section H:

"H.13 COMMERCIAL COMPUTER SOFTWARE AND SYSTEMS

Computer equipment, software, and systems delivered to the Government by the offeror must meet the following requirements:

The Contractor warrants that the items delivered under this contract are merchantable and fit for use for the particular purpose described in the contract, to include the accurate performance in the processing of date and date related data (including, but not limited to, calculating, comparing, and sequencing) by all hardware and software products delivered under this contract, individually and in combination, upon installation. This performance includes the manipulation of this data with dates prior to, through, and beyond January 1, 2000, and shall be transparent to the user. Modifications or updates that interface to existing systems will not require Year 2000 compliance from the existing system, but shall not prevent the existing system from performing.

Hardware and software products, individually and in combination, shall successfully transition into the Year 2000 with the correct system date, without human intervention, including leap year calculations. Hardware and software products, individually and combination, shall also provide correct results when moving forward or backward in time across the Year 2000."

B. The Statement of Work, Section 3.3, Logistics, first sentence, is revised to delete the words "using the Langley stock requisition form" from the end of the sentence.

А.

· · · · · · · · · · · · · · · · · · ·					OM	B Approval #:	2700-004
AMENDMENT OF SOLICITATIO	N/MODIFICATION OF	CONTRA	ACT	1. CONTRACT	ID CODE	PAGE OF	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE MAY 2 9 1997		TION/PURCHASE HA.204		5. PROJEC	T NO. (If applic	
6. ISSUED BY CODE		7. ADMINIS	TERED BY (If oth	er than item 6)	CODE		
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration						
8. NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip C	iode) (x	() 9A. AMEN	NDMENT OF SOLI	CITATION NO).	
NCI Information Systems, Inc.							
8260 Greensboro Drive, Suite 4	00			D (SEE ITEM 11)			
McLean, VA 22102	00		JUD. UNIL				
Welean, VA 22102				FICATION OF CO	NTRACT/OR	DER NO	
						berrito.	
		×		61-20650			
		^		ED (SEE ITEM 13)			
CODE FACI	LITY CODE		2/1/	96			
11. THIS IT	EM ONLY APPLIES TO A						
The above numbered solicitation is amended Offers must acknowledge receipt of this amendmer (a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes RECEIVED AT THE PLACE DESIGNATED FOR T YOUR OFFER. If by virtue of this amendment you telegram or letter makes reference to the solicitation 12. ACCOUNTING AND APPROPRIATION DATA (if regul	It prior to the hour and date specific copies of the amendment; (b) a reference to the solicitation and HE RECEIPT OF OFFERS PRIO desire to change an offer already n and this amendment, and is rece	ied in the solid By acknowled amendment i R TO THE HO submitted, su	citation or as an dging receipt of numbers. FAIL OUR AND DAT ch change may	nended, by one of t this amendment of URE OF YOUR AC E SPECIFIED MAN be made by telegr	n each copy of KNOWLEDG RESULT IN am or letter, p	the offer sul EMENT TO I REJECTION	bmitted; BE
13. THIS ITEM /	APPLIES ONLY TO MODI	FICATION	IS OF CON	RACTS/ORD	ERS,		
(x) A THIS CHANGE ORDER IS ISSUED PURSU	S THE CONTRACT/ORDE				-		
	an io. (specily autionity) the cha	NGES SET FO		NRE MADE IN THE C	UNIRACIURD	ER NU. IN ITE	IM TUA.
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	TEM 14, PURSUANT TO THE AU	THORITY OF			h as changes i	in paying offi	ce,
C. THIS SUPPLEMENTAL AGREEMENT IS EN X 52.243-2 Changes - Cost Rei			PR 1984)				
D. OTHER (Specify type of modification and aut	hority -	·····		- <u> </u>			
E. IMPORTANT: Contractor is not, 🕅 is	required to sign this docume	ent and retur	n 3 c	opies to the issu	ing office.		
14. DESCRIPTION OF AMENDMENT/MODIFICA						easible.)	
				-			-

(

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause for additional work added as a result of Modification No. 32 dated March 14, 1997. Accordingly, the following change is hereby made to the Contract Schedule:

~

.

(continued)							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)							
JOHN F. O'NEIL, SENIOR VICE PI							
158-CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED May 23, 1997	16B. UNITED STATES OF AMER BY USA HTC (Signature of Contraction	ung	18C. DATE SIGNED			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	FILE C	OPY	STANDARD FOF Prescribed by GSA FAR (48 CFR) 53.243	RM 30 (Rev. 10-83)			

A. Section B, B.2, is revised to increase cost by \$71,234 from \$9,089,654 to \$9,160,888 and the award fee available is increased by \$3,098 from \$497,934 to \$501,032. In addition, the award fee available for the second period is increased by \$3,098 from \$162,588 to \$165,686 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$9,160,888 exclusive of the award fee of \$501,032 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$9,661,920.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee			
February 1, 1996 - July 31, 1996	\$ 96,000			
August 1. 1996 - January 31, 1997	90,000			
February 1, 1997 - July 31, 1997	165,686"			

B. Funding in the amount of \$75,000 has already been allocated via Mod. No. 32. However, the cost and fee pools need to be adjusted by \$1,252 to reflect an under-allocation of cost and and overallocation of fee. No funds are being added via this Mod. No. 36; only an adjustment. Accordingly, Section B, B-3, Contract Funding, is revised as follows:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,411,243. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 22, 1997.

(b) An additional amount of \$272,432 is obligated under this contract for payment of fee."

C. A revised performance-based JDD including performance metrics for JDD HA004 is added to Exhibit G and is attached hereto.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 4 NAS1-20650 Modification No. 36

CONTRACT TABULATION

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 24	\$4,217,574	\$233,296	4,450,870	\$4,359,396
Mod. 25	3,517,800	204,100	3,721,900	2,120,000
Mod. 26	0	0	0	590,233
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	. 0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	Õ	0
Mod. 36	71,234	3,098	74,332	0
Total	\$9,160,888	\$501,032	\$9,661,920	\$7,683,675

Funding includes \$7,411,243 for cost \$272,432 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
AF001.00	\$31,500	\$ 1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	132,049	200,000	Mod. 28	10/15/96
HA003	344,907	17,616	362,523	364,382	Mod. 29	10/24/97
HA004	71,234	3,098	74,332	75,000	Mod. 32	7/11/97
Total	\$2,121,188	\$95,232	\$2,216,420	\$2,368,634		

Page 3 of 4 NAS1-20650 Modification No. 36

. .

Job Description Document for BAMIS Contract NAS1-20650

JDD # HA004

 $A_{\rm f}$

Title: Current State Processing Analysis System

LaRC Point Of Contact: Chris Tremper, IFMP Transition / Implementation Manager Mail Stop 179 Phone 864-8040

Scope: This JDD provides for the analysis, requirements definition, development, and implementation of the LaRC Current State Process Analysis system. Requirements include the ability to capture required data, store, in a RDBMS, and retrieve information with various queries. For Phase 1 utilize the Functional Requirements Document generated under Work Request HA-9711.

General Requirements:

Phase 1 - Initial collection, storing, and retrieving of information with minimal reporting.

Performance Requirement:

Phase 1

• Develop a web based application that will collect, store, and retrieve data contained in the LaRC Current State Process Analysis system.

• Conduct a weekly status reporting meeting on the status of this JDD to the LaRC IFMP Transition / Implementation Manager.

Metrics:

Phase 1

• Develop a detailed work schedule by May 26, 1997. This detailed work schedule will become the schedule metrics and milestones of this JDD effort.

• Conduct a weekly status meeting of JDD in which plans to actuals of the schedule are reviewed.

• Develop initial prototype of system with 50% functionality by June 27, 1997.

• Complete system development of Phase 1 version of system by July 11, 1997.

Page 4 of 4

								<u> </u>	B Approval #:	2700-00-0
							1. CONTRACT	D CODE	PAGE OF	
	DMENT OF SOLICITATIO	N/MODIFICATI	ON OF	CONTR	AC	T			1	6
2. AMENDA	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	1997	4. REQUIS	SITIÖ	NPURCHASE R		5. PROJEC	T NO. (If appli	cable)
	37	MAY 2 4	1221			GM.4028		CODE		
5. ISSUED	BY CODE				SIEF	RED BY (If other I	nan item oj	CODE	L	
Lang	ional Aeronautics and Space gley Research Center npton, VA 23681-0001	Administration				<i>s</i>				
8. NAME	AND ADDRESS OF CONTRACTOR (N	o., street, county, State	e, and Zip C	iode)	(X)	9A. AMEND	MENT OF SOLI	CITATION NO).	
826	I Information Systems, Inc. 0 Greensboro Drive, Suite 4	00				9B. DATED	(SEE ITEM 11)	<u> </u>		
McI	Lean, VA 22102									
						10A. MODIF	ICATION OF CO	ONTRACT/OF	IDER NO.	
					x	NAS1	-20650			
						10B. DATED) (SEE ITEM 13))		
CODE	FAC	ILITY CODE				2/1/96	5			
	44 THIS II	EM ONLY APPL	IES TO A		EN.					· · · · ·
(a) By corr (a) By corr or (c) By s RECEIVEI YOUR OF telegram o 12. ACCOU A 54	IT MODIFIE	nt prior to the hour and copies of the arme is a reference to the soli IFHE RECEIPT OF OFI desire to change an o in and this amendment arred) 0,000 (complete APPLIES ONLY S THE CONTRAC	I date specifi indment; (b) icitation and FERS PRIO iffer already t, and is rece) TO MODI CT/ORDE	ied in the so By acknowl amendmen R TO THE I submitted, s eived prior to IFICATIO ER NO. A	Nicita ledgin t nur HOU such o the	tion or as amen ng receipt of th nbers. FAILUF R AND DATE change may be opening hour a OF CONTE ESCRIBEE	nded, by one of (is amendment ou RE OF YOUR AC SPECIFIED MA's a made by telegr and date specifie RACTS/ORD IN ITEM 14	ERS,	f the offer su EMENT TO REJECTION rovided eac	BE NOF h
(x) A	A THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authori	ity) THE CHA	NGES SET F	ORTI	H IN ITEM 14 AR	E MADE IN THE C	ONTRACT OR	DER NO. IN IT	EM 10A.
<u> </u>										
a	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	TEM 14, PURSUANT	TO THE AU	ITHORITY (ADM OF F/	IINISTRATIVE AR 43.103(b).	CHANGES (suc	h as changes	in paying of	fice,
	C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUAN	TT TO AUTHO	ORITY OF:	/ ^ D	D 4094				
	52.243-2 Changes - Cost Re		198	7) AIT II (rt 1984)		<u></u>		
	D. OTHER (Specify type of modification and au	ithonty								
	DRTANT: Contractor is not, 🛛 i	e required to sign th	nis docume	ent and ret		3	pies to the issu	uing office		
L. INPO	CRIPTION OF AMENDMENT/MODIFICA	TION (Organized by II	ICF section	headings in	clud	ing solicitation/			feasible.)	

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause for additional work. Accordingly, the following change is hereby made to the Contract Schedule:

(continued)								
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 154. NAME AND TITLE OF SIGNER (Type or print) 154. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)								
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONT	RACTING OFFICER	(Type or print)				
JOHN F. O'NEIL, SR. VICE PRE								
15B CONTRACTOR/OFFEROR (Signature of person authorized to sign)	5C. DATE SIGNED May 23, 1997	BY	Harry	16C. DATE SIGNED				
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	jen a		STANDARD FO Prescribed by GSA FAR (48 CFR) 53.243	RM 30 (Rev. 10-83)				

A. Section B, B.2, is revised to increase cost by \$303,302 from \$9,160,888 to \$9,464,190 and the award fee available is increased by \$12,518 from \$501,032 to \$513,550. In addition, the award fee available for the second period is increased by \$12,518 from \$165,686 to \$178,204 and is revised as follows:

(

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$9,364,190 exclusive of the award fee of \$513,550 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$9,877,740.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 -
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	178,204"

B. Funding in the amount of \$250,000 is available for this effort which will be allocated as follows: funding for cost will be increased by \$237,482; fee will be fully funded and increased by \$12,518 for a total of \$250,000 in incremental funding for this effort. Accordingly, Section B, B-3, Contract Funding, is revised as follows:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,648,725. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 22, 1997.

(b) An additional amount of \$284,950 is obligated under this contract for payment of fee."

C. A performance-based JDD including performance metrics for JDD GM003 is added to Exhibit G and is attached hereto.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 6 NAS1-20650 Modification No. 37

CONTRACT TABULATION

i

	Estimated	Award Fee	CPAF	Funding
Through Mod. 26	<u>Cost</u> \$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	. 0
Mod. 37	303,302	12,518	315,820	250,000
Total	\$9,464,190	\$513,550	\$9,977,740	\$7,933,675

Funding includes \$7,648,725 for cost \$284,950 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	,72	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	5	41,356	Mod. 15	5/24/96
AF003.00	14,907	666		13,609	Mod. 15	4/15/96
HA001.00	14,022	838	14,860	14,860	Mod. 15	5/24/96
I001.00	10,460	420	10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	132,049	200,000	Mod. 28	10/15/96
HA003	344,907	17,616	362,523	364,382	Mod. 29	10/24/97
HA004	71,234	3,098	74,332	75,000	Mod. 32	7/11/97
GM003	303,302	12,518	315,820	250,000	n/a	· · · · · · · · · · · · · · · · · · ·
Total	\$2,424,490	\$107,750	\$2,348,081	\$2,618,634		

Page 3 of 6 NAS1-20650 Modification No. 37

Exhibit G

۰.

(

Assignment of Job Description Documents:

JDD#	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1 -96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	- 3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA	a) 4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
HB002.01	Management Information System for Lead Center	5-27-97
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Modu	ıle 12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-27-97

Job Description Document for BAMIS Contract (NAS1-20650)

JDD# GM003

Title: Center Information Management Architecture

NASA/LaRC Technical Monitor: Frederick L. Moore

Scope: The scope of the Center-wide MIS initiative is to establish in conjunction with the Agency's IFMP/EIS project an Information Management Architecture for the Center. The Information Management Architecture will be the map/structure for coordination, implementation, new development, and ongoing maintenance for a Center -wide information system. The initiative will consist of four parts:

- Implementation of the IFMP /EIS system which will initially include all financial, budget, procurement, T&A, and travel data.
- Integration of Non IFMP (which includes all other data) with IFMP systems into a Center-wide system.
- Development of data/information structure which defines a common data format, data/user dictionaries, user tools, and training.
- Development a cost effective and accurate process for Center-wide coordination of information management that is consistent with Langley's management processes/reports and Agency policy/systems.

The initiative will identify all existing and planned Center MIS systems for consistent data definitions, data formats, data repositories for feeding a Center data warehouse. The data warehouse will be the information repository for easy access by all decision makers. By establishing the Center's guidelines for data and information, the entire Center will have access to an efficient and effective information system.

1

1. Performance Requirements: In conjunction with the IFMP implementation Team plans, define an audit/interview plan for assessing the portfolio of existing and planned Center MIS systems.

Metric:

- With authority to proceed (ATP), submit a draft of a Center Audit/Interview Plan for determining the Center's portfolio of MIS systems within two weeks.
- After government review, finalize plan within one week.
- After government acceptance of plan, complete audit/interviews within two months.
- Document and submit draft of finding within <u>two weeks</u> of completion of interviews.

2. Performance Requirements: Support the Center Information Management Architecture Team in defining recommendation for a Center-wide process for management information. Following acceptance by the oversight committee, develop a project plan for implementing a Center-wide information management architecture. The metrics will be defined and documented after the ATP by the oversight committee.

Metric:

• Deliver a draft of the project plan for implementing the Center's information management architecture <u>one month</u> after ATP.

• Deliver the final version <u>two weeks</u> after the completion of the government's review of the draft plan.

• Submit proposal for completing plan within <u>two weeks</u> of government's acceptance of the project plan.

NCI Info Systems

و

0002

	NDMENT OF SOLICITATION		00117		-	1 CONTRACT	ID CODE	PAGE OF	
	NDMENT OF SULICITATION	3. EPPESTIVE DATE				SE RED NO	1.600.00	1	6
	38	JUN 1 5 1997		101317 K	GC.11		S PROJECT	NO (II aDDIC	90/ej
ISSU	ED BY CODE		7. ADA	AINISTE	RED BY (II d	ther than Item 6)	CODE	L	
La Ha	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001								
NAN	ME AND ADDRESS OF CONTRACTOR (No	o., street, county, State, and Zip (Code)	(x)	9A. AM	NOMENT OF SOL	ICITATION NO) .	
	CI Information Systems, Inc.					FD 1055 1511			
	260 Greensboro Drive, Suite 4 IcLean, VA 22102	00			98. UAI	ED (SEE ITEM 11))		
					10A MC	DIFICATION OF C	ONTRACT/OF	RDER NO.	
				×		S1-20650			
					10B. DA	TED (SEE ITEM 1.	3)		-
00-	EACL								
JUE]	1	/96	_		
	11. THIS IT 11. THIS IT he above numbered solicitation is smended	EM ONLY APPLIES TO as set forth in Item 14. The hour	and date s	pecifie	SOF SO		extended.] is not exte	Indec
(c) B ECEIN OUR ACC	11. THIS IT The above numbered soficitation is smended must acknowledge receipt of this amendmen completing items 3 and 15, and returning is separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR T OFFER. If by virtue of this amendment you m or letter makes reference to the solicitation COUNTING AND APPROPRIATION DATA (If require 5070 282-10-08-02 \$40,000 13. THIS ITEM A IT MODIFIES	EM ONLY APPLIES TO as set forth in Item 14. The hour at prior to the hour and date speci- copies of the amendment; (b) a reference to the solicitation an HE RECEIPT OF OFFERS PRIO desire to change an offer already in and this amendment, and is recover (Complete) APPLIES ONLY TO MOD S THE CONTRACT/ORD	and date s filed in the s) By acknow d amendme DR TO THE submitted eived prior	pecifier solicitat wledgin ant num HOUF Such (to the c ONS (AS D)	opening ho OF CON ESCRIB	DLICITATIONS of Offers is innended, by one of i this amendment o URE OF YOUR Ad E SPECIFIED MA' be made by telegi ur and date specifie TRACTS/ORD ED IN ITEM 14	extended. [the following m in each copy of CKNOWLEDGE Y RESULT IN F ram or letter, pr rd. [ERS,].	ethods: the offer sub EMENT TO B REJECTION (ovided each	mitteo E OF
ffers r) By c (c) B ECEIN OUR legrar ACC	11. THIS IT The above numbered solicitation is smended must acknowledge receipt of this amendmen completing items 3 and 15, and returning iy separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR T OFFER. If by virtue of this amendment you m or letter makes reference to the solicitation COUNTING AND AFPROPRIATION DATA (If reduced 5070 282-10-08-02 \$40,000 13. THIS ITEM A IT MODIFIES A THIS CHANGE ORDER IS ISSUED PURSU/	EM ONLY APPLIES TO as set forth in Item 14. The hour at prior to the hour and date speci- copies of the amendment; (b a reference to the solicitation an HE RECEIPT OF OFFERS PRIC desire to change an offer already in and this amendment, and is rec red? (Complete) APPLIES ONLY TO MOD S THE CONTRACT/ORD INT TO (Specify authony) THE CH	and date s fied in the s) By acknow d amendme DR TO THE submitted, eived prior	Pecifie solicitat wledgin ant num HOUF Such o to the o ONS O AS D FORTH	IS OF SC d for receip ison or as ar ing receipt of obers. FAIL R AND DAT change may opening how OF CON ESCRIB IN ITEM 14	DLICITATIONS of Offers is neinded, by one of i uns amendment o URE OF YOUR AG E SPECIFIED MA' be made by telegi or and date specifie TRACTS/ORD ED IN ITEM 14 ARE MADE IN THE C	extended, [the following m in each copy of CKNOWLEDGE Y RESULT IN F ram or letter, pr id. ERS,	ethods: the offer sub SMENT TO B REJECTION (ovided each	M 10A
ffers r b) By (c) B ECEIN OUR legran	11. THIS IT The above numbered solicitation is smended must acknowledge receipt of this amendment completing items 3 and 15, and returning y separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR T OFFER. If by infue of this amendment you m or letter makes reference to the solicitation SOUNTING AND AFPROPRIATION DATA (If require 5070 282-10-08-02 \$40,000 13. THIS ITEM A IT MODIFIES A THIS CHANGE ORDER IS ISSUED PURSU B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN 1	EM ONLY APPLIES TO as set forth in Item 14. The hour at prior to the hour and date speci- copies of the amendment; (b a reference to the solicitation an HE RECEIPT OF OFFERS PRIO desire to change an offer already in and this amendment, and is rec ready (Complete) APPLIES ONLY TO MOD S THE CONTRACT/ORD INT TO' (Specity authonity) THE CH T/ORDER IS MODIFIED TO REL TEM 14, PURSUANT TO THE A	and date s fied in the s) By acknow d amendme DR TO THE submitted, eived prior IFICATIN ER NO. A ANGES SET FLECT THE JTHORITY	Pecifie solicitat wledgin ant nurr HOUF Such o to the o ONS o AS D FORTH	OF CON OF CON ESCRIB	DLICITATIONS of Offers is needed, by one of a unit of the second ment of URE OF YOUR AG E SPECIFIED MAY be made by telega or and date specifie TRACTS/ORD ED IN ITEM 14 ARE MADE IN THE C	extended, [the following m in each copy of CKNOWLEDGE Y RESULT IN F ram or letter, pr id. ERS,	ethods: the offer sub SMENT TO B REJECTION (ovided each	M 10A
The second secon	11. THIS IT The above numbered solicitation is smended must acknowledge receipt of this amendment completing items 3 and 15, and returning y separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR T OFFER. If by infue of this amendment you m or letter makes reference to the solicitation COUNTING AND APPROPRIATION DATA (# reduct 5070 282-10-08-02 \$40,000 13. THIS ITEM A IT MODIFIES A THIS CHANGE ORDER IS ISSUED PURSUA B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN 17 C THIS SUPPLEMENTAL AGREEMENT IS EN	EM ONLY APPLIES TO as set forth in Item 14. The hour at prior to the hour and date speci- copies of the amendment; (b a reference to the solicitation an HE RECEIPT OF OFFERS PRIO desire to change an offer already in and this amendment, and is rec- recty (Complete) APPLIES ONLY TO MOD S THE CONTRACT/ORD INT TO: (Specify authonity) THE CH T/ORDER IS MODIFIED TO REL FEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTH	and date s fied in the s) By acknow d amendme DR TO THE submitted, eived prior IFICATIN ER NO. A ANGES SET FLECT THE JTHORITY ORITY OF	DNS FORTH OF FA	OF CON OF CON ESCRIB INISTRATIA R 43.103(0	DLICITATIONS of Offers is needed, by one of a unit of the second ment of URE OF YOUR AG E SPECIFIED MAY be made by telega or and date specifie TRACTS/ORD ED IN ITEM 14 ARE MADE IN THE C	extended, [the following m in each copy of CKNOWLEDGE Y RESULT IN F ram or letter, pr id. ERS,	ethods: the offer sub SMENT TO B REJECTION (ovided each	M 10A
ffers r) By c (c) B ECEIN OUR legrar ACC	11. THIS IT The above numbered solicitation is smended must acknowledge receipt of this amendment completing items 3 and 15, and returning y separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR T OFFER. If by infue of this amendment you m or letter makes reference to the solicitation SOUNTING AND AFPROPRIATION DATA (If require 5070 282-10-08-02 \$40,000 13. THIS ITEM A IT MODIFIES A THIS CHANGE ORDER IS ISSUED PURSU B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN 1	EM ONLY APPLIES TO as set forth in Item 14. The hour at prior to the hour and date speci- copies of the amendment; (b a reference to the solicitation an HE RECEIPT OF OFFERS PRIO desire to change an offer already in and this amendment, and is rec rec/ (Complete) APPLIES ONLY TO MOD S THE CONTRACT/ORD INT TO: (Specify authonity) THE CH T/ORDER IS MODIFIED TO REL TEM 14, PURSUANT TO THE AUTH THERED INTO PURSUANT TO AUTH mbursement (AUG 198	and date s fied in the s) By acknow d amendme DR TO THE submitted, eived prior IFICATIN ER NO. A ANGES SET FLECT THE JTHORITY ORITY OF	DNS FORTH OF FA	OF CON OF CON ESCRIB INISTRATIA R 43.103(0	DLICITATIONS of Offers is needed, by one of a unit of the second ment of URE OF YOUR AG E SPECIFIED MAY be made by telega or and date specifie TRACTS/ORD ED IN ITEM 14 ARE MADE IN THE C	extended, [the following m in each copy of CKNOWLEDGE Y RESULT IN F ram or letter, pr id. ERS,	ethods: the offer sub SMENT TO B REJECTION (ovided each	M 10A

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause for additional work. In addition, incremental funding is provided for the base effort. Accordingly, the following change is hereby made to the Contract Schedule:

	(con	itinued)			
Except as provided haven, at terms and conditions of the doc 15A. NAME AND TITLE OF SIGNER (Type or print)	umant referenced in Item 9A or 10/	A, 89 heretoforo changed, remains ur 16A. NAME AND TITLE OF			-
JOHN F. O'NEIL, SR. VICE P	RESIDENT & GM		SA M. HARVEY		
(Signature of person authonized to sign)	15C DATE SIGNED 6/12/97	BY (Signature of Contr	Hanning	18C. DATE SIGNED	- /g-
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105	STANDARD FO Prescribed by GSA FAR (48 CFR) 53 240)RM 30 (Rev 10-83) 3	- /
	FILE CO				

A. Section B, B.2, is revised to increase cost by \$21,853 from \$9,464,190 to \$9,486,043 and the award fee available is increased by \$1,046 from \$513,550 to \$514,596. In addition, the award fee available for the second period is increased by \$1,046 from \$178,204 to \$179,250 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$9,486,043 exclusive of the award fee of \$514,596 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$10,000,639.

B. The award fee available for each evaluation period is as follows:

Available Award Fee
\$ 96,000
90,000
179,250"

- B. Unrelated to the above change, Incremental Funding in the amount of \$40,000 is available for the base effort which will be allocated as follows: funding for cost will be increased by \$37,600; fee will be increased by \$2,400 for a total of \$40,000 in incremental funding for the base effort. Accordingly, Section B, B-3, Contract Funding, is revised as follows:
 - "B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,686,325. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 22, 1997.

(b) An additional amount of \$287,350 is obligated under this contract for payment of fee."

C. A performance-based JDD including performance metrics for JDD HB002.01 is added to Exhibit G and is attached hereto.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 6 NAS1-20650 Modification No. 38

CONTRACT TABULATION

1

	<u>Estimated</u> <u>Cost</u>	Award Fee	CPAF	Funding
Through Mod. 26	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820 .	250,000
Mod. 38	21,853	1,046	22,899	0
Total	\$9,486,043	\$514,596	\$10,000,639	\$7,933,675

Funding includes \$7,648,725 for cost \$284,950 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Completion Date
	0000					
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	\$40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
I001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	200,000	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	0	n/a	9/16/97
Total	\$2,446,343	\$108,796	\$2,555,139	\$2,618,634		

Page 3 of 6 NAS1-20650 Modification No. 38

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

Ì

Assignment of Job Description Documents:

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
I001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
HB002.01	Management Information System for Lead Center	6-16-97
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97

Page 4 of 6 NAS1-20650 Modification No. 38

JDD # HB002.01, TITLE: MANAGEMENT INFORMATION SYSTEM FOR LEAD CENTER BUDGETING

LaRC Point of Contact:	Delores K. Poupard, PRD, CFO
	Mail Stop 104, Phone 864-6098

Date Prepared by Requester: April 28, 1997

Scope: To provide additional requirements and changes to existing system as stated below.

Specific Requirements:

1. Requirement:

• System should allow program titles at 7-digit level to be changed using the "update data" screen. Currently, this field is not updatable by this screen.

• Program titles at 3- and 5-digit levels should be put into a table that is accessible by those with Level 1 access authority. This table is to be listed as an option within the "Admin" button. This table should be the data source for graphs, reports and etc. that display 3 and 5 digit level titles.

2. Requirement:

• NCI is to investigate allowing access to the Langley Lead Center MIS via the World Wide Web versus each user being required to have a 4D Client icon on their desktop. This will allow for easier access from the other centers and PC users.

NCI is to provide to PRD written documentation containing the following:

- Pros and cons of this approach
- Security concerns and possible solutions
- Cost of any additional software required
- Cost of programming effort and implementation

After review of the documentation provided by NCI, PRD will decide if access via the Web is desired.

3. Requirement

• Automatically bring 7-digit level plan data for all Centers into the WBS portion for the AST (UPN 538, Category 2) records. The plans for HSR (UPN 537, Category 1) records are currently keyed in separately and should remain this way.

4. Requirement:

• Correct problem on "update data" screen where the Commitment, Obligation, Cost and Disbursement "Actuals" need to be rounded properly by Sybase before being displayed.

5. Requirement

• Under "Update Data" option change following messages which user receives when "Adding" a new record to data base.

Page 5 of 6 NAS1-20650 Modification No. 38 First Message states "Create UPN in FSYR:" Change word "UPN" to "7-Digit Program Number"

1

Second Message states

"Enter Desired UPN." Change word "UPN" to "7-Digit Program Number"

Third Message states "Enter UPN Title." Omit word "UPN"

6. Requirement:

• Make necessary changes to Sybase code to optimize performance. Since the system became operational in December 1996, NCI personnel have determined coding changes that would improve system performance and provide additional flexibility.

7. Requirement:

• Add 2 additional reports under the Reports Option. (See attached sample layout)

• Report 1 – On the list of reports entitle this report "12-Month Phasing by Center/Program". Allow for the selection of Category, Center (All if Desired), and Year. This report would display 7-Digit level detail summed to 5-Digit, 3-Digit, Center and Grand Total levels. Will display 7-Digit Program Number, Title, Center, Guideline, 12 Month Commitment/Obligation/Cost Plans, and 12 Months of Commitment/Obligation/Cost Percentages of Plan vs Guideline. If more than one center is selected report would be sorted by Center and 7-Digit Program within Center. There would be a total and page break at break of each Center. Will need to be able to select any year including outyears.

• Report 2 -- On the list of reports entitle this report "12-Month Phasing by Program/Center". Allow for the selection of Category, Center (All if Desired), and Year. This report would display 7-Digit level detail summed to 5-Digit, 3-Digit and Grand Total levels. Will display 7-Digit Program Number, Title, Center, Guideline, 12 Month Commitment/Obligation/Cost Plans, and 12 Months of Commitment/Obligation/Cost Percentages of Plan vs Guideline. The report is to be

sorted by 7-Digit level program number only. Will need to be able to select any year including outyears.

8. Requirement:

• Modify existing Natural programs that extract guidelines/plans/actuals data from Planning file to include records for Current PY + 1. The same logic within these programs that pull data for current PY should be used for PY + 1.

Milestones:

• NCI will provide PRD a biweekly status indicating items that have been completed to date and those items still remaining to be worked along with an anticipated completion date.

• The above requirements will be completed by July 31, 1997 or 12 weeks after receipt of the JDD from LaRC Contracting Officer.

Page 6 of 6 NAS1-20650 Modification No. 38

Ø 002

- 10/1	NOMENT OF SOLIOITATIO	1. CONTRACT	1. CONTRACT ID CODE		PAGE OF PAGE			
	NDMENT OF SOLICITATIO						1 3	
	39	JUL 0 3 1997	4. REQUISITION/PURCHASE RE		Υ.	5 PROJEC	NO. (If app	icable)
ISSUED BY CODE			7. ADMINISTE	7. ADMINISTERED BY (If other than item 6) CODE				
L	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	e Administration						
NA	ME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip Co	ode) (x)	9A. AM	ENDMENT OF SOL	ICITATION NO) .	
x	CI Information Systems, Inc.							
	-	}	00.043	TED (SEE ITEM 11)				
	260 Greensboro Drive, Suite 4		30. UA	IEU (SEE TEM TI)				
1	1cLean, VA 22102							
				10A. MC	DIFICATION OF C	ONTRACT/OF	DER NO.	
			X		S1-20650			
				10B. DATED (SEE ITEM 13)				
DE	FAC		214	/96				
] 1	he above numbered solicitation is amended	EM ONLY APPLIES TO A as set forth in Item 14. The hour a	and date specifie	S OF SO	OLICITATIONS	extended.] is not e	tende
ers By (c) 6 CE UR egra	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning by separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you m or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (# requ	as set forth in Item 14. The hour and nt prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is receipt	and data specifie ad in the solicital By acknowledgir amendment nun R TO THE HOUP submitted, such o	S OF S(d for receiption or as an g receipt of bers, FAIL AND DAT change may	DLICITATIONS tof Offers is is mended, by one of th this amendment on .URE OF YOUR AC TE SPECIFIED MAY y be made by telegris	extended, he following m each copy of KNOWLEDGE RESULT IN F am of letter, on	the offer su MENT TO	brnitte BE
ers By (c) (c) CE UR egra	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning y separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you m or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (If requ /A	as set forth in Item 14. The hour and nt prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is receivered)	and date specifie ed in the solicital By acknowledgir amendment num R TO THE HOUF submitted, such i uved prior to the	S OF S(d for receip ion or as all g receipt o bers, FAIL & AND DAT change may optening ho	DLICITATIONS at of Offers is is mended, by one of the f this amendment on URE OF YOUR AC TE SPECIFIED MAY be made by telegrater un and date specified	extended, he following m each copy of KNOWLEDGE RESULT IN F am or letter, pr d.	the offer su MENT TO	brnitte BE
ers By (c) (c) ECE DUR egra	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning ty separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you m or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (# requ /A	as set forth in Item 14. The hour and nt prior to the hour and date specific copies of the amendment; (b) a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is rece ared)	and date specifie ed in the solicitat By acknowledgir amendment nun R TO THE HOUF submitted, such a ived prior to the FICATIONS	S OF S(d for receip ion or as ai g receipt o ibers. FAIL AND DAT change may opening hor	DLICITATIONS at of Offers is is mended, by one of the f this amendment on URE OF YOUR AC TE SPECIFIED MAY be made by telegra- ur and date specified TRACTS/ORDI	extended, he following m each copy of KNOWLEDGE RESULT IN F am or letter, pr d. ERS,	the offer su MENT TO	brnitte BE
ers By (c) (ECE DUR egra	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning ty separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you m or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (# requ /A	As set forth in Item 14. The hour and nt prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is recei- ared) APPLIES ONLY TO MODII S THE CONTRACT/ORDE	and date specifie ed in the solicital By acknowledgir amendment nun R TO THE HOUF submitted, such i vived prior to the FICATIONS R NO, AS D	S OF S(d for receipt g receipt o bers. FAIL AND DAT change may opening hor OF CON ESCRIB	DLICITATIONS at of Offers is is mended, by one of the f this amendment on URE OF YOUR AC TE SPECIFIED MAY be made by telegra- ur and date specified TRACTS/ORDI ED IN ITEM 14.	extended, ne following m a each copy of KNOWLEDGE RESULT IN F arm or letter, pr d. ERS,	ethods: the offer su MENT TO REJECTION povided eac	BE NOF
ers By (c) (CE UR egra AC	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning ty separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you m or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (If requ /A 13. THIS ITEM /	As set forth in Item 14. The hour and int prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is recei- arred) APPLIES ONLY TO MODII S THE CONTRACT/ORDE ANT TO: (Specify authority) THE CHAI CT/ORDER IS MODIFIED TO REFL	and date specifie ad in the solicital By acknowledgir amendment nun R TO THE HOUP submitted, such ived prior to the FICATIONS R NO. AS D NGES SET FORTH	S OF SC d for receipt ion or as ai bers. FAIL AND DAT thange may opening ho OF CON ESCRIB IN ITEM 14	DLICITATIONS at of Offers is is mended, by one of the fithis amendment on URE OF YOUR AC TE SPECIFIED MAY be made by telegrating the made by telegrating transformed by telegrating transform	extended, (he following managed to be a copy of KNOWLEDGE RESULT IN F arm or letter, pro- the second seco	ethods: the offer su MENT TO EJECTION Divided eac	EM 10
ers By (c) (c) CE DUR agraa AC N	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning y separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you m or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (If requ /A 13. THIS ITEM / IT MODIFIE A THIS CHANGE ORDER IS ISSUED PURSU B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	As set forth in Item 14. The hour and the prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is recei- ared) APPLIES ONLY TO MODII S THE CONTRACT/ORDE ANT TO: (Specify authority) THE CHAI CT/ORDER IS MODIFIED TO REFL TEM 14. PURSUANT TO THE AUTHOR	And date specifie and date specifie an endment num R TO THE HOUF submitted, such a ived prior to the ived prior to the i	S OF SC d for receipt ion or as air preceipt of bers. FAIL AND DAT thange may opening hor OF CON ESCRIB IN ITEM 14 NISTRATIN R 43.103(b	DLICITATIONS at of Offers is is mended, by one of this unended, by one of this unended, by one of this unended, by one of this unended, by one of this SPECIFIED MAY be made by telegratering the made by telegratering telegrat	extended, (he following managed to be a copy of KNOWLEDGE RESULT IN F arm or letter, pro- the second seco	ethods: the offer su MENT TO EJECTION Divided eac	EM 10/
(c) (C) ECE DUR egra	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning by separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (// requ /A 13. THIS ITEM / IT MODIFIE A THIS CHANGE ORDER IS ISSUED PURSU B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN 1	As set forth in Item 14. The hour and int prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already s in and this amendment, and is recei- ared) APPLIES ONLY TO MODII S THE CONTRACT/ORDE ANT TO: (Specify authority) THE CHAI CT/ORDER IS MODIFIED TO REFL TEM 14. PURSUANT TO THE AUT ITERED INTO PURSUANT TO AUTHOR imbursement (AUG 1987	And date specifie and date specifie an endment num R TO THE HOUF submitted, such a ived prior to the ived prior to the i	S OF SC d for receipt ion or as air preceipt of bers. FAIL AND DAT thange may opening hor OF CON ESCRIB IN ITEM 14 NISTRATIN R 43.103(b	DLICITATIONS at of Offers is is mended, by one of this unended, by one of this unended, by one of this unended, by one of this unended, by one of this SPECIFIED MAY be made by telegratering the made by telegratering telegrat	extended, (he following managed to be a copy of KNOWLEDGE RESULT IN F arm or letter, pro- the second seco	ethods: the offer su MENT TO EJECTION Divided eac	EM 10/
Iers By (c) (CE UUR AC N	he above numbered solicitation is amended must acknowledge receipt of this amendme completing Items 8 and 15, and returning by separate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (// requ /A 13. THIS ITEM / IT MODIFIE A THIS CHANGE ORDER IS ISSUED PURSU B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IN C THIS SUPPLEMENTAL AGREEMENT IS EF 52.243-2 Changes - Cost Re	As set forth in Item 14. The hour and prior to the hour and date specific copies of the amendment; (b) is a reference to the solicitation and THE RECEIPT OF OFFERS PRIOF desire to change an offer already sin and this amendment, and is received) APPLIES ONLY TO MODII S THE CONTRACT/ORDE ANT TO: (Specify authority) THE CHAI CT/ORDER IS MODIFIED TO REFLICEMENT 14. PURSUANT TO THE AUTHOR THERED INTO PURSUANT TO AUTHOR imbursement (AUG 1987) thonly	and date specifie ed in the solicital By acknowledgir amendment num R TO THE HOUF submitted, such of ived prior to the FICATIONS R NO. AS D NGES SET FORTH LECT THE ADMI THORITY OF FA RITY OF 7) Alt II (API	S OF SC d for receip ion or as all g receipt o ibers. FAIL AND DAT thange may opening hor OF CON ESCRIB IN ITEM 14 NISTRATIN R 43. 103(b R 1984)	DLICITATIONS to of Offers is immended, by one of the full amendment on the LURE OF YOUR AC TE SPECIFIED MAY y be made by telegra ur and date specified TRACTS/ORDI ED IN ITEM 14. ARE MADE IN THE CO VE CHANGES (such)).	extended, [ethods: the offer su MENT TO EJECTION ovided eac	EM 10/

pursuant to the Changes clause. Job Description Documents AF010 and AF011, which were issued as Change Orders via Mod. No. 30, are hereby cancelled. This Mod. No. 39 definitizes all actual costs incurred to date. Accordingly, the following change is hereby made to the Contract Schedule:

	(cor	itinued)									
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretolore changed, remains unchanged and in full force and effect											
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)									
CHARLES K. NARANG, P	RESIDENT	LISA M. HARVEY									
(Signature of person authorized to sign	15C. DATE SIGNED July 2, 1997	BY (Signature of Contracting Officer)	16C. DATE SIGNED								
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	D-105 STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243									

FILE COPY

A. Section B, B.2, is revised to increase cost by \$3,938 from \$9,486,043 to \$9,489,981 and the award fee available is increased by \$237 from \$514,596 to \$514,833. As a result, the award fee available for the second period is also increased by \$237 from \$179,250 to \$179,487 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$9,489,981, exclusive of the award fee of \$514,833 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$10,004,814.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	179,487"

B. All other terms and conditions remain unchanged.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

CONTRACT TABULATION

	<u>Estimated</u> <u>Cost</u>	Award Fee	<u>CPAF</u>	Funding
Through Mod. 26	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Total	\$9,489,981	\$514,833	\$10,004,814	\$7,973,675

Funding includes \$7,686,325 for cost \$287,350 for fee.

Page 2 of 3 NAS1-20650 Modification No. 39

JDD	Estimated	Award		T	Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
T uniber	0031					
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	\$40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	200,000	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	0	n/a	9/16/97
AF010	1,295	78	\$1,373	0	Mod. 39	6/30/97
AF011	2,643	159	\$2,802	0	Mod. 39	6/30/97
Total	\$2,450,281	\$109.033	\$2,559,314	\$2,618,634		

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

			19					ОМ	B Approval #:	2700-0042
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRAC							1. CONTRACT		PAGE OF	
	IDMENT/MODIFICATION NO.		FECTIVE DATE	4. REQ	UISITIO	N/PURCHASE F		5. PROJEC	T NO. (If appli	
6 1550	40					4004, GM		CODE	T	<u>,</u>
Na La	ational Aeronautics and S angley Research Center ampton, VA 23681-0001		ministration							
8. NAN	E AND ADDRESS OF CONTRACTO	OR (No., stre	et, county, State, and Zip Co	l de)	(X)	9A. AMEND	MENT OF SOL	ICITATION N	0.	
82	CI Information Systems, I 260 Greensboro Drive, Sui					9B. DATED	(SEE ITEM 11)			
Μ	IcLean, VA 22102					10A. MODI		ONTRACT/O	RDER NO.	
					x	NAS	1-20650			
						-	D (SEE ITEM 1:	3)		
CODE		FACILITY				2/1/9				
	11. TH	IS ITEM O	ONLY APPLIES TO A	MEND	MENT	S OF SOL	ICITATION	S		
(a) By (or (c) B RECEI YOUR telegra 12. ACC		hingc haludes a ref FOR THE R hit you desiri ligitation and (// required) 82300214 82300214 EM APPL DIFIES TH	cpies of the amendment; (b) erence to the solicitation and ECEIPT OF OFFERS PRIOF to change an offer already is this amendment, and is reco 400; \$220,000 (cc 400; \$200,000(cc LIES ONLY TO MODI E CONTRACT/ORDE	By ackno t amendm TO THE submitted pived prio omplete FICATI R NO.	wledgin ent nui HOUF such (r to the r to the cc), cc), ONS AS D	ng receipt of th mbers. FAILU AND DATE S change may b opening hour OF CONTS ESCRIBEI	nis amendment (IRE OF YOUR / SPECIFIED MA' e made by teleg and date specif RACTS/ORI D IN ITEM 1	on each copy ACKNOWLED Y RESULT IN Iram or letter, lied.	of the offer s IGEMENT TO REJECTION provided eac	submitted; O BE N OF th
X	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	TH IN ITEM	14, PURSUANT TO THE AU	THORIT	E ADMI Y OF F	NISTRATIVE AR 43.103(b).	CHANGES (suc	ch as changes	in paying ol	lfice,
	C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERE		RITY OF:						
	D. OTHER (Specify type of modification	n and authority	/							
	PORTANT: Contractor X is no	it, is r	equired to sign this docurr	nent and	return	copi	es to the issui	ng office.	<u> </u>	
 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to provide incremental funding in the amount of \$420,000. Accordingly, the following changes are hereby made to the Contract Schedule: 										
Except	as provided herein, all terms and condition	s of the docur	•	tinued) A, as hereto		anged, remains (unchanged and in	full force and ef	fect.	
	NAME AND TITLE OF SIGNER (Typ			16A. N	AME A	ND TITLE OF	CONTRACTIN	G OFFICER (Type or prin	t)
							MARY C. I			
158.	CONTRACTOR/OFFEROR		15C. DATE SIGNED	168. U BY	r <u>c</u> s	STATES OF	+C=F,ion		16C. DATES	SIGNED
	(Signature of person authorized to s	sign)	30	105	(Sig	nature of Con	racting Officer)	IDARD FOR	M 30 (Ber	10-831
	540-01-152-8070 IOUS EDITION UNUSABLE		-راق					DARD FUR)

(Signature of Confracting Officer) STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

;

FILE COPY

- A. Incremental Funding in the amount of \$420,000 is provided as follows: funding for cost will be increased by \$394,800; funding for fee will be increased by \$25,200. Accordingly, Section B, B-3, Contract Funding, is revised as follows:
 - "B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)
 - (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,081,125. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 22, 1997.
 - (b) An additional amount of \$312,550 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 26	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	. 0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0_	420,000
Total	\$9,489,981	\$514,833	\$10,004,814	\$8,393,675

CONTRACT TABULATION

Funding includes \$8,081,125 for cost and \$312,550 for fee.

Page 2 of 2 NAS1-20650 Modification No. 40

1

	, <i></i>			<u> </u>			1_CONTRACT		Approval #: 2700-0042 PAGE OF PAGES
2. AMENDMENT OF SOLICITA		DIFICA				N/PURCHASE F			NO. (If applicable)
2. AMENDMENT/MODIFICATION NO. 41	Å	ŬG O 4	1997						
6. ISSUED BY				7. ADMIN	IISTE	RED BY (If other	than Item 6)	CODE	L
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001		inistratio	n						
8. NAME AND ADDRESS OF CONTRACT	OR (No., street	t, county, Sta	ate, and Zip Co	ode)	(x)	9A. AMEND	MENT OF SO	LICITATION NO	D.
NCI Information Systems, 8260 Greensboro Drive, So McLean, VA 22102							(SEE ITEM 11		
						10A. MODII	FICATION OF (CONTRACT/OF	RDER NO.
					x		-20650		
						10B. DATE	D (SEE ITEM 1	(3)	
CODE	FACILITY CO					2/1/9		•	
The above numbered solicitation is an	HIS ITEM O							<u>s</u>	is not extended.
Offers must acknowledge receipt of this arr (a) By completing Items 8 and 15, and retur or (c) By separate letter or telegram which in RECEIVED AT THE PLACE DESIGNATED YOUR OFFER. If by virtue of this amendm telegram or letter makes reference to the so 12. ACCOUNTING AND APPROPRIATION DAT. AF.5450; M3159; 992-3	ning <u>cop</u> ncludes a refere o FOR THE REP ent you desire to blicitation and the A (<i>If required</i>) 60-06-01;	vies of the ar ence to the s CEIPT OF C to change ar vis amendme \$43,783	nendment; (b) solicitation and DFFERS PRIO n offer already ent, and is rece (COMPlete	By acknowle amendment R TO THE H submitted, s eived prior to c),	edgin t num tOUR such c the c	g receipt of thi bers. FAILUR AND DATE S change may be opening hour a	s amendment of E OF YOUR A PECIFIED MA made by teleg nd date specifi	on each copy of CKNOWLEDG Y RESULT IN I gram or letter, p ed.	the offer submitted; EMENT TO BE REJECTION OF
GML.1152; A5162, \$2,263	5; A5163, S	\$93,410;	M2022, \$	64,325	TC	TAL \$10	0,000(com	plete)	
	TEM APPLI								<u></u>
(x) A. THIS CHANGE ORDER IS ISSUED	DIFIES THE	Specify aut	ACT/ORDE	ER NO. A	S D	ESCRIBED	MADE IN THE	4. CONTRACT ORD	ER NO. IN ITEM 10A.
					•				
B. THE ABOVE NUMBERED CC appropriation date, etc.) SET FOR	TH IN ITEM 14	, PURSUAN	IT TO THE AU	JTHORITY C	of fa	R 43.103(b).			in paying office,
X 52.243-2 Changes		Reimbu	ITSEMENT	CRITY OF	198	37) Alt	II (APR	1984)	
D. OTHER (Specify type of modification	n and authority								
E. IMPORTANT: Contractor is	not, 🕅 is re	quired to s	ign this docu	ument and	retur	rn <u>3</u> co	pies to the is	suing office.	
14. DESCRIPTION OF AMENDMENT/MC	DIFICATION (C	Organized by	UCF section	headings, in	cludii	ng solicitation/	contract subjec	t matter where	easible.)
The purpose of this modified equitable adjustment pursu effort. Accordingly, the fo	ant to the	Changes	clause. Ir	n addition	n, ir	ncrementa	l funding i		
			(con	tinued)					

``

Except as provided herein, all terms and conditions of the dooun	nent referenced in Item 9A or 10.	A, as heretofore changed, remains unchanged and in full force an	d effect.			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICE	R (Type or print)			
DAVID C. CHISHOLM, SF	R. VP & GM					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED			
	August 4, 1997	BY Usa / Harney	🔏 . AUG 0 4 1997			
(Signature of person authorized to sign)		(Signature of Contracting Officer)	1			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	105 STANDAR				

523,590 Jul

A. Section B, B.2, is revised to increase cost by \$199,302 from \$9,4\$9,981 to \$9,6\$9,2\$3 and the award fee available is increased by \$8,757 from \$514,833 to \$523,290. In addition, the award fee available for the second period is increased by \$8,757 from \$179,250 to \$188,007 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

Ĵ

A. The estimated cost of this contract is \$9,689,283 exclusive of the award fee of \$523,590 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$10,212,873.

B. The award fee available for each evaluation period is as follows:

 Period
 Available Award Fee

 February 1, 1996 - July 31, 1996
 \$ 96,000

 August 1. 1996 - January 31, 1997
 90,000

 February 1, 1997 - July 31, 1997
 188,007"

 Isso 2, 2, 4, 4
 155

B. Incremental Funding in the amount of \$143,783 is provided as follows: funding for cost will be increased by \$135,156; funding for fee will be increased by \$8,627. Accordingly, Section B, B-3, Contract Funding, is revised as follows:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,216.281. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 22, 1997.
- (b) An additional amount of \$321,177 is obligated under this contract for payment of fee."

C. A performance-based JDD including performance metrics for JDD AF012 is added to Exhibit G and is attached hereto.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 7 NAS1-20650 Modification No. 41

CONTRACT TABULATION

1

Ć

	Estimated	Award Fee	<u>CPAF</u>	Funding
	<u>Cost</u>			
Through Mod. 26	\$7,735,374	\$437,396	\$8,172,770	\$7,069 ,629
Mod. 27	0	0	0	0
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	. 0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Total	\$9.689,283	\$523,590	\$10,212,873	\$8,537,458

Funding includes \$8,216,281 for cost and \$321,177 for fee.

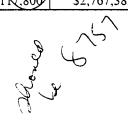
. ... **.**

Page 3 of 7 NAS1-20650 Modification No. 41

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

, }

JDD	Estimated	Award		1	Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	\$40,096	41,356	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,609	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
I001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	88,762	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	181,812	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	59,018	Mod. 28	10/07/96
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	500,000	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	200,000	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	0	n/a	9/16/97
AF010	1,295	78	\$1,373	0	Mod. 39	6/30/97
AF011	2,643	/159	\$2,802	0	Mod. 39	6/30/97
AF012	199,302	(8,767	208,059	180,000	Mod. 41	10/28/97
Total	\$2,649,583	\$1 7.800	\$2,767,383	\$2,798,634		



Page 4 of 7 NAS1-20650 Modification No. 41

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

Ì

Assignment of Job Description Documents:

<u>JDD #</u> AF001 AF001.01	Description OSEMA Management Information System OSEMA Management Information System	Effective Date 2-06-96 6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
HB002.01	Management Information System for Lead Center	6-16-97
AF012	Personnel Database Module	7-31-97

Page 5 of 7 NAS1-20650 Modification No. 41

Job Description Document for BAMIS Contract NAS1-20650

JDD AF012

Title: Development of a Personnel Database Module

LaRC Point of Contract: Charles E. Cockrell, Chief Engineer, OSEMA Mail Stop 421, Phone 757-864-3361

Scope

Provide necessary programming support to develop a Personnel Database module with a 4D front-end accessing a Sybase database running on a UNIX based workstation.

General Requirements

The application will use **4th** Dimension as a front end interface with the database maintained in SYBASE running on OSEMA's SUN UNIX Server. The Personnel Database shall be accessible from the appropriate computers (Macintosh, PCs running MS Windows 95) used by OSEMA personnel, and shall provide the standardized OSEMA user interface including four levels of access control. Response time will be a critical performance measure and must guide the database development. Access to Personnel Database module shall be available to all OSEMA users across LaRC's network links. Protection of the data is vital and requires appropriate backup capability to be included. All OSEMA personnel, as well as selected others, shall be capable of read only access. However, the capability to enter and modify data will be restricted.

Specific Requirements

1. Develop the Personnel Database under Sybase on the SUN workstation according to requirements identified in the Personnel Database Requirements Document (see attachment 1). The Personnel Database Requirements Document is a compilation of requirements identified in meetings with the OSEMA users conducted under JDD AF-005

2.Demonstrate error-free functionality of the Personnel Database module upon delivery. 3.Provide training for users of the Personnel Database module.

Page 6 of 7 NAS1-20650 Modification No. 41

Metrics

- 1. Full LaRC network access and functionality of the Personnel Database module from remote desktop (PC with Windows 95 and Macintosh)
- Conformance to the requirements listed in the Personnel Database Requirements Document.
 Completion of all work within the agreed upon schedule and cost
 The system will be delivered error-free and successfully demonstrated.
 Error free interface with all other OSEMA Applications.

Milestones

1.	Provide Monthly Status Reports	Monthly
2.	Completion of application programming	09/22/97
3.	Creation of test data for training	09/29/97
4.	Training	10/06/97
5.	System Acceptance Testing	10/20/97
6.	Creation of production database	10/27/97
7.	System available for production	10/28/97

Page 7 of 7 NAS1-20650 Modification No. 41

				OMB Approval #: 2700-0042				
AMENDMENT OF SOLICITATIO		CONTRACT	1. CONTRAC	TID CODE PAGE OF PAGES				
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHAS		5. PROJECT NO. (If applicable)				
42 6. ISSUED BY CODE	SEP 0 2 1997	GML.1		CODE				
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration							
8. NAME AND ADDRESS OF CONTRACTOR (No	o., street, county, State, and Zip C	ode) (x) 9A. AME	NDMENT OF SO	LICITATION NO.				
NCI Information Systems, Inc.	<u></u>		ED (SEE ITEM 1	11				
8260 Greensboro Drive, Suite 4	00	30. 041		')				
McLean, VA 22102		10A. MO	DIFICATION OF	CONTRACT/ORDER NO.				
		X NA	NAS1-20650					
		10B. DA	TED (SEE ITEM	13)				
		2/1						
11. THIS IT	EM ONLY APPLIES TO	AMENDMENTS OF SC		S				
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment, you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (<i>It required</i>) GML.1158 M1792 992-16-04-06, \$1,000; M1793, 992-16-05-01; \$24,000								
TOTAL \$25,000 (complete)	APPLIES ONLY TO MOD		TRACTSIOR					
	S THE CONTRACT/ORD	ER NO. AS DESCRIBI	ED IN ITEM 1	4.				
(x) A. THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) THE CH.	ANGES SET FORTH IN ITEM 14	ARE MADE IN THE	CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	TEM 14, PURSUANT TO THE AU	JTHORITY OF FAR 43.103(b	E CHANGES (SL).	uch as changes in paying office,				
C. THIS SUPPLEMENTAL AGREEMENT IS EN X 52.243-2, Changes - Cost Re	eimbursement (AUG 19	DRITY OF: 87) Alternate II (APR	1984)					
D. OTHER (Specify type of modification and au			· · · · · · · · · · · · · · · · · · ·					
E. IMPORTANT: Contractor is not,		cument and return 3	copies to the					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause as a result of the specification being changed. In addition, incremental funding is provided for the base effort. Accordingly, the following change is hereby made to the Contract Schedule:								
Except as provided herein, all terms and conditions of the	•	ntinued) A. as heretofore changed, remain	s unchanged and in	full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or prin				IG OFFICER (Type or print)				
CHARLES K. NARANG, PR	ESIDENT	^	LISA M. H	ARVEY				
15B. CONTRACTOR DEPEROB	15C. DATE SIGNED 8/14/97	16B. UNITED STATES O BY	F AMERICA	16C. DATE SIGNED				
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		-105	STAN	NDARD FORM 30 (Rev. 10-83) bed by GSA 8 CER) 53 243				

FILE COPY

A. Section B, B.2, is revised to increase cost by \$13,560 from \$9,689,283 to \$9,702,843 and the award fee available is increased by \$590 from \$523,590 to \$524,180. In addition, the award fee available for the third period is increased by \$590 from \$102,050 to \$102,640 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$9,702,843 exclusive of the award fee of \$524,180 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$10,227,023.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	188,244"
August 1, 1997 - January 31, 1998	102,640"

B. Unrelated to this change, Incremental Funding in the amount of \$25,000 for the base effort is provided as follows: funding for cost will be increased by \$23,500; funding for fee will be increased by \$1,500. Accordingly, Section B, B-3, Contract Funding, is revised as follows:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,239,781. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through September 5, 1997.
- (b) An additional amount of \$322,677 is obligated under this contract for payment of fee."

C. A performance-based JDD including performance metrics for JDD HB002.02 is added to Exhibit G and is attached hereto.

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 6 NAS1-20650 Modification No. 42

CONTRACT TABULATION

1

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$ 437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Total	\$9,702,843	\$524,180	\$10,227,023	\$8,562,458

Funding includes \$8,239,781 for cost and \$322,677 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3.693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38.524	1.572	\$40,096	41,367	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93.058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61.189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	10/07/96
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37.835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	22,899	n/a	9/16/97
AF010	1,295	78	\$1,373	1,373	Mod. 39	6/30/97
AF011	2,643	159	\$2,802	2,802	Mod. 39	6/30/97
AF012	199,302	8,757	208,059	180,000	Mod. 41	10/28/97
HB002.02	13,560	590	14,150	45,052	n/a	9/30/97
AF006	NOTE:			62,746	Mod. 26	
AF009	TO	1		182,681	Mod. 26	····
GMG001.02	BE			676,018	Mod. 26	
GMG002	DEFINITIZED			275,000	Mod. 26	
Total	\$2,663,143	\$118,380	\$2,781,523	\$3,899,400		

Page 3 of 6 NAS1-20650 Modification No. 42

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

Assignment of Job Description Documents:

-

.

- -

,

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
HB002.01	Management Information System for Lead Center	6-16-97
AF012	Personnel Database Module	7-31-97
HB002.02	Management Information System for Lead Center	8-13-97

Page 4 of 6 NAS1-20650 Modification No. 42

Additional Requirements For Job Description Document for BAMIS Contract (NAS1-20650)

JDD #	HB002.02	Title:	Management	Information	System f	or Lead	Center Budgeting

LaRC Point of Contact:Delores K. Poupard, PRD, CFO, Mail Stop 104Phone 864-6098

Date Prepared by Requester: June 20, 1997

Scope: To provide additional requirements and changes to existing system as stated below.

Specific Requirements:

1. Requirement:

- Table needs to be set up in order to be able to categorize 7-digit level records for UPN 538 (Category 2) into two different groups. These groups are Advanced Subsonic Technology (AST) and Aviation Systems Capacity (ASC). See enclosed listing.
- This table is to be listed as an option within the "Admin" button. This table should be the data source for graphs, reports and etc. that will display Category 2 records by these different groupings.

2. Requirement:

Add additional screen after AST button from main screen. This additional screen should display three buttons with the following titles: AST & ASC, AST, and ASC

From this additional screen the user should then reach what is now Screen 2 with all of its current functionality (graphs by RTOP/WBS for \$ and Workforce). The table listed in Requirement 1 will be the basis for which records will be selected for each of these three groupings.

When the user selects the AST & ASC button, the system should retrieve "all" Category 2 records.

When the user selects the AST button, the system should "only" retrieve records with a code equal to AST in the new table.

When the user selects the ASC button, the system should "only" retrieve records with a code equal to ASC in the new table.

3. Requirement:

User should be able to select any of the reports under the Reports Option for any of these three new groupings (AST & ASC, AST, or ASC).

When the user selects AST & ASC, the system should retrieve "all" Category 2 records and produce the desired report. The report output should display that the data selected was "AST & ASC".

Page 5 of 6 NAS1-20650 Modification No. 42 When the user selects AST, the system should "only" retrieve records with a code equal to AST in the new table and produce the desired report. The report output should display that the data selected was "AST Only".

When the user selects ASC, the system should "only" retrieve records with a code equal to ASC in the new table and produce the desired report. The report output should display that the data selected was "ASC Only".

Milestones:

- NCI will provide PRD a biweekly status indicating items that have been completed to date and those items still remaining to be worked along with an anticipated completion date.
- The above requirements will be completed by September 30, 1997.

Page 6 of 6 NAS1-20650 Modification No. 42

					OM	3 Approval #:	2700-0042
				1. CONTRACT	ID CODE	PAGE OF	PAGES
AMENDMENT OF SOLICITATIO						1	3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE 1997	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If app					icable)
43	10EF 1 2 1991		GM.411				
6. ISSUED BY CODE		7. ADMINISTE	RED BY (If othe	r than Item 6)	CODE		
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	e Administration						
8. NAME AND ADDRESS OF CONTRACTOR (N	lo., street, county, State, and Zip C	ode) (x)	9A. AMEN	DMENT OF SOL	ICITATION N	D.	
			1				
NCI Information Systems, Inc.							
-	100			(SEE ITEM 11)			
8260 Greensboro Drive, Suite 4	100		JU. DATE				
McLean, VA 22102							
			10A. MOD	FICATION OF C	ONTRACT/O	RDER NO.	
		×	NAS	1-20650			
			10B. DATE	D (SEE ITEM 13	3)		
CODE	ILITY CODE		2/1/9	6			
	TEM ONLY APPLIES TO A						
						<u></u>	<u> </u>
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returningcopies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If requ		•					
JO: A5487; 28230021400;	\$130,000 (complete),						
(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT TO AUTHO	DRITY OF:					
D. OTHER (Specify type of modification and authority							
E. IMPORTANT: Contractor X is not is required to sign this document and return 0 copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICA	ATION (Organized by UCF section	headings, includ	ing solicitation	contract subject	matter where	feasible.)	
The number of this medification		tal fundina		aunt of \$12			~l+•

The purpose of this modification is to provide incremental funding in the amount of \$130,000. Accordingly, the following changes are hereby made to the Contract Schedule:

~

(CONTINUED) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF					
			SA M. HARVEY				
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNTED STATES OF A	Haun	16C. DATE SIGNED			
(Signature of person authorized to sign)		Signature of Contr		/ ////			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105	STANDARD FC Prescribed by GSA FAR (48 CFR) 53.243	RM 30 (Rev. 10-83) 3			



- A. Incremental Funding in the amount of \$130,000 is provided as follows: funding for cost will be increased by \$122,200; funding for fee will be increased by \$7,800. Accordingly, Section B, B-3, Contract Funding, is revised as follows:
 - "B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)
 - (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,361,981. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through September 30, 1997.
 - (b) An additional amount of \$330,477 is obligated under this contract for payment of fee."
- B. All other terms and conditions remain unchanged.

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	Ō	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22.899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	()	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Total	\$9,702,843	\$524,180	\$10,227,023	\$8,692,458

CONTRACT TABULATION

Funding includes \$8,361,981 for cost and \$330,477 for fee.

Page 2 of 3 NAS1-20650 Modification No. 43

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

: }

JDD	Estimated	Award		<u> </u>	Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	10/07/96
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	300,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	22,899	n/a	9/16/97
AF010	1,295	78	\$1,373	1,373	Mod. 39	6/30/97
AF011	2,643	159	\$2,802	2,802	Mod. 39	6/30/97
AF012	199,302	8,757	208,059	180,000	Mod. 41	10/28/97
HB002.02	13.560	590	14.150	45,052	n/a	9/30/97
AF006	NOTE:			62,746	Mod. 26	
AF009	TO			182,681	Mod. 26	
GMG001.02	BE			726,018	Mod. 26	
GMG002	DEFINITIZED			275,000	Mod. 26	
Total	\$2,663,143	\$118,380	\$2.781.523	\$3,999,400		

	OMB Approval #: 2700-0042									
	NDMENT OF SOLICITAT					1. CONTRACT ID CODE		1		PAGES 2
2. AME	NDMENT/MODIFICATION NO. 44		SFP 1 8 1007	4. RE0	DUISIT	ION/PURCHASE REQ. NO. n/a	5.	PROJECT	NO.	(If applicable)
6. ISSI	JED BY CC	DE	<u>vci i o 199/</u>	7. ADM	<i>l</i> INIST	ERED BY (If other than Item 6)	- (
La	ational Aeronautics and Sp angley Research Center ampton, VA 23681-0001	ace Ac	dministration							
8. NAN	A AND ADDRESS OF CONTRACTO	R (No., si	treet, county, State, and Zip C	Code)	(x)	9A. AMENDMENT OF SOLIC	CITAT	ION NO.		
82	CI Information Systems 260 Greensboro Drive, \$ IcLean, VA 22102		100			9B. DATED (SEE ITEM 11)				
						10A. MODIFICATION OF CC	NTR	ACT/ORDI	ERN	D .
					x	NAS1-20650 10B. DATED (SEE ITEM 13)				
CODE		FACILITY	Y CODE			2/1/96				
	11. THIS	ITEM (ONLY APPLIES TO	AMEN	MEI	NTS OF SOLICITATIO	NS			
□ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers □ is extended. □ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or lelegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELECTION OF YOUR OFFER. If by virtue of this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (<i>II required</i>) N/A 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. ARE MADE IN THE CONTRACT (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO THE AUTHORITY OF FAR 43.103(b). (c) THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 43.103(b). (d) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). (c) THIS SUPPLEMENTAL AGREEMENT IS ENTERED I										
Except effect.	mount earned as determin contract Schedule: t as provided herein, all terms and con NAME AND TITLE OF SIGNER (<i>Type</i>	ditions of		em 9A or 16A. N	10A, a AME A SA I		orcha OFFI	nged and i	n full '	force and
15B. (CONTRACTOR/OFFEROR (Signature of person authorized to sig	gn)	15C. DATE SIGNED			STATES OF AMERICA Lec. HAccor gnature of Contracting Officer)	l	27 27		resigned 8197
	540-01-152-8070 IOUS EDITION UNUSABLE		30	-105					80 (R	ev. 10-83)
FREV	OUS EDITION UNUSABLE		FILECO	PY		Prescribe FAR (48				

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, the award fee available for the second award fee period is \$155,772 and is shown below:

"B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	\$90,000"
February 1, 1997 - July 31, 1997	\$155,772

CONTRACT TABULATION

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Total	\$9,702,843	\$524,180	\$10,227,023	\$8,692,458

Funding includes \$8,361,981 for cost and \$330,477 for fee.

•

Page 2 of 2 NAS1-20650 Modification No. 44

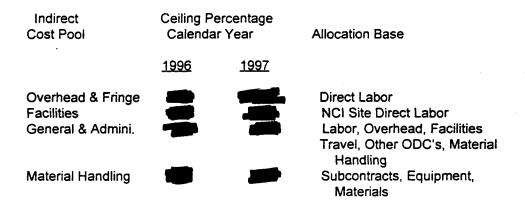
								ом	B Approval #: 2700-0042
AME				MODIFICATION OF	CONTRAC	 T	1. CONTRACT		PAGE OF PAGES
	NDMENT/MODIFICATION NO			EFFECTIVE DATE		N/PURCHASE	L REQ. NO.	5. PROJEC	T NO. (If applicable)
6. ISSU	45		DE	912419	7 ADMINISTE	N/A RED BY (If other	than Item 6)	CODE	
Na La	ational Aeronautics angley Research C ampton, VA 2368	s and Sp Center		dministration					
8. NAN	AND ADDRESS OF CO	ONTRACTO	R (No., s	street, county, State, and Zip C	ode) (x)	9A. AMENI	DMENT OF SOL	ICITATION N	0.
82	CI Information Sy 260 Greensboro Di IcLean, VA 22102	rive, Suit)			(SEE ITEM 11)		PRDER NO.
					x	NAS	1-20650		
						10B. DATE	D (SEE ITEM 1	3)	
CODE			-	TY CODE		2/1/9	-		
				Set forth in Item 14. The hour				extended,	is not extended.
YOUR telegrad	OFFER. If by virtue of this m or letter makes referenc COUNTING AND APPROPRIA /A A. THIS CHANGE ORDER	s amendmen e to the solic TION DATA () IS ISSUED PI	t you de itation a f required	T TO: (Specify authority) THE CH	submitted, such eived prior to the ANGES SET FORTH	change may be opening hour a H IN ITEM 14 AR	e made by telegi and date specifie E MADE IN THE C	ram or letter, j ed. CONTRACT OR	DER NO. IN ITEM 10A.
	appropriation date, etc.)	SET FORTH	I IN ITE	ORDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTH	JTHORITY OF FA	INISTRATIVE AR 43.103(b).	CHANGES (suc	ch as changes	in paying office,
	D. OTHER (Specify type of			prity					
<u> </u>	MUTUAL AGR	EEMEN	<u>т</u>						
	PORTANT: Contracto			s required to sign this docu ON (Organized by UCF section			pies to the iss		fancible)
Т				is to incorporate ceili					
- .			nd th = -1-	•	ntinued)	med mains	nehanned and in f	ull force and off	
	AS PROVIDED HEREIN, All terms a NAME AND TITLE OF SIG			cument referenced in Item 9A or 10					
	CHARLES H	K. NARA	NG,	PRESIDENT	n i	, LI	ISA M. HA	RVEY	
15B. (CONTRACTOR/OFFER	ave	Ey	15C. DATE SIGNED September 26, 1997	16B. UNITED	ular 1	n n n	ma	16C. DATE SIGNED
	(Signature of person aut 40-01-152-8070 DUS EDITION UNUSABLE		<u> </u>	2] ⁻ 30	-105 (Sig		STAN	DARD FOR ed by GSA CFR) 53.243) M 30 (Rev. 10-83)

file

A. Section H, Special Contract Requirements, is revised to add Paragraph H.13, Advanced Agreement on Indirect Rates (LaRC 52.231-90) (JUN 1988) as follows:

"H.13, Advanced Agreement on Indirect Rates (LaRC 52.231-90) (JUN 1988)

A. Notwithstanding the provisions of the Section I clause entitled "Allowable Cost and Payment," the Contractor will be reimbursed at the indirect ceiling rates specified below or the actual rates, whichever are less, for each of the Contractor's fiscal years applicable to this contract. The Contractor's fiscal year is January 1 through December 31. Any costs that are not reimbursed due to the ceilings shall be deemed unallowable costs. These unallowable costs shall not be recovered under this or any other Government contract.



B. The above rate ceilings are predicated upon the bases listed above and the accounting practices and accounting system in effect on January 1, 1996 and January 1, 1997. If the Contractor changes its accounting practices or accounting system in any way, the Contractor will immediately notify the Government. Within 30 days of such change the Contractor shall present to the Contracting Officer information that demonstrates that the change will not impact the allowable cost computed using the above rates or shall submit a proposal for adjustment of the ceilings so that the total costs allowable will not exceed the total costs that would have been allowable had the Contractor not changed its accounting practices or accounting system. In the event that the parties cannot agree on new ceilings using the Contractor's new accounting practices or system and the Contractor does not agree to return to the previous accounting practices and system, the Contracting Officer may equitably adjust the ceilings.*

B. All other terms and conditions remain unchanged.

Page 2 of 2 NAS1-20650 Modification No. 45 ,

Ø	0	0	3
---	---	---	---

					ON	8 Approvel #	2700-00
AMENDMENT OF SOLICITATIO	N/MODIFICATION OF	CONTRAC	т	1. CONTRACT			PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ON/PURCHASE P		S. PROJEC	T NO. (# 200	Mcable)
46 6. ISSUED BY CODE	SEP 2 9 1997	7. ADMINIST	GM 413		CODE		
National Aeronautics and Space Langley Research Center	e Administration		•				
Hampton, VA 23681-0001							
8. NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip C	ode) (x)	9A. AMEND	MENT OF SOL	ICITATION N	0.	
NCI Information Systems, Inc.							
8260 Greensboro Drive, Suite 4	00		98. DATED	(SEE ITEM 11)			
McLean, VA 22102			10A. MODIF	ICATION OF C	ONTRACT/O	RDER NO	
						Noen no.	
		x	NAS1	-20650			
·····			108. DATED	SEE ITEM 13	3)		
		AACNIDAACNI	2/1/96				
The above numbered solicitation is amended	EM ONLY APPLIES TO A				extended.	is not e	
IT MODIFIE: (x) A. THIS CHANGE ORDER IS ISSUED PURSO. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I C. THIS SUPPLEMENTAL AGREEMENT IS EN X 52.243-2, Changes - Cost Re	TIORDER IS MODIFIED TO REFE TEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTHO SIMDURSEMENT (AUG 198	R NO. AS DI NGES SET FORTH LECT THE ADMI THORITY OF FA RITY OF:	ESCRIBED IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	IN ITEM 14. MADE IN THE CO HANGES (such	ONTRACT ORD		
0. OTHER (Specify type of modification and au							
IMPORTANT: Contractor is not, X DESCRIPTION OF AMENDMENT/MODIFICA	is required to sign this docu TION (Organized by UCF section h					easible.)	
The purpose of this modification full and equitable adjustment pu the contract. Accordingly, the fo	rsuant to the Changes cl	lause. In ad	dition, incr	emental fu	Inding is l		
xcept as provided herein, all terms and conditions of the d	•	inued)	ad campine com	acced and in 64	force and eller		
5A. NAME AND TITLE OF SIGNER (Type or prin		16A. NAME AN					
DAVID C. CHISHOLM,				NY. CRE			
SB CONTRACTOR/OFFEROR	September 26, 1997	HEB. UNITED S	a 40	les	<u>25</u> 9	C. DATE SH	gned 9
(Signature of person authorized to sign) SN 7540-01-152-8070	30-10		ture of Contrac	ting Officier) // STANDA		30 (Rev. 10	-83)
REVIOUS EDITION UNUSABLE			-	Prescribed FAR (48 CF	DY GSA		1

FILE COPY

A. Section B, B.2, is revised to increase cost by \$1,087,799 from \$9,702,843 to \$10,790,642 and the award fee available is increased by \$47,287 from \$524,180 to \$571,467. In addition, the award fee available for the third period is increased by \$47,287 from \$102,640 to \$149,927 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$10,790,642 exclusive of the award fee of \$571,467 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$11,362,109.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	155,772
August 1, 1997 - January 31, 1998	149,927"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Incremental Funding in the amount of \$6,000 is provided as follows: funding for cost will be increased by \$5,650; funding for fee will be increased by \$350. Accordingly, Section B, B-3, Contract Funding, is revised as follows:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,367,631. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through October 15, 1997.
- (b) An additional amount of \$330,827 is obligated under this contract for payment of fee."

Page 2 of 4 NAS1-20650 Modification No. 46

CONTRACT TABULATION

,

1

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Total	\$10,790,642	\$571,467	\$11,362,109	\$8,698,458

Funding includes \$8,367,631 for cost and \$330,827 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764		3/1/96
GMG001.00	92.033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1.572	\$40,096	41,367	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	\$10.880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	8/31/96
GI001.00	23,810	1.091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	12/15/90
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	10/07/90
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/91
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/90
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	10/15/9
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/91
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/91
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/9
HB002.01	21,853	1,046	\$22,899	22,899	n/a	9/16/9
AF010	1,295	78	\$1,373	1,373	Mod. 39	6/30/9
AF011	2,643	159	\$2,802	2,802	Mod. 39	6/30/9
AF012	199,302	8,757	208,059	180,000	Mod. 41	10/28/9
HB002.02	13,560	590	14,150	45,052	n/a	9/30/9
AF006	61,669	3,071	64,740	62,746	Mod. 26	3/1/9
AF009	187,847	8,049	195,895	182,681	Mod. 26	8/18/9
GMG001.02	744,314	31,467	775,781	762,018	Mod. 26	9/15/9
GMG002	93,969	4,700	98,669	275,000	Mod. 26	on hol
Total	\$3,750,942	\$165,667	\$3,916,608	\$3,985,400		

Page 3 of 4 NAS1-20650 Modification No. 46

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

Assignment of Job Description Documents:

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Credit Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
HB002.01	Management Information System for Lead Center	6-16-97
HB002.02	Management Information System for Lead Center	8-13-97

Page 4 of 4 NAS1-20650 Modification No. 46

....

			1						B Approval #:	
AMENDMENT OF SOLICITATIO	N/MOD	IFICA	TION OF	CONTE	RAC	r	1. CONTRACT		PAGE O	F PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFEC	TIVE DA	TE			N/PURCHASE I	REQ. NO.	5. PROJEC	T NO. (If app	. –
6. ISSUED BY CODE	NOV	<u>U 3</u>	1997	7. ADM	INISTE	n/a RED BY (If other	than item 6)	CODE	1	
	L			-					L	
National Aeronautics and Space	e Admin	istratio	on							
Langley Research Center										
Hampton, VA 23681-0001										
8. NAME AND ADDRESS OF CONTRACTOR (M	lo street c	ounty S	tate and Zin C		(x)		MENT OF SO		0	<u> </u>
8. NAME AND ADDRESS OF CONTRACTOR (M	vo., sueei, c	Journy, G		008)	(X)				0.	
NCI Information Systems, Inc.										
8260 Greensboro Drive, Suite 4					1	98. DATED	SEE ITEM 11)		
McLean, VA 22102								•		
··						10A. MODI	FICATION OF	CONTRACT/O	RDER NO.	
					ļ					
					x	NAS	1-20650			
						10B. DATE	D (SEE ITEM 1	3)		
CODE FAC	CILITY COD	E			1	2/1/9	6			
11. THIS IT	TEM ON	LY AP	PLIES TO /	MEND	MENT	S OF SOL	ICITATION	S		
The above numbered solicitation is amended	d as set for	th in Iterr	14. The hour	and date s	pecifie	d for receipt of	Offers i	s extended,		extended.
Offers must acknowledge receipt of this amendme (a) By completing Items 8 and 15, and returning	ent prior to t	he hour s of the a	and date specif	ied in the s	iolicitat vledgin	tion or as ame to receipt of thi	nded, by one of is amendment of	the following n	nethods: If the offer s	ubmitted
or (c) By separate letter or telegram which includes	es a reference	ce to the	solicitation and	l amendme	ent num	nbers. FAILUF	RE OF YOUR A	CKNOWLEDG	SEMENT TO	DBE
RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment you	u desire to o	change a	OFFERS PRIC	submitted,	, such a	change may bi	e made by teleg	ram or letter, p	REJECTIO	NO⊢ ch
telegram or letter makes reference to the solicitation	ion and this	amendr	nent, and is rec	eived prior	to the	opening hour a	and date specifi	ed.		
n/a	(0						·			
13. THIS ITEM	APPLIE	S ONL	Y TO MOD	IFICATI	ONS	OF CONTR	ACTS/OR	DERS,		
IT MODIFIE										
(x) A. THIS CHANGE ORDER IS ISSUED PURSU	UANT TO: (3	specity au	(Chonty) The Chi	ANGES SEI	FURIF	1 IN LLEM 14 AR	EMADEINTHE	CUNTRACTUR	DER NO. IN I	IEM TOPL
X B. THE ABOVE NUMBERED CONTRAC	CT/ORDEF		DIFIED TO REF	LECT THE	E ADM	INISTRATIVE	CHANGES (su	ch as changes	in paying o	ffice,
appropriation date, etc.) SET FORTH IN	ITEM 14, F	PURSUA	INT TO THE AU	THORITY	OF FA	AR 43.103(b).	· · · · · · · · · ·	-		
C. THIS SUPPLEMENTAL AGREEMENT IS E	ENTERED IN	TO PURS	UANT TO AUTH	ORITY OF:						
D. OTHER (Specify type of modification and an	authority									
E. IMPORTANT: Contractor X is not,	, 🗌 is re	quired	to sign this de	ocument	and re	eturn c	opies to the i			
14. DESCRIPTION OF AMENDMENT/MODIFICA										
The purpose of this modification										unding
remains unchanged. According	gly, the	follov	ving chang	e is her	eby 1	made to th	e Contract	Schedule	:	
			_							
			•	ntinued)						
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or pro-		eferenced	1 in Item 9A or 10				nchanged and in CONTRACTIN			t)
	,							·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
			- 0101150				ISA M. HA			
15B. CONTRACTOR/OFFEROR	15	DU. DAT	E SIGNED	16B. U	NUED	STATES OF			ICC. DATE	SIGNED
				BY	$\overline{)}$	1.2-11	11-fai	ney	11/2	197
(Signature of person authorized to sign) NSN 7540-01-152-8070			30	0-105	(Sig	nature of Con	tracting Officer)		M 30 (n-	10.83)
PREVIOUS EDITION UNUSABLE							Prescri	bed by GSA	ivi JU (Rev.	10-83)
							FAR (4	8 CFR) 53.243		

FILE COPY

A. Funding in the amount of \$150,000 is being reallocated from the cost pool to the fee pool. Accordingly,, B-3, Contract Funding, is revised as follows:

- **"B.3** Contract Funding (NASA 18-52.232.81) (JUN 1990)
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,217,631. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through November 17, 1997.

والمراجع والرجع والمعطوم والأ

all and the second s

- (b) An additional amount of \$480,827 is obligated under this contract for payment of fee."
- B. All other terms and conditions remain unchanged.

• •

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0 '
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Total	\$10,790,642	\$ 571 ,46 7	\$11,362,109	\$8,698,458

CONTRACT TABULATION

Funding includes \$8,217,631 for cost and \$480,827 for fee.

	•								3 Approval #:	2700-0042
		7				_	1. CONTRACT	ID CODE	PAGE O	F PAGES
AMENDMENT OF SOLIC	TATION				ACT	N/PURCHASE F			TNO. (If appl	2
2. AMENDMENT/MODIFICATION NO. 48		3. EFFECTIVE DATE			AF.	5476/GM.	4162			
6. ISSUED BY	CODE			7. ADMI	NISTER	RED BY (If other	than Item 6)	CODE		
National Aeronautics an Langley Research Cent Hampton, VA 23681-0	er 001									
8. NAME AND ADDRESS OF CONTR	ACTOR (N	o., street, county, Sta	ate, and Zip Co	ode)	(x)	9A. AMENI	DMENT OF SOL	LICITATION N	0.	
NCI Information Syster 8260 Greensboro Drive McLean, VA 22102		00					GEE ITEM 11	, 	RDER NO.	
						NAC	1-20650			
					х		D (SEE ITEM 1	(3)		
								0)		
CODE		ILITY CODE		MENDA	IEN17	2/1/9		<u> </u>		
The above numbered solicitation								s extended,	ie net e	xtended.
Offers must acknowledge receipt of thi (a) By completing Items 8 and 15, and or (c) By separate letter or telegram will RECEIVED AT THE PLACE DESIGN/ YOUR OFFER. If by virtue of this ame telegram or letter makes reference to to 12. ACCOUNTING AND APPROPRIATION	returning nich includes ATED FOR endment you he solicitatio DATA (If regi	copies of the ar s a reference to the s THE RECEIPT OF C u desire to change ar on and this amendme urred)	nendment; (b) solicitation and DFFERS PRIO n offer already ent, and is rece	By acknow amendmen R TO THE submitted, eived prior t	Hedgin nt num HOUF such a to the f	ig receipt of the obers. FAILUF AND DATE change may be opening hour a	is amendment of RE OF YOUR A SPECIFIED MA e made by teleg and date specifi	on each copy of CKNOWLEDC Y RESULT IN gram or letter, p ed.	of the offer s SEMENT TO REJECTIO provided eac	N OF
M3159, 992-30-06-01,	\$175,00	0; Complete /	A5160, 2	82-30-0	2-04	, \$70,000	Complete	\$245,0	000	
IT	MODIFIE	APPLIES ONL'	ACT/ORDE	ER NO. A	AS D	ESCRIBE	D IN ITEM 1	4.		
(x) A. THIS CHANGE ORDER IS IS	SUED PURSU	JANT TO: (Specify aut)	hority) THE CHA	NGES SET	FORTH	I IN ITEM 14 AF	RE MADE IN THE	CONTRACT OR	DER NO. IN I	TEM 10A.
X B. THE ABOVE NUMBEREI appropriation date, etc.) SET	FORTH IN	ITEM 14, PURSUAN	IT TO THE AU	THORITY	ADM OF FA	INISTRATIVE AR 43.103(b).	CHANGES (su	ch as changes	in paying c	office,
C. THIS SUPPLEMENTAL AGR	EEMENT IS E	NTERED INTO PURSU	IANT TO AUTHO	ORITY OF:						
D. OTHER (Specify type of mode	fication and a	uthority	<u></u>				<u> </u>			
E. IMPORTANT: Contractor	X is not,	is required to	o sign this do	ocument a	and re	eturn c	copies to the i	ssuing office	÷.	
14. DESCRIPTION OF AMENDMEN	T/MODIFIC/	ATION (Organized b	y UCF section	headings, i	includi	ing solicitation	/contract subjec	t matter where	feasible.)	
The purpose of this modif	ication i	s to provide in	cremental	funding	g in	the amou	nt of \$245,	000. Acco	ordingly	, the
following changes are her										
			1	للم من معالم						
			•	itinued)	ore at -	orand remains -	unchanged and in	full force and off	ect	
Except as provided herein, all terms and co	nditions of the	e accument referenced	in item 9A or 10/	A, as nerecord	ure cha	ingeo, remains t	inchanged and In	run force and en	501.	

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
		✓ ✓ ✓ LISA M. HARVEY					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF MERICA BY Jusa / Charney	11/26/97				
(Signature of person authorized to sign)		(Signature of Contracting Officer)					
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105 STANDARD FOR Prescribed by GSA FAR (48 CFR) 53.243	M 30 (Rev. 10-83)				



A. Incremental Funding in the amount of \$245,000 is being provided as follows: funding for cost will be increased by \$230,790; funding for fee will be increased by \$14,210. Accordingly, Section B. B-3, Contract Funding, is revised as follows:

- "B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$8,448,421. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through December 5, 1997.
- (b) An additional amount of \$495,037 is obligated under this contract for payment of fee."
- B. All other terms and conditions remain unchanged.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48				245,000
Total	\$10,790,642	\$571,467	\$11,362,109	\$8,943,458

CONTRACT TABULATION

Funding includes \$8,448,421 for cost and \$495,037 for fee.

+7578658562

569 P02 DEC 03 '97 09:37

								Brosdov BWG	the second s
	DUCNT OF				١T	1. CONTRAC	TID CODE	PAGE	OF PAGES
	IDMENI OF		N/MODIFICATION OF (I	RED NO	14 000.0	CT NO (IL ADA	6
2 AMERL	MENTIMODIFICATION		DEC 0 5 1997	A, REQUISIT	GM.4141	-	J. PROJ		ucaulej
6 ISSUE		CODE		7. ADMINIST	ERED BY (If other	rthan Kom 6)	CODE		
Na	tional Aeronau	tics and Space	Administration	1					
	ngley Researci								
	mpton, VA 23								
8. NAME	AND ADDRESS O	F CONTRACTOR (N	o., street, county, State, and Zip Co	de) (x)	A AMENI	DMENT OF SO		NO.	
					1				
	I Information								
		Drive, Suite 4	100		98 DATEL) (SEE ITEM 11	ט		
Mo	Lean, VA 22	102			104 MOD	FICATION OF	CONTRACT	OPDER NO	
							CONTRACT	ORDER NO.	
				x	NAS	1-20650			
						ATED (SEE ITEM 13)			
CODE			LILITY CODE		2/1/9				
		11. THIS I	TEM ONLY APPLIES TO A	MENDMEN	TS OF SOL	ICITATION	S		
(#)	8. THE ABOVE NU Sppropriation date, C. THIS SUPPLEMEN	UMBERED CONTRA erc.) SET FORTH IN ITAL AGREEMENT IS I	UANT TO: (Southy suthery) THE CHAN CT/ORDER IS MODIFIED TO REFI ITEM 14, PURSUANT TO THE AU INTERED INTO PURSUANT TO AUTHO	LECT THE AD THORITY OF	MINISTRATIVE FAR 43.103(b).	CHANGES (SL			
X		anges, Cost R	eimbursement (AUG 198	7) Alterna	te II (APR	1984)			
	O. OTHER (Spacery)	pe or mounication and a	louxomy						
E. IMP	ORTANT: Contr	actor 🔲 is not 🕻	is required to sign this docu	ment and ret	um <u>3</u> ca	pies to the is			
14. DE	SCRIPTION OF AME	NOMENTMODIFIC	ATION (Organized by UCF section i	headings, inclu	ding solicitation	•			
M		ogram (IFMP)	on is to revise the Statem requirements to the State						ile will
			(con	tinued)					
			AD TO AR ment in beamaneter fremusade	as nersiofore o					
		SIGNER (Type or p	-	16A. NAME		CONTRACTIN		(Туре ог ргі	τų.
			PRESIDENT			OAN Y. C	REPPS		
158. C	ONTRACTORIOFE	\frown	15C. DATE SIGNED	TOB. UNITE	D STATES OF	AMERICA		16C. DATE	SIGNED
		Civary	12/4/97	BY //		Paracting Officer,	$\underline{\leftarrow}$	12/3	5/4
NSN 754	(Signature of person 0-01-152-4070		, 30-	105	Signatore of Car			0RM 30 (Rev	10-83)
PREVIC	US EDITION UNUSABU	.e- '				Prescri	bed by GSA 18 CFR) 53.24	•	
			, E ILE	COF	<u>P</u> Y				

, j A. Section B, B.2, is revised to increase cost by \$422,395 from \$10,790,642 to \$11,213,037 and the award fee available is increased by \$25,189 from \$571,467 to \$596,656. In addition, the award fee available for the third period is increased by \$25,189 from \$149,927 to \$175,116 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

ĵ

A. The estimated cost of this contract is \$11,213,037 exclusive of the award fee of \$596,656 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$11,809,693.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	155,772
August 1, 1997 - January 31, 1998	175,116"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Paragraph H.12, Options, is deleted in its entirety and is replaced with the following which reflects the revised contract values:

"H-12, Options

Priced Options/Extended Services

Pursuant to the Section I clause entitled 52.217-9, Option to Extend the Term of the Contract (MAR 1989), and FAR 37.111, the Contractor hereby grants to the Government options to extend the term of the contract by four one-year periods and six one-month periods. The first through fourth option periods are to be exercisable by issuance of a unilateral modification no later than 30 calendar days prior to the expiration of the contract. The fifth through tenth option periods are not subject to the time period specified in Paragraph (a) of FAR Clause 52.217-9, but may be exercised by the issuance of a unilateral modification prior to the expiration of the contract. Upon exercise of such option(s) by the Government, the following items will be increased by the amounts specified below for each option period.

Page 2 of 6 NAS1-20650 Modification No. 49

A. First through Fourth Option Periods

.

ij

Item	First Option <u>Period</u>	Second Option <u>Period</u>	Third Option <u>Period</u>	Fourth Option <u>Period</u>
Period of Performance (Ref. F.1)	12 months	12 months	12 months	12 months
Estimated Cost (Ref. B.2.A)	\$5,790,980	\$5,107,315	\$5,173,925	\$4,494,703
Award Fee (Ref. B.2.A)	\$ 330,888	\$ 295,376	\$ 294,618	\$ 253,904
Award Fee Availability (Ref. B.2.B)				
2/1/97 - 7/30/97 8/1/97 - 1/31/98	\$ 155,772 \$ 175,116			
2/1/98 - 7/30/98 8/1/98 - 1/31/99		\$ 147,688 \$ 147,688		
2/1/99 - 7/30/99 8/1/99 - 1/31/00			\$ 147,309 \$ 147,309	
2/1/00 - 7/30/00 8/1/00 - 1/31/01				\$ 126,952 \$ 126,952

-

.

B. Fifth through Tenth Option Periods

.

Period of Performance (Ref. F.1)	Fifth Option <u>Period</u> I month	Sixth Option <u>Period</u> 1 month	Seventh Option <u>Period</u> 1 month	Eighth Option <u>Period</u> 1 month	Ninth Option <u>Period</u> 1 month	Tenth Option <u>Period</u> 1 month
Estimated Cost (Ref. B.2.A)	\$334,484	\$334,484	\$334,484	\$334,484	\$334,484	\$334,484
Fixed Fee (Ref. B.2.A)	\$ 17,738	\$ 17,738	\$ 17,738	\$ 17,738	\$ 17,738	\$ 17,738

C. Exhibit A, Statement of Work, is revised as follows:

1. Section 6, Applications Portfolio Management, second sentence, is deleted in its entirety and replaced with the following:

"Applications Portfolio Management includes applications software maintenance and upgrade, applications modification, technical support and consulting, performance measurement and tuning, security, and implementation of commercial off the shelf (COTS) products associated with the BAMIS applications portfolio."

2. Section 6 is revised to include the following sentence to the end of the paragraph:

"In support of the Integrated Financial Management Program (IFMP) the contractor shall perform support services to aid in the implementation and integration of the IFMP suite of applications into the BAMIS computing environment. In addition to the services listed above, the Contractor shall provide IFMP support for planning, data conversion, integration, analysis, and modification to LaRC and Agency systems."

B. Exhibit D, BAMIS Applications Portfolio, is revised as follows:

1. The first paragraph, first sentence, is deleted in its entirety and shall read as follows:

"The LaRC application-specific software portfolio consists of Agency-wide standard systems, commercial off the shelf (COTS) systems, and LaRC-developed and LaRCmaintained unique application specific systems."

2. Figure 1 is deleted in its entirety and shall read as follows:

APPLICATION SYSTEM CATEGORY	NO. OF SYSTEMS
A. LaRC-unique systems	43
B. Agency systems with no LaRC-unique interface	3
C. Agency systems with LaRC-unique interface	5
D. Agency commercial off the shelf (COTS) systems	7
Total number of application systems	58

3. Section 8.0 will be added after section 7.3 and will read as follows:

"8.0 Integrated Financial Management Program (IFMP)

The IFMP is an Agency-wide initiative which will procure COTS software in the financial arena to replace existing Center-unique and Agency-wide software. The IFMP has provisions to procure software in seven distinct areas of functionality. These areas are Core Financial, Budget Formulation, Time and Attendance, Procurement, Travel, Asset Management, and Executive Information System. Of these seven applications, only Core Financial and the Executive Information System are considered to be mandatory for IFMP, with all other applications identified as options which may or may not be selected for implementation.

Page 4 of 6 NAS1-20650 Modification No. 49

8.1 Core Financial

The Core Financial application includes budget execution, recording and controlling funds, recording cost, including full cost accounting and labor distribution, disbursing and advancing funds, billing and collecting accounts receivable, Standard General Ledger, financial classification structure, and reporting. Category D.

8.2 Budget Formulation

The Budget Formulation application includes integrated budget planning linked to strategic plans, standardized data, schedule, formats and guidance for budget calls and submittals, and recording, maintaining, and reporting budget data for many multi-budget cycles. Category D.

8.3 Time and Attendance

The Time and Attendance application includes exception-based reporting, shifting responsibility for maintaining electronic time sheets to individual employees, simplifying the attendance certification process, and using electronic routing and approval. Category D.

8.4 Procurement

The Procurement application includes an end-to-end procurement process that is integrated with other business systems, reduced number of approvals, expansion of credit card purchasing, and automated closeout for simplified acquisitions processes outside the Acquisition Division. Category D.

8.5 Travel

The Travel application includes initiation of travel requests by the traveler, reduced number of approvals, use of flat rate per diem, random statistical sampling of travel vouchers, and end-to-end electronic processing of travel data from the initiation of the travel request through the payment of the travel voucher. Category D.

8.6 Asset Management

The Asset Management application includes inventory and property control, depreciation of assets, disposal of assets, and managing facilities and equipment maintenance. Category D.

8.7 Executive Information System

The Executive Information System will provide program managers, project managers, and others with timely, accurate, and useful financial and non-financial data needed for planning and management decision making. Category D."

Page 5 of 6 NAS1-20650 Modification No. 49

CONTRACT TABULATION

1

	Estimated	Award Fee	<u>CPAF</u>	Funding
	<u>Cost</u>			
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Total	\$11,213,037	\$596,656	\$11,809,693	\$8,943,458

Funding includes \$8,448,421 for cost and \$495,037 for fee.

-

۲.

Page 6 of 6 NAS1-20650 Modification No. 49

+7578658562

f

•								Approvel #. 2700-0
MENDMENT OF SOLICITATION		CATION OF	CONTRA	CT		1. CONTRACT	ID CODE	PAGE OF PAGE
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE	A. REQUI	SITIO	VPURCHASE I	REQ. NO.	5. PROJEC	T NO. (If applicable)
50	DEC 1	2 1997			n/a			
ISSUED BY CODE			7. ADMINI	STER	ED BY (If other	r their Rom 6)	CODE	L
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	e Administra	ation						
NAME AND ADDRESS OF CONTRACTOR (N	o., street, count	ty, State, and Zip	Code)	x)	SA. AMENI	DMENT OF SOL	ICITATION N	0.
NCI Information Systems, Inc.								
8260 Greensboro Drive, Suite 4	00				98. DATEL	SEE ITEM 11)	
McLean, VA 22102	Q U							
WCLEal, VA 22102			-		10A. MOD	FICATION OF	ONTRACT/O	RDER NO.
		-						
				x	NAS	1-20650		
			1		108. DATE	D (SEE ITEM 1	3)	
ODE FAC	ILITY CODE				2/1/9	.		
		APPLIES TO	AMENDA	CANT			2	
a) By completing items 8 and 15, and returning _ r (c) By separate letter or telegram which include tecEIVED AT THE PLACE DESIGNATED FOR OUR OFFER, if by virtue of this amendment you elegram or letter makes reference to the sellchating 2. ACCOUNTING AND APPROPRIATION DATA (if reg 13. THIS ITEM	s a reference to THE RECEIPT u desire to char on and this arm urod) APPLIES C	o the solicitation as OF OFFERS PR age an offer alread andment, and is re ONLY TO MOI	nd amendment IOR TO THE H by submitted, s casived prior to DIFICATIO	NS	AND DATE thange may b opening hour	RE OF YOUR A SPECIFIED MA the made by tolog and date specifi RACTS/ORI	CKNOWLEDC Y RESULT IN Iram or lettar, j 50.	REJECTION OF
(x) A. THIS CHANGE ORDER IS ISSUED PURSU	UANT TO: (Spec	NTRACT/ORI	HANGES SET F	ORTH	IN ITEM 14 A	RE MADE IN THE	CONTRACT OR	DER NO. IN ITEM 10
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	ITEM 14, PUR	SUANT TO THE	authority c	ADM	NISTRATIVE	E CHANGES (su	ch as changes	s in paying office,
C THIS SUPPLEMENTAL AGREEMENT IS E X 52.243-2, Changes - Cost R D OTHER (Specify type of modification and a	eimbursen	Nent (AUG 1	HORITY OF: 987) Alter	nate	II (APR	1984)		
E. IMPORTANT: Contractor is not, DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modification	ATION (Organi		on heedings, in	cludi	ing solicitation		t matter where	e feasible.)
as a result of the specification Contract Schedule:	being chan	iged. Accord	lingly, the	fol	lowing c	hanges are	hereby ma	ade to the

,

	(con	tinued)	
	ument referenced in Item 9A or 10/	A as heretolore changed, remains unchanged and in full force and 1 to the force of 1 to the second s	d effect.
15A. NAME AND TITLE OF SIGNER (Type or print)			
LENWOOD O. TRAMMELLE,	JR., SR VP/C	M LISA M. HARVE	
158. CONTRACTORIOFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA	TEC. DATE SIGNED
(Signature of person authorized to sign)	12/8/97	BY (Signature of Contracting Officer)	12/12/97
NSN 7540-01-152-8070	30		ORM 30 (Rev 10-83)
PREVIOUS EDITION UNUBABLE	,	Prescribed by GS/ FAR (48 CFR) 53	

FILE COPY

A. Section B, B.2, is revised to increase cost by \$11,412 from \$11,213,037 to \$11,224,449 and the award fee available is increased by \$312 from \$596,656 to \$596,968. In addition, the award fee available for the third period is increased by \$312 from \$175,116 to \$175,428 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$11,224,449 exclusive of the award fee of \$596,968 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$11,821,417.

B. The award fee available for each evaluation period is as follows:

ij

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	155,772
August 1, 1997 - January 31, 1998	175,428"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. A performance-based JDD including performance metrics for JDD HB002.03 is added to Exhibit G and is attached hereto.

Page 2 of 7 NAS1-20650 Modification No. 50

CONTRACT TABULATION

	Estimated	Award Fee	CPAF	Funding
Through Mod. 27	<u>Cost</u> \$7,735,374	\$437,396	\$8 ,172,770	\$ 7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	1,000,00	,	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	ů 0	0	0	75,000
Mod. 32 Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	Õ
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	Ŭ	0
Mod. 45	0	0	Ō	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	ů.	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	Ō
Total	\$11,224,449	\$596,968	\$11,821,417	\$8,943,458

Funding includes \$8,448,421 for cost and \$495,037 for fee.

Page 3 of 7 NAS1-20650 Modification No. 50

.

. •

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

l

ſ

ddr	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
						_
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/2A/96
1001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	8/31/96
G1001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	12/13/96
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	22,899	n/a	9/16/97
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AFOII	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	208,059	180,000	Mod. 41	10/28/97
HB002.02	13,560	590	14,150	14,150	n/a]	9/30/97
AF006	61,669	3,071	64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	195,895	182,681	Mod. 26	\$/18/97
GMG001.02	744,314	31,467	775,781	762,018	Mod. 26	9/15/97
GMG002	93,969	4,700	98,669	275,000	Mod. 26	cancelled
HB002.03	11,412	312	11,724	30,902	n/a	
Total	\$3,762,354	\$165,979	\$3,928,332	\$3,985,400		

+75786585

· - .

-

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

ļ

Assignment of Job Description Documents:

JDD#	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-2 9-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-1 4-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
G1001	Facility Maintenance Augmentation Database	5-03 -96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17 -96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	5-1 9-96
H8002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7 -03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01 -96
AF009	Badge and Pass System	12-01 -96
HA003	Credit Card Reconciliation System Phase II	1 -29-9 7
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2 -28-9 7
HA004	Current State Processing Analysis System	3-1 4-97
GM003	Center Information Management Architecture	5-2 9- 97
HB002.01	Management Information System for Lead Center	6-16-97
HB002.02	Management Information System for Lead Center	8-13-97
HB002.03	Management Information System for Lead Center	12-8-97

Page 5 of 7 NAS1-20650 Modification No. 50

Additional Requirements For Job Description Document for BAMIS Contract (NAS1-20650)

JDD # HB002.03

Title: Management Information System for Lead Center Budgeting

LaRC Point of Contact: Delores K. Poupard, PRD, CFO Mail Stop 104

Phone 864-6098

Date Prepared by Requester: October 20, 1997

Scope: To provide additional requirements and changes to existing system as stated below in order to allow the use of the Langley Lead Center MIS by Marshall Space Flight Center

Specific Requirements:

- 1. Requirement
- Add a button entitled "Marshall" to the main screen.
- Marshall Space Flight Center records will be assigned the value of "Category 5".

• System to be modified to allow for Marshall to have all of the system capabilities now available to the Langley and Dryden users. These are to include graphics, all reports, add/change/delete data screens and etc. for both budget \$ and workforce data.

2. Requirement:

• Table currently used to categorize 7-digit level records for UPN 538 (Category 2) into different groups is to be modified to accommodate the desired groupings for Marshall data. See Excel Spreadsheet for groupings desired (to be delivered separately). This spreadsheet does not presently contain complete 7-Digit level program numbers (ex., 242-xx). Marshall will load complete 7-Digit level numbers at a later date when the above table is populated.

• This table is to be listed as an option within the "Admin" button. This table should be the data source for graphs, reports and etc. that will display Category 5 records by these different groupings.

• The Marshall data administrator should be able to modify/add/delete records from this table as required. Graphs and reports should immediately reflect these changes.

3. Requirement:

• At the present time the Langley Lead Center MIS is setup for user access via a Macintosh only. Modify screens/graphs/reports to be accessible by PC users using Microsoft Windows. These modifications are to be transparent and have no impact to the present Macintosh users.

• Provide PRD with a written report detailing all of the required changes and impacts on present system.

Page 6 of 7 NAS1-20650 Modification No. 50 • Provide Marshall Space Flight Center with the necessary instructions and assistance to successfully configure Langley Lead Center MIS for PC use.

Į

Milestones:

+75786585

• NCI will provide PRD a biweekly status indicating items that have been completed to date and those items still remaining to be worked along with an anticipated completion date.

• All system modifications made to accommodate the above requirements are to be thoroughly tested by NCI before they are turned over to PRD for System Acceptance Testing. System errors, other than a few minor items that can be quickly remedied, will not be acceptable.

• The above requirements will be completed within 14 weeks from the time authorization is received.

Page 7 of 7 NAS1-20650 Modification No. 50

<u> </u>								IB Approval #:	2700-0042
	ENDMENT OF SOLICITATIO					1. CONTRAC	T ID CODE	PAGE O	F PAGES
2. AME	ENDMENT/MODIFICATION NO. 51	3. EFFECTIVE DATE NFC. 1 2 1997	4. REQUISITION/PURCHAS			REQ. NO.	5. PROJEC	CT NO. (If appl	icable)
6. ISS	JED BY CODE		7. ADMI	NISTE	RED BY (If other	than Item 6)	CODE	L	
L F	lational Aeronautics and Space angley Research Center lampton, VA 23681-0001								
8. NA	ME AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip Cou	de)	(x)	9A. AMENE	DMENT OF SC	LICITATION N	Ю.	
8	ICI Information Systems, Inc. 260 Greensboro Drive, Suite 4 IcLean, VA 22102	100			9B. DATED	(SEE ITEM 1	1)		
					10A. MODII	FICATION OF	CONTRACT/C	RDER NO.	
				x		1-20650	13)		
CODE	FAC	ILITY CODE			2/1/9		-,		
	11. THIS I	EM ONLY APPLIES TO A	MENDM	ENT			S		
(a) By or (c) I RECE YOUR telegra	must acknowledge receipt of this amendme completing Items 8 and 15, and returning By separate letter or telegram which include: IVED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you im or letter makes reference to the solicitation COUNTING AND APPROPRIATION DATA (if requ	copies of the amendment; (b) B s a reference to the solicitation and a THE RECEIPT OF OFFERS PRIOR i desire to change an offer already su on and this amendment, and is received.	y acknowl mendmen TO THE I ubmitted, s	ledgin it num HOUR such c	g receipt of thi bers. FAILUR AND DATE S hange may be	s amendment (E OF YOUR A PECIFIED MA made by telec	on each copy o CKNOWLEDG Y RESULT IN aram or letter, c	f the offer su EMENT TO REJECTION	BE
		APPLIES ONLY TO MODIF S THE CONTRACT/ORDEF							
(x)	A. THIS CHANGE ORDER IS ISSUED PURSU							DER NO. IN ITI	EM 10A.
x	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	CT/ORDER IS MODIFIED TO REFLE ITEM 14, PURSUANT TO THE AUT	ECT THE A	ADMII DF FA	NISTRATIVE (R 43.103(b)		ch as changes H-3, OPTION		īce,
	C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT TO AUTHOR	ITY OF:						
	D. OTHER (Specify type of modification and au	Ithonty				<u></u>	<u> </u>		
E. IM	PORTANT: Contractor X is not, [is required to sign this docur	ment and	i retu	mco	pies to the is	suing office.		
14. DI	ESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section he	adings, in	cludin	g solicitation/c	ontract subject	matter where	feasible.)	
	he purpose of this modificatio		d 12-m	onth	option pe	eriod. Acc	ordingly,	the follo	wing
C.	hanges are hereby made to the	Contract Schedule:							

•

(,					
ument referenced in Item 9A or 1	IOA, as heretofore changed, remains unchanged and in full force and effect.					
	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)					
	JOAN Y. CREPPS					
15C. DATE SIGNED	I have be have a l	INED				
	(Signature of Contracting Officer)	191				
3	30-105 STANDARD FORM 30 (Rev. 10-1 Prescribed by GSA FAR (48 CFR) 53.243	33)				
	15C. DATE SIGNED	JOAN Y. CREPPS 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED 16C. DATE SIGNED 17 17 17 17 17 17 17 17 17 17				

(continued)

FILE COPY

A. Section B, B.2, is revised to increase cost by \$5,107,315 from \$11,224,449 to \$16,331,764 and the award fee available is increased by \$295,376 from \$596,968 to \$892,344. Award fee available for the fourth period is \$295,376 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$16,331,764 exclusive of the award fee of \$892,344 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$17,224,108.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	155,772
August 1, 1997 - January 31, 1998	175,428
February 1, 1998 - July 31, 1998	147,688
August 1, 1998 - January 31, 1999	147,688"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Section F, F.1, Period of Performance, is hereby replaced with the following:

"F.1 PERIOD OF PERFORMANCE (NASA 18-52.212-74) (DEC 1988)

The period of performance of this contract shall be 36 months from the effective date of the contract."

	CONTRACT TABOLATION						
	Estimated Cost	Award Fee	<u>CPAF</u>	Funding			
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629			
Mod. 28	1,009,373	42,922	1,052,295	0			
Mod. 29	0	0	0	100,000			
Mod. 30	0	0	0	94,664			
Mod. 31	0	0	0	80,000			
Mod. 32	0	0	0	75,000			
Mod. 33	0	0	0	0			
Mod. 34	344,907	17,616	362,523	264,382			
Mod. 35	0	0	0	0			
Mod. 36	71,234	3,098	74,332	0			
Mod. 37	303,302	12,518	315,820	250,000			
Mod. 38	21,853	1,046	22,899	40,000			
Mod. 39	3,938	237	4,175	0			
Mod. 40	0	0	0	420,000			
Mod. 41	199,302	8,757	208,059	143,783			
Mod. 42	13,560	590	14,150	25,000			
Mod. 43	0	0	0	130,000			
Mod. 44	0	0	0	0			
Mod. 45	0	0	0	0			
Mod. 46	1,087,799	47,287	1,135,086	6,000			
Mod. 47	0	0	0	0			
Mod. 48	0	0	0	245,000			
Mod. 49	422,395	25,189	447,584	0			
Mod. 50	11,412	312	11,724	0			
Mod. 51	5,107,315	295,376	5,402,691	0			
Total	\$16,331,764	\$892,344	\$17,224,108	\$8,943,458			

CONTRACT TABULATION

Funding includes \$8,448,421 for cost and \$495,037 for fee.

Page 2 of 2 NAS1-20650 Modification No. 51

								ОМ		2700-0042
		TION			۰T		1. CONTRACT	D CODE	PAGE (OF PAGES
AMENDMENT OF SOLICITATION/MODIFICATION OF CONT						I/PURCHASE R	EQ. NO.	5. PROJEC	· ·	
Z. AMEI	52		DEC 1 2 1997			GM.4171				· ,
6. ISSU	ED BY	CODE		7. ADMINIST	ER	ED BY (If other	than Item 6)	CODE	L	
La	ational Aeronautics and S Ingley Research Center ampton, VA 23681-0001		Administration							
8. NAM	E AND ADDRESS OF CONTRACT	OR (N	o., street, county, State, and Zip Co	de) (x))	9A. AMEND	MENT OF SOL	CITATION N	D .	
N	CI Information Systems,	Inc.								
82	60 Greensboro Drive, Su	iite 4	00			9B. DATED	(SEE ITEM 11)			
Μ	cLean, VA 22102									
				1		10A. MODIF	ICATION OF C	ONTRACT/O	RDER NO	
				x			-20650			
						10B. DATE	O (SEE ITEM 13	1)		
CODE		-	LITY CODE			2/1/96				
	11. TI		EM ONLY APPLIES TO A							
or (c) B RECEI YOUR telegrad	Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (<i>If required</i>) A5160 282-30-02-04 \$1,025,000 (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.									
(x)	A. THIS CHANGE ORDER IS ISSUED	PURSU	ANT TO: (Specify authority) THE CHAI	NGES SET FORT	тн	IN ITEM 14 ARE	EMADE IN THE C	ONTRACT OR	DER NO. IN	ITEM 10A.
x	B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR	NTRAC	CT/ORDER IS MODIFIED TO REFL ITEM 14, PURSUANT TO THE AU	ECT THE ADM THORITY OF F	MIN	NISTRATIVE (R 43.103(b)	CHANGES (suc .SECTION H,			office,
	C. THIS SUPPLEMENTAL AGREEME	NT IS E	NTERED INTO PURSUANT TO AUTHO	RITY OF:						
	D. OTHER (Specify type of modificatio	n and a	uthority							
	PORTANT: Contractor X is		is required to sign this doct				pies to the iss		feasible.)	
The	14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to provide incremental funding in the amount of \$1,025,000. Accordingly, the following changes are hereby made to the contract schedule:									
			(cont	tinued)						
	as provided herein, all terms and condition		document referenced in Item 9A or 10A	as heretofore ch	han	ged, remains ur	ichanged and in fu	Il force and effe	ct.	
15A. N	IAME AND TITLE OF SIGNER (Typ	e or pri	nt)	16A. NAME	AN	ID TITLE OF	CONTRACTING	OFFICER (7	ype or prir	nt)
					、	LI	SA M. HA	RVEY		

15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
		es Muta
	(Signature of Contracting Officer)	(1219)
30-	105 STAND	ARD FORM 30 (Rev. 10-83)
	Prescribed	t by GSA
	FAR (48 C	CFR) 53.243
	+ 7	
	30-	BY John Ham- (Signature of Contracting Officer) 30-105 STAND Prescriber

FILE COFY

A. Incremental Funding in the amount of \$1,025,000 is being provided as follows: funding for cost will be increased by \$955,300; funding for fee will be increased by \$69,700. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

- "B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$9,403,721. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through April 30, 1998.
- (b) An additional amount of \$564,737 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Total	\$16,331,764	\$892,344	\$17,224,108	\$9,968,458

CONTRACT TABULATION

Funding includes \$9,403,721 for cost and \$564,737 for fee.

Page 2 of 2 NAS1-20650 Modification No. 52

12/23/97	TUE	08:52	FAX	703	903	9750
		+75	7865	856		

NCI Info Systems

608 P02 DEC 18 '97 18:13

·				1 CONTRACT		PAGE C	F PAGES
MENDMENT OF SOLICITATION	N/MODIFICATION OF C	ONTRACT				1	1
AMENDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4. REQUISITIO	NPURCHASE	RED NO	5. PROJEC	T NO (H opp	licab/A)
53	JAN 0.5 1999	7 ADMINISTER	n/a	(health an A)	CODE		
ISSUED BY CODE	L					L	
National Aeronautics and Space Langley Research Center Hampton, VA 23581-0001	e Administration						
NAME AND ADDRESS OF CONTRACTOR (A	lo., street county, State, and Zip Co	20A) (X)	BA. AMEN	OMENT OF SOL	ICITATION N	0	
NCI Information Systems, Inc.			L				
8260 Greensboro Drive, Suite			98. DATE	S (SEE ITEM 11)		
McLean, VA 22102		1	}				
transmith the second			IDA. MOD	FICATION OF	CONTRACTIC	DRDER NO	
		ł					
		×	1	1-20650			
			108. DAT	ED (SEE ITEM 1	(3)		
CODE FAI	CILITY CODE		2/1/	98			
The above numbered solicitation is amended Offers must acknowledge resaipt of this amender (a) By completing items 8 and 15, and returning	ITEM ONLY APPLIES TO ad as set forth in Item 14. The hour sets prior to the hour and date speci- copies of the amendment (D)	and date specifie fied in the solicita By acknowledge	TS OF SO of for receipt of tion or as arr- ing receipt of t mbers FAILL	LICITATION of Offers III anded, by one of his amendment (DRE OF YOUR A	s extanded, I the following on each copy ACKNOVVLED	methods: of the offer GEMENT	
The above numbered solicitation is amended Offers must acknowledge result of this amender (a) By completing items 8 and 15, and returning or (c) By ceparate letter or telegram which includ RECERVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment you telegram or letter makes reference to the solicital iteration or letter makes reference to the solicital iteration of the makes reference to the solicital iteration of the solicita	ITEM ONLY APPLIES TO A solution of the second seco	and date specifie fied in the solicita By ecknowledge a amendment nur R TO THE HOU submitted, such alved prior to the IFFICATIONS ER NO. AS I ANGES SET FORT	TS OF SO of for receipt of the moders. FAILL R AND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 144 AINISTRATIV	LICITATION of Oriers I I anded, by one of his amendment i RE OF YOUR A SPECIFIED MA bo made by teleg and date specif RACTS/ORI I IN ITEM 1 GE MADE IN THE E CHANGES (si	s extended, I the following on math copy ACKNOWLED LY RESULT If gram or letter, led DERS, 4. CONTRACT O	methods: of the offer GEMENT T N REJECTI provided e RDER NO T	SUBMITTE O BE ON OF ach
The above numbered solicitation is amended offers must acknowledge result of this amender (a) By completing items 8 and 15, and returning or (c) By ceparate letter or beigram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment yr vietagram or letter makes relearned to the solicital 12 ACCOUNTING AND APPROPRIATION DATA (if m 13. THIS ITEM IT MODIFI (x) A THIS CHANGE ORDER IS ISSUED PURI- B. THE ABOVE NUMBERED CONTR appropriation date, atc.) SET FORTH 1	ITEM ONLY APPLIES TO A sol as set forth in litem 14. The hour went prior to the hour and data speci- copies of the armendment (b) as a reference to the soficiation and a THE RECEIPT OF OFFERS PRIO to desire to change an offer erready tion and this amendment, and is rec requery) A APPLIES ONLY TO MOD IES THE CONTRACT/ORD SUANT TO: (Specify authority) THE CH ACT/ORCER IS MODIFIED TO RE N ITEM 14, PURSUANT TO THE A	and date specifie fied in the solicita [By ecknowledg] 2 amendment nui- 3 ubmitted, such aived prior to the DiffiCATIONS ER NO. AS [ANGES SET FORT FLECT THE ACM UTHORITY OF F	TS OF SO of for receipt of the moders. FAILL R AND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 144 AINISTRATIV	LICITATION of Oriers I I anded, by one of his amendment i RE OF YOUR A SPECIFIED MA bo made by teleg and date specif RACTS/ORI I IN ITEM 1 GE MADE IN THE E CHANGES (si	s extended, i the following on mach copy ACKNOWLED LY RESULT If gram or letter. led DERS, 4. CONTRACT O LUCH us change	methods: of the offer GEMENT T N REJECTI provided e RDER NO T	ON OF
The above numbered solicitation is amended There must acknowledge result of this amender a) By completing items 8 and 15, and returning or (c) By caparate letter or begram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by write of this amendment yr sitegram or inter makes reference to the solicital 12 ACCOUNTING AND APPROPRIATION DATA (if m 13. THIS ITEM IT MODIFI (x) A THIS CHANGE ORDER IS ISSUED PURK B. THE ABOVE NUMBERED CONTR appropriation date, atc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT IS	ITEM ONLY APPLIES TO A sol as set forth in litem 14. The hour went prior to the hour and data speci- copies of the armendment (b) as a reference to the soficiation and a THE RECEIPT OF OFFERS PRIO to desire to change an offer erready tion and this amendment, and is rec requery) A APPLIES ONLY TO MOD IES THE CONTRACT/ORD SUANT TO. (Specify authority) THE CH ACT/ORCER IS MODIFIED TO RE IN ITEM 14, PURSUANT TO THE A SENTERED INTO PURSUANT TO AUTh	and date specifie fied in the solicita [By ecknowledg] 2 amendment nui- 3 ubmitted, such aived prior to the DiffiCATIONS ER NO. AS [ANGES SET FORT FLECT THE ACM UTHORITY OF F	TS OF SO of for receipt of the moders. FAILL R AND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 144 AINISTRATIV	LICITATION of Oriers I I anded, by one of his amendment i RE OF YOUR A SPECIFIED MA bo made by teleg and date specif RACTS/ORI I IN ITEM 1 GE MADE IN THE E CHANGES (si	s extended, i the following on mach copy ACKNOWLED LY RESULT If gram or letter. led DERS, 4. CONTRACT O LUCH us change	methods: of the offer GEMENT T N REJECTI provided e RDER NO T	SUBMITTE O BE ON OF ach
The above numbered solicitation is amended There must acknowledge result of this amender a) By completing items 8 and 15, and returning or (c) By caparate letter or beingram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment yr sitegram or letter makes relevance to the solicital 12 ACCOUNTING AND APPROPRIATION DATA (if m 13. THIS ITEM IT MODIFI (x) A THIS CHANGE ORDER IS ISSUED PURK B. THE ABOVE NUMBERED CONTR appropriation date, atc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT IS D. OTHER (Specify type of modification and	ITEM ONLY APPLIES TO A sol as set forth in litem 14. The hour went prior to the hour and data speci- copies of the armendment (b) as a reference to the soficiation and a THE RECEIPT OF OFFERS PRIO to desire to change an offer erready tion and this amendment, and is rec requery) A APPLIES ONLY TO MOD IES THE CONTRACT/ORD SUANT TO. (Specify authority) THE CH ACT/ORCER IS MODIFIED TO RE IN ITEM 14, PURSUANT TO THE A SENTERED INTO PURSUANT TO AUTh	and date specifie fied in the solicita [By ecknowledg] 2 amendment nui- 3 ubmitted, such aived prior to the DiffiCATIONS ER NO. AS [ANGES SET FORT FLECT THE ACM UTHORITY OF F	TS OF SO of for receipt of the moders. FAILL R AND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 144 AINISTRATIV	LICITATION of Oriers I I anded, by one of his amendment i RE OF YOUR A SPECIFIED MA bo made by teleg and date specif RACTS/ORI I IN ITEM 1 GE MADE IN THE E CHANGES (si	s extended, i the following on mach copy ACKNOWLED LY RESULT If gram or letter. led DERS, 4. CONTRACT O LUCH us change	methods: of the offer GEMENT T N REJECTI provided e RDER NO T	SUBMITTE O BE ON OF ach
The above numbered solicitation is amended There must acknowledge result of this amender a) By completing items 8 and 15, and returning, ar (c) By separate letter or telegram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment your selegram or letter makes references to the solicitar 12 ACCOUNTING AND APPROPRIATION DATA (If m 13. THIS ITEM 14. MODIFI (x) A THIS CHANGE ORDER IS ISSUED PURK (x) A THIS CHANGE ORDER IS ISSUED PURK B. THE ABOVE NUMBERED CONTR appropriation date, atc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT IS D. OTHER (Specify type of modification and x mutual agreement	ITEM ONLY APPLIES TO A sed as set forth in litem 14. The hour went prior to the hour and data speci- copies of the armendment (b) as a reference to the soficiation and a THE RECEIPT OF OFFERS PRIC to desire to change an offer aready tion and this amendment, and is rec- ryunon) A APPLIES ONLY TO MOD IES THE CONTRACT/ORD SUANT TC. (Specy authority) THE CH CACT/ORCER IS MODIFIED TO RE IN ITEM 14, PURSUANT TO THE A TENTERED INTO PURSUANT TO AUTH	and date specifie fied in the solicita By ecknowledgi a amendment nui- submitted, such sived prior to the sived prior to the size of the solid size of the soli	TS OF SO to for receipt of the more receipt of the more receipt of the more receipt of the more receipt of the change may opening hour OF CONT DESCRIBE N IN ITEM 144 MINISTRATIV AR 43, 103(b)	LICITATION of Offers I I anded, by one of his amendment of SPECIFIED MA be made by tale and date specif RACTS/ORI O IN ITEM 1 GE MADE IN THE E CHANGES (SI SECTION H	s extended, the following on mach copy ACKNOWLED CCNNOWLED AT RESULT If grow or letter, led. DERS, 4. CONTRACT O UCA is change 4. H-3. OPTIO	RCER NO II	SUBMITTE O BE ON OF ach
The above numbered solicitation is amende There must acknowledge result of this amender a) By completing items 8 and 15, and returning, ar (c) By caparatio letter or telegram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment your lettegram or letter makes references to the solicitation (a) A THIS CHANGE ORDER IS ISSUED PURI- (a) A THIS CHANGE ORDER IS ISSUED PURI- B. THE ABOVE NUMBERED CONTR appropriation date, atc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT IS D. OTHER (Specify type of modification and x mutual agreement	ITEM ONLY APPLIES TO A solution of the second seco	and date specifie fied in the solicita I By ecknowledgi a mendment nu R TO THE HOU submitted, such sived prior to the sived prior to the site of the solid FLECT THE ADA UTHORITY OF IDRITY OF	TS OF SO of for receipt of the moders. FAILL R AND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 144 MINISTRATIV CAR 43, 103(b)	LICITATION of Orfers I I anded, by one of his armendment of RE OF YOUR A is SPECIFIED MA bo made by teleg and date specif RACTS/ORI ID IN ITEM 1 GE MADE IN THE E CHANGES (si SECTION H	s extended, I the following on mach copy ICKNOWLED IY RESULT IN gram or letter, led. DERS, 4. CONTRACT O UCD as change 4. H-3, OPTIO assuing office	RCER NO 11	SUDMITTE O BE ON OF ach
The above numbered solicitation is amended There must acknowledge result of this amender a) By completing items 8 and 15, and returning, ar (c) By separate letter or telegram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment your lettegram or letter makes relevance to the solicitar 12 ACCOUNTING AND APPROPRIATION DATA (I/m 13. THIS ITEM 14. A THIS CHANGE ORDER IS ISSUED PURK B. THE ABOVE NUMBERED CONTR appropriation date, drc) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT IS D. OTHER (Specify type of modification and THULUAL AGREEMENT: E. IMPORTANT: Contractor is not, 14. DESCRIPTION OF AMENDMENT/MODIFI	ITEM ONLY APPLIES TO A sed as set forth in litem 14. The hour sent prior to the hour and data speci- copies of the armendment (b) as a reference to the soficiation and a THE RECEIPT OF OFFERS PRIC bu desire to change an offer stready iden and this amendment, and is rec squirent) A APPLIES ONLY TO MOD IES THE CONTRACT/ORD SUANT TO: (Specy authority) THE CH ACT/ORDER IS MODIFIED TO RE IN ITEM 14, PURSUANT TO THE A DENTERED INTO PURSUANT TO AUTH I authority is required to sign this doc CATION (Organized by UCF socies)	and date specifie fied in the solicita Expecting in the solicita a mendment nuis submitted, such sived prior to the sived prior to the size of the solicita size of the so	TS OF SO Is of for receipt of the more receipt of the more services of the more serv	LICITATION of Offers I I anded, by one of his amendment of SPECIFIED MA be made by tale and date specif RACTS/ORI O IN ITEM 1 GE MADE IN THE E CHANGES (si SECTION H SECTION H	s extended, I the following on mach copy LCKNOWLED LCKNOWLED LCKNOWLED LCKNOWLED LCKNOWLED LCKNOWLED DERS, 4. CONTRACT O LCA BS Change LCA BS C	methods: of the offer GEMENT T N REJECTI provided e RCER NO T RCER NO T NS m in paying NS	
The above numbered solicitation is amende Offers must acknowledge result of this amender (a) By completing items 8 and 15, and returning, ar (c) By capacitis letter or telegram which includ RECEIVED AT THE PLACE DESIGNATED FOR YOUR OFFER. If by virtue of this amendment your telegram or letter makes references to the solicitation 12. ACCOUNTING AND APPROPRIATION DATA (If m 13. THIS ITEM 14. THIS CHANGE ORDER IS ISSUED PURK (x) A THIS CHANGE ORDER IS ISSUED PURK (x) A THIS CHANGE ORDER IS ISSUED PURK B. THE ABOVE NUMBERED CONTR appropriation date, atc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT IS D. OTHER (Specify type of modification and x mutual agreement	ITEM ONLY APPLIES TO A sed as set forth in Item 14. The hour sent prior to the hour and data special copies of the amendment (b) as a reference to the soficiation and a THE RECEIPT OF OFFERS PRIC put desire to change an offer stready iton and this amendment, and is rec squrent) APPLIES ONLY TO MOD IES THE CONTRACT/ORD SUANT TO: (Specify authority) THE CH ACT/ORDER IS MODIFIED TO RE IN ITEM 14, PURSUANT TO THE A SENTERED INTO PURSUANT TO AUTHOR I authority I authority I is required to sign this door CATION (Organized by UCF sociol On is to Update Section	and date specifie fied in the solicita I By ecknowledgi 2 amendment nur 3 RTO THE HOU 3 submitted, such aived prior to the aived prior to the aived prior to the aived prior to the submitted, such aived prior to the submitted, such andes set FORT FLECT THE ADA UTHORITY OF F solitity OF ument and return in headings, inclu-	TS OF SO Is of for receipt of the more receipt of the more services of the more serv	LICITATION of Offers I I anded, by one of his amendment of SPECIFIED MA be made by tale and date specif RACTS/ORI O IN ITEM 1 GE MADE IN THE E CHANGES (si SECTION H SECTION H	s extended, I the following on mach copy LCKNOWLED LCKNOWLED LCKNOWLED LCKNOWLED LCKNOWLED LCKNOWLED DERS, 4. CONTRACT O LCA BS Change LCA BS C	methods: of the offer GEMENT T N REJECTI provided e RCER NO T RCER NO T NS m in paying NS	SUDMITTE O BE ON OF ach

Observance of Legal Holidays (AUG 1992), to add Alternate I. Alternate II also remains.

B. All other terms and conditions remain unchanged.

• -	ntinued)
Escopt as provided herein, all terms and concrucine of the Scourners referenced in them SA or 10 15A, NAME AND TITLE OF SIGNER (Type or print)	As an herendrote changed, remains unchanged and in hill force and effect
LENWOOD O. TRAMMELLE, SR VP/GM	LISA M. HARVEY
TER CONTRACTOR DETEROR 15C. DATE SIGNED 12/22/97 Signature of person subactizes (gn)	189. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)
NSN 754U01-152-0070 PREVIOUS EDITION UNUSABLE	G-105 STANDARD FORM 30 (Rov. 12-83) Prescribed by G3A FAR (49 CFR) 53 243
FILE CO	• •

		····•			B Approval #:	
AMENDMENT OF SOLICITA		CONTRACT	1. CONTRACT	ID CODE	PAGE O	F PAGES
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCI	HASE REQ. NO.	5. PROJEC	T NO. (If app	
54	JAN 15 1998	n/	'a			
LISSUED BY C		7. ADMINISTERED BY (If other than Item 6)	CODE	L	
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001						
B. NAME AND ADDRESS OF CONTRACT	OR (No., street, county, State, and Zip	Code) (x) 9A. A	MENDMENT OF SO	LICITATION N	10.	
NCI Information Systems,	Inc.					
8260 Greensboro Drive, Su		9 B . D	ATED (SEE ITEM 1	1)		
McLean, VA 22102						
1110Doun, 111 22102		10A.	MODIFICATION OF	CONTRACT/C	ORDER NO.	
		1 x	NAS1-20650			
			DATED (SEE ITEM	13)		-
CODE	FACILITY CODE		2/1/96			
	IS ITEM ONLY APPLIES TO			S		
(a) By completing items of and ite and item or (c) By separate letter or telegram which in RECEIVED AT THE PLACE DESIGNATED YOUR OFFER. If by virtue of this amendment telegram or letter makes reference to the so 12. ACCOUNTING AND APPROPRIATION DATA	FOR THE RECEIPT OF OFFERS PR ent you desire to change an offer alread licitation and this amendment, and is re	IOR TO THE HOUR AND E by submitted, such change	DATE SPECIFIED MA may be made by tele	gram or letter,	I REJECTIO	
n/a						
13. THIS I	TEM APPLIES ONLY TO MO DIFIES THE CONTRACT/OR	DIFICATIONS OF CO	IBED IN ITEM 1	JERS, 4.		
(x) A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO: (Specify authority) THE C	HANGES SET FORTH IN ITEM	14 ARE MADE IN THE	CONTRACT OF	RDER NO. IN I	TEM 104
X B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR	NTRACT/ORDER IS MODIFIED TO RI TH IN ITEM 14, PURSUANT TO THE /	EFLECT THE ADMINISTRA AUTHORITY OF FAR 43.10	ATIVE CHANGES (si D3(b) .SECTION H	ich as change I, H-3, OPTIOI	s in paying o NS	office,
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUANT TO AUT	HORITY OF:				
D. OTHER (Specify type of modification	n and authority	<u></u>	· · · · · · · · · · · · · · · · · · ·			
E. IMPORTANT: Contractor X is	not, is required to sign this d	ocument and return	copies to the i	ssuing office) .	
14. DESCRIPTION OF AMENDMENT/MO	DIFICATION (Organized by UCF section	on headings, including solic	itation/contract subject	ct matter when	e feasible.)	
The purpose of this modific	ation is to update Exhibit	t E, Register of W	/age Determir	nations a	nd Fring	je
Benefits, with the most rece	ent version. Accordinaly	, the following cha	ange is hereb	y made:	-	
	0.7	-	-			
A. Exhibit E, dated June 20 Register of Wage Determin	0, 1995, is hereby delete ation dated July 2, 1997	d in its entirety ar	nd replaced w	ith the at	tached	

,

B. All other terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10 15A. NAME AND TITLE OF SIGNER (Type or print)		10A, as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (<i>Type or print</i>)			
			SA M. HARVEY		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AN	Harry	16C. DATE SIGNED	
(Signature of person authorized to sign)		. / (Signature of Contra	cting Officer)		
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		0-105	STANDARD FC Prescribed by GSA FAR (48 CFR) 53.24	DRM 30 (Rev. 10-83) 13	



U.S. DEPARTMENT OF LABOR REGISTER OF WAGE DETERMINATIONS UNDER EMPLOYMENT STANDARDS ADMINISTRATION THE SERVICE CONTRACT ACT WAGE AND HOUR DIVISION ection of the Sedre Lary of Labor WASHINGTON, D.C. 20210 Wage Determination No.: 94-2544 Revision No.: 14 William W. Gross Division of Wage Determinations Date of Last Revision: 07/02/1997 Director State(s): North Carolina, Virginia Area: NORTH CAROLINA COUNTIES OF CAMDEN, CHOWAN, CURRITUCK, GATES, PASQUOTANK, PERQUIMANS. VIRGINIA COUNTIES OF CHESAPEAKE, GLOUCESTER, HAMPTON, ISLE OF WIGHT, JAMES CITY, MATHEWS, NEWPORT NEWS, NORFOLK, PQQUOSON, PORTSMOUTH, SOUTHAMPTON, SUFFOLK, SURRY, VIRGINIA BEACH, WILLIAMSBURG, YORK.

> ** Fringe Benefits Required For All Occupations Included In This Wage Determination Follow The Occupational Listing **

OCCUPATION CODE AND TITLE

MINIMUM HOURLY WAGE

Page 1 of 10

ADMINISTRATIVE SUPPORT AND CLERICAL:

	~	< 7F
01011 Accounting Clerk I		6.75
01012 Accounting Clerk II	Ş	8.52
01013 Accounting Clerk III	Ş	10.60
01014 Accounting Clerk IV	Ş	11.50
01030 Court Reporter	Ş	10.80 11.50 10.81 9.23 9.29 9.01 9.29 9.28 7.34
01050 Dispatcher, Motor Vehicle	Ş	9.23
01060 Document Preparation Clerk	Ş	9.29
01070 Messenger (Courier)	Ş	9.01
01090 Duplicating Machine Operator	Ş	9.29
01110 Film/Tape Librarian	Ş	9.28
01115 General Clerk I	Ş	7.34
01116 General Clerk II	- P	9.03
01117 General Clerk III		11.23
01118 General Clerk IV		12.55
01120 Housing Referral Assistant	ş	11.98
01131 Key Entry Operator I	ş	7.78
01132 Key Entry Operator II	Ş	9.79
01191 Order Clerk I	Ş	7.78 9.79 7.40 9.68
01192 Order Clerk II	Ş	9.68
01261 Personnel Assistant	\$	8.85
(Employment) I ·		
01262 Personnel Assistant	Ş	10.23
(Employment) II		
01263 Personnel Assistant	Ş	10.80
(Employment) III		
01264 Personnel Assistant	\$	12.38
(Employment) IV		
01270 Production Control Clerk		11.98
01290 Rental Clerk	Ş	9.28
01300 Scheduler, Maintenance	\$	9.28
01311 Secretary I		9.28
01312 Secretary II		10.80
01313 Secretary III	\$	12.38
01314 Secretary IV		14.46
01315 Secretary V		15.18
01320 Service Order Dispatcher	\$	9.28
01341 Stenographer I		8.78
01342 Stenographer II	\$	9.86

01400 Supply Technician	\$ 11.50
01420 Survey Worker (Interviewer)	\$ 10.80
01460 Switchboard Operator-	\$ 8.08
Receptionist	
01510 Test Examiner	\$ 10.80
01520 Test Proctor	\$ 10.80
01531 Travel Clerk I	\$ 6.91
01532 Travel Clerk II	\$ 7.63
01533 Travel Clerk III	\$ 8.13
01611 Word Processor I	\$ 10.00
01612 Word Processor II	\$ 11.27
01613 Word Processor III	\$ 12.62

2 ij

AUTOMATIC DATA PROCESSING:

03010	Computer	Data Librarian	\$	8.26	
	-	Operator I	\$	9.25	
		Operator II	\$	10.70	
		Operator III	\$	13.25	
03044	Computer	Operator IV	-	15.34	
03045	Computer	Operator V		16.31	
03071	Computer	Programmer I 1/	-	13.38	
03072	Computer	Programmer II 1/		15.15	
03073	Computer	Programmer III 1/	•	18.05	
03074	Computer	Programmer IV 1/		21.52	
03101	Computer	Systems Analyst I 1/	-	17.62	
03102	Computer	Systems Analyst II 1/		20.28	
03103	Computer	Systems Analyst III 1/	\$	24.98	
		al Equipment Operator	\$	8.26	

AUTOMOTIVE SERVICE:

05005	Automobile Body Repairer,	\$ 16.22
	Fiberglass	
05010	Automotive Glass Installer	\$ 14.79
05040	Automotive Worker	\$ 14.79
	Electrician, Automotive	\$ 15.49
	Mobile Equipment Servicer	\$ 13.37
	Motor Equipment Metal Mechanic	\$ 16.22
	Motor Equipment Metal Worker	\$ 14.79
	Motor Vehicle Mechanic	\$ 16.22
	Motor Vehicle Mechanic Helper	\$ 12.61
	Motor Vehicle Upholstery	\$ 14.07
	Worker	
05280	Motor Vehicle Wrecker	\$ 14.79
	Painter, Automotive	s 15.49
	Radiator Repair Specialist	\$ 14.07
	Tire Repairer	\$ 13.37
	•	\$ 16.22
05400	Transmission Repair Specialist	Ş 10.22
		•
FOOD P	REPARATION AND SERVICE:	
07010	Baker	\$ 8.68
0/010	DAKEL	ų 0.00

	Baites		
07041	Cook I	\$	7.85
07042	Cook II	\$	8.68
07070	Dishwasher	\$.	6.05
07100	Food Service Worker	\$	6.05
	(Cafeteria Worker)		
07130	Meat Cutter	\$	8.68
07250	Waiter/Waitress	\$	6.58

WAGE DETERMINATION NO.:94-2544 (Rev. 14) ISSUE DATE:07/02/1997 Page 3 of 10

\$ 11.02 \$ 11.33

FURNITURE MAINTENANCE AND REPAIR:

1

09010 Electrostatic Spray Painter	\$ 15.49
09040 Furniture Handler	\$ 11.21
09070 Furniture Refinisher	\$ 15.49
09100 Furniture Refinisher Helper	\$ 12.61
09110 Furniture Repairer, Minor	\$ 14.07
09130 Upholsterer	\$ 15.49

GENERAL SERVICES AND SUPPORT:

13050 Library Technician 13071 Photographer I

11030	Cleaner, Vehicles	\$ 6.05
11060	Elevator Operator	\$ 6.05
11090	Gardener	\$ 7.75
11121	Housekeeping Aide I	\$ 5.93
11122	Housekeeping Aide II	\$ 6.49
11150	Janitor	\$ 6.05
11210	Laborer, Grounds Maintenance	\$ 6.58
11240	Maid or Houseman	\$ 5.52
11270	Pest Controller	\$ 8.25
11300	Refuse Collector	\$ 6.05
11330	Tractor Operator	\$ 7.38
11360	Window Cleaner	\$ 6.58

HEALTH:

HEALTH			
12020	Dental Assistant	Ś	10.05
	Emergency Medical Technician/		9.13
10010	Paramedic Ambulance Driver	Ŧ	2.20
12071	Licensed Practical Nurse I	\$	8.00
12072	Licensed Practical Nurse II		8.98
12073	Licensed Practical Nurse III	\$	10.05
12100	Medical Assistant	\$	8.98
12130	Medical Laboratory Technician	\$	8.98 8.98 8.98
12160	Medical Record Clerk	\$	8.98
	Medical Record Technician	Ś	12 45
12221	Nursing Assistant I	\$	6.52 7.33 8.00 8.98
	Nursing Assistant II	\$	7.33
	Nursing Assistant III	\$	8.00
	Nursing Assistant IV	\$	8.98
	Pharmacy Technician	Ş	11.20
	Phlebotomist	\$	8.98
	Registered Nurse I		12.45
	Registered Nurse II		15.23
12313	Registered Nurse II,	\$	15.23
	Specialist		
	Registered Nurse III		18.43
12315	Registered Nurse III,	Ş	18.43
	Anesthetist		
12316	Registered Nurse IV	Ş	22.09
INFORM	ATION AND ARTS:		
	Audiovisual Librarian		11.96
	Exhibits Specialist I		15.02
	Exhibits Specialist II		18.25
	Exhibits Specialist III		20.27
	Illustrator I		15.02
	Illustrator II	•	18.25
	Illustrator III	•	20.27
13047	Librarian	\$	13.75

i y	
WAGE DETERMINATION NO.:94-2544 (Rev. 14)	ISSUE DATE:07/02/1997 Page 4 of 10
13072 Photographer II	\$ 15.02
13072 Photographer II 13073 Photographer III	\$ 18.25
13073 Photographer III 13074 Photographer IV	\$ 20.27
13074 Photographer IV 13075 Photographer V	\$ 20.27 \$ 24.53
13073 Photographer V	ų 23.JJ
LAUNDRY, DRY CLEANING, PRESSING:	
15010 Assembler	\$ 5.49
15030 Counter Attendant	\$ 5.49
15040 Dry Cleaner	\$ 6.77 \$ 5.49
15070 Finisher, Flatwork, Machine	\$ 5.45 \$ 5.49
15090 Presser, Hand 15100 Presser, Machine, Dry Cleaning	\$ 5.49 \$ 5.49
15100 Presser, Machine, Diy cleaning 15130 Presser, Machine, Shirts	\$ 5.49
15160 Presser, Machine, Shirts	\$ 5.49
Apparel, Laundry	
15190 Sewing Machine Operator	\$ 7.22
15220 Tailor	\$ 7.67
15250 Washer, Machine	\$ 5.93
MACHINE TOOL OPERATION AND REPAIR:	
19010 Machine-tool Operator	\$ 15.49
(Toolroom)	
19040 Tool and Die Maker	\$ 17.84
MATERIALS HANDLING AND PACKING:	
21010 Fuel Distribution System	\$ 13.37
Operator 21020 Material Coordinator	\$ 12.19
21020 Material Coordinator 21030 Material Expediter	\$ 12.19
21030 Material Expediter 21040 Material Handling Laborer	\$ 7.44
21040 Material Mandring Laborer 21050 Order Filler	\$ 8.46
21071 Forklift Operator	\$ 9.05
21080 Production Line Worker	\$ 10.54
(Food Processing)	
21100 Shipping/Receiving Clerk	\$ 8.85
21130 Shipping Packer	\$ 8.85
21140 Store Worker I	\$ 8.40
21150 Stock Clerk (Shelf Stocker;	\$ 9.92
Store Worker II)	
21210 Tools and Parts Attendant	\$ 10.95
21400 Warehouse Specialist	\$ 10.54
MECHANICS AND MAINTENANCE AND REPAIR:	
23010 Aircraft Mechanic	\$ 16.22
23040 Aircraft Mechanic Helper	\$ 12.61
23050 Aircraft Quality Control	\$ 16.94
Inspector	
23060 Aircraft Servicer	\$ 14.07
23070 Aircraft Worker	\$ 14.79
23100 Appliance Mechanic	\$ 15.49
23120 Bicycle Repairer	\$ 13.37
23125 Cable Splicer	\$ 16.22
23130 Carpenter, Maintenance	\$ 15.49
23140 Carpet Layer	\$ 14.79 \$ 16.22
23160 Electrician, Maintenance	
23181 Electronics Technician, Maintenance I	\$ 13.99
23182 Electronics Technician,	\$ 14.31
Maintenance II	¥ 17.J1

. . . .

•••

.

23183	Electronics Technician,	\$	15	. 33	1
	Maintenance III	~	14	0.7	,
	Fabric Worker		16		
	Fire Alarm System Mechanic Fire Extinguisher Repairer		13		
	File Exclinguisher Repairer Fuel Distribution System		16		
23340	Mechanic	Ŷ	10		•
22370	General Maintenance Worker	Ś	14	. 79	,
	Heating, Refrigeration and Air		16		
	Conditioning Mechanic	•			
23430	Heavy Equipment Mechanic	\$	16	. 22	2
	Heavy Equipment Operator		16		
	Instrument Mechanic	\$	16	. 22	2
23470	Laborer	\$	9	. 68	3
	Locksmith		15		
	Machinery Maintenance Mechanic		16		
	Machinist, Maintenance		16		
	Maintenance Trades Helper	Ş	12 16	.6]	
	Millwright				
	Office Appliance Repairer		15 15		
	Painter, Aircraft Painter, Maintenance	ې د	15	. 41.2 A (ד ה
	Pipefitter, Maintenance		16		
	Plumber, Maintenance		15		
	Pneudraulic Systems Mechanic		16		
	Rigger		16		
	Scale Mechanic		14		
23890	Sheet-metal Worker,	\$	16	. 22	2
	Maintenance				
	Small Engine Mechanic		14		
	Telecommunications Mechanic I		16		
	Telecomunications Mechanic II		16		
	Telephone Lineman		16		
23960	Welder, Combination,	Ş	16	. 22	2
	Maintenance	~		~	~
	Well Driller Woodcraft Worker		16 16		
	Woodworker		13		
23960	MOODWOIKEL	Ŷ	10		'
PERSON	AL NEEDS:				
	Child Care Attendant	\$.3	
24580	Child Care Center Clerk	\$. 9	
	Chore Aide	\$. 9	
24630	Homemaker	\$	8	. 3	3
PLANT	AND SYSTEM OPERATION:				
25010	Boiler Tender	\$	16	. 2	2
	Sewage Plant Operator		15		
	Stationary Engineer		16		
	Ventilation Equipment Tender	\$	12	. 6	1
	Water Treatment Plant Operator .	\$	15	5.4	9
PROTRO	TIVE SERVICE:				
~ 1/4 1 19 6					
	Alarm Monitor		7		
	Corrections Officer		11		
) Court Security Officer		11		
	Detention Officer		11		
) Firefighter		11		
	. Guard I		e		
	2 Guard II Delige Officer	\$	12	7.2	
2/130) Police Officer	Ş	14	2	0

ر د)

e e a cara a cara a cara a

STEVEDORING/LONGSHOREMEN SERVICE OCCUPATIONS:

28010	Blocker and Bracer .	\$	12	. 3	3
28020	Hatch Tender		12		
28030	Line Handler		12		
28040	Stevedore I	\$	11	. 8	0
28050	Stevedore II		12		
TECHNIC	CAL:				
29010	Air Traffic Control 2/	Ş	23	. 9	6
	Specialist, Center				-
29011	Air Traffic Control 2/	Ş	16	. 5	3
	Specialist, Station	~	1 0		~
29012	Air Traffic Control 2/	Ş	18	. 4	U
20022	Specialist, Terminal	÷	11		÷
	Archeological Technician I	چ خ	12		.) E
	Archeological Technician II		15		
	Archeological Technician III Cartographic Technician		15		
	Computer Based Training		17		
29035	Specialist/Instructor	Ŷ	- '	. 0	2
29040	Civil Engineering Technician	¢	15	; ន	7
	Drafter I		10		
	Drafter II		11		
	Drafter III		14		
	Drafter IV		17		
	Engineering Technician I		11		
	Engineering Technician II		12		
	Engineering Technician III		15		
	Engineering Technician IV		18		
	Engineering Technician V		21		
	Engineering Technician VI		26		
	Environmental Technician		15		
29100	Flight Simulator/Instructor		20		
	(Pilot)				
	Graphic Artist		17		
	Instructor		15		
	Laboratory Technician		11		
	Mathematical Technician		15		
	Paralegal/Legal Assistant I		10		
	Paralegal/Legal Assistant II		13		
	Paralegal/Legal Assistant III		16		
	Paralegal/Legal Assistant IV		19		
	Photooptics Technician		15		
	Technical Writer .		19		
29491	Unexploded Ordnance	Ş	19	5. a	23
	Technician I	~	• •	.	
29492	Unexploded Ordnance	Ş	18	5.4	13
20402	Technician II	~	م .	. ,	~ ~
29493	Unexploded Ordnance Technician III	Ş	22	2.0	19
20404		÷	1!	e .	.
	Unexploded Safety Escort Unexploded Sweep Personnel		1		
	Weather Observer, Senior 3/		1:		
	Weather Observer, Senior 3/ Weather Observer, Combined 3/		1		
23021	Upper Air and Surface Programs	Ş	÷.	. (
29622	Weather Observer, Upper Air 3/	c	1	1 (RJ
20022	HEACHEI OBSEIVEL, OPPEL ALL 3/	Ş	±.	÷.,	
TRANSP	ORTATION/MOBILE EQUIPMENT				•
OPERAT	·				

OPERATION:

ممجرورة والحمولات المراود اليوان بالمراكحية فتتعجبون بالماد والراد المتر

31260 Parking and Lot Attendant	\$ 6.98
31290 Shuttle Bus Driver	\$ 9.01
31300 Taxi Driver	\$ 8.50
31361 Truckdriver, Light Truck	\$ 9.01
31362 Truckdriver, Medium Truck	\$ 9.42
31363 Truckdriver, Heavy Truck	\$ 10.50
36364 Truckdriver, Tractor-Trailer	\$ 10.50
36364 Truckdriver, Tractor-Trailer	\$ 10.50

j

MISCELLANEOUS:

99020	Animal Caretaker	\$	7.00
99030	Cashier	\$	5.93
99041	Carnival Equipment Operator	\$	7.38
99042	Carnival Equipment Repairer	\$	7.38 7.75
99043	Carnival Worker	\$	6.05
99050	Desk Clerk	\$	7.00
99095	Embalmer	\$	17.63
99300	Lifeguard	\$	5.36
99310	Mortician	\$	17.63
99350	Park Attendant (Aide)		6.73
99400	Photofinishing Worker (Photo		6.01
	Lab / Dark Room Technician)	•	•
99500	Recreation Specialist	\$	13.04
99510	Recycling Worker	\$	7.41 5.36
99610	Sales Clerk	\$	5.36
99620	School Crossing Guard (Cross-	\$	6.05
	walk Attendant)		
99630	Sports Official	\$	5.36
99658	Survey Party Chief	\$	7.85
99659	Surveying Technician	\$	7.50
	Surveying Aide	\$	5.36 7.85 7.50 4.91 8.68 7.41 8.68
99690	Swimming Pool Operator	\$	8.68
	Vending Machine Attendant	\$	7.41
	Vending Machine Repairer	\$	8.68
99740	Vending Machine Repairer	\$	7.41
	Helper		

** Fringe Benefits Required For All Occupations Included In This Wage Determination **

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: Minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with

WAGE DETERMINATION NO.:94-2544 (Rev. 14) ISSUE DATE:07/02/1997 Page 8 of 10

a plan communicated to the employees involved.) (See 29 CFR 4.174)

1/

Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

2/

APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3/

APPLICABLE TO WEATHER OBSERVERS ONLY - NIGHT PAY & SUNDAY PAY: If you work at night as a part of a regular tour of duty, you will earn a NIGHT DIFFERENTIAL and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employee (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$4.25 per week (or \$.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Source of Occupational Titles and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth WAGE DETERMINATION NO.:94-2544 (Rev. 14) ISSUE DATE:07/02/1997 Page 9 of 10

Edition, January 1993, as amended by the Second Supplement, dated August 1995, unless btherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

يجرب البلة المحاصلات الال

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi) } When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

WAGE DETERMINATION NO.: 94-2544 (Rev. 14) ISSUE DATE: 07/02/1997 Page 10 of 10

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage

NCI Info Systems

	ON/MODIFICATION OF	CONTRAC		1 CONTRACT	ID CODE	PAGE O	
AMENDMENTIMODIFICATION NO. 55	3 EFFECTIVE DATE	4. REQUISITION PURCHASE REG. NO. 5 PROJECT NO. HB.1257					(1040
National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001		7. AGMINISTE	₹£0 B¥ (¦I ahor	ihen liem 6)	CODE	L	
NAME AND ADDRESS OF CONTRACTOR	(No., etrout, county, State, and Zip C	ode) (x)	9A. AMEND	MENT OF SOL	ICITATION NO	o <u> </u>	
NCI Information Systems, In 8260 Greensboro Drive, Suite McLean, VA 22102				(SEE ITEM 11)			
		x	NAS1	-20850 (SEE ITEM 13		RDER NO	
	ACILITY CODE		2/1/9	_			
The above numbered solicitation is amon Mers must acknowledge receipt of this amond a) By completing items 3 and 15, and returning r (c) By secarate inter or telegram which inclu EVENUE at THE 1, acc rescalation of the second second second the second secon	ment prior to the hour and date species copies of the amendment; (b) das a reference to the solicitation and IR THE RECEIPT OF OFFERS PRIC	fed in the solicitat By acknowledgin I amendment num DR TO THE HOUR	on of as amen greceipt of Chi bern. FAILUR I ANO DATE S	ided, by one of t a amendment or E OF YOUR AC PECIFIED MAY made by Ialegr	n each copy of CKNOWLEDGI RESULT IN 1 am or letter, pr	the offer su EMENT TO	emitte BE
YOUR OFFER. It by virue of this amandment alogram or letter makes reference to the solid 2 ACCOUNTING AND APPROPRIATION DATA (II) A5598 283-10-25-80 \$28, 13. THIS ITE	ation and this amondmant, and is rea source) 000 complete MAPPLIES ONLY TO MOD 1ES THE CONTRACT/ORDI	FICATIONS	OF CONTR	ACTS/ORD	ERS,		
OUR OFFER. It by virue of this amandments Biggram or letter makes reference to the solid! 2 ACCOUNTING AND APPROPRIATION DATA (IT. A 5598 283-10-25-80 \$28, 13. THIS ITE IT MODIF (x) A THIS CHANGE ORDER IS ISSUED PUT B. THE ABOVE NUMBERED CONTE appropriation date. etc.) SET FORTH	ALCT/ORDER IS MODIFIED TO REF IN ITEM 14, PURSUANT TO THE AL	IFICATIONS ER NO. AS D INGES SET FORTH FLECT THE ADMI JTHORITY OF FA	OF CONTR ESCRIBED IN ITEM 14 ARE	ACTS/ORD IN ITEM 14 MADE IN THE C	ERS,	in peying of	ĒN 10
YOUR OFFER. If by virue of this amandments alegram or letter makes reforence to the solid 2 ACCOUNTING AND APPROPRIATION DATA (II) A 5598 283-10-25-80 \$28, 13. THIS ITE IT MODIF (x) A THIS CHANGE ORDER IS ISSUED PUT B. THE ABOVE NUMBERED CONT	ALCT / ORDER IS MODIFIED TO REF IN ITEM 14, PURSUANT TO AUTHO SENTERED INTO PURSUANT TO AUTHO	IFICATIONS ER NO. AS D INGES SET FORTH FLECT THE ADMI JTHORITY OF FA	OF CONTR ESCRIBED IN ITEM 14 ARE	ACTS/ORD IN ITEM 14 MADE IN THE C	ERS, ONTRACT ORC	in peying of	ÊM 10

The purpose of this modification is to decrease the estimated cost and award fee as a result of a definitized change order being cancelled. As a matter of convenience, incremental funding is also being provided. Accordingly, the following changes are hereby made:

Eacost an provided nerver, all terms and equidnens of the cool mant referenced in Item Sa or "SA. NAME AND TITLE OF SIGNER (Type or print)	10A as herectore changed, remains uncharged and in full force and anad 18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
LENWOOD O. TRAMMELCE, JR., SR VP/G	
iste contractorio de la contractoria de la contract	16B UNITED STATES OF AVERICA 16C DATE SIGNED BY USA Aurel 28 98
ASM 754001-152 BOTO PREVIOUS COLTION UNUSABLE	30-135 STANDARD FCRM 30 (Rev 10-13) Prescribert by GSA V AR (48 CFR) 53 743

FILE COPY

A. Section B, B.2, is revised to decrease cost by \$65,462 from \$16,331,764 to \$16,266,302 and the award fee available is decreased by \$3,287 from \$892,344 to \$889,057. Award fee available for the fourth period is \$172,141 and is revised as follows:

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$16,266,302 exclusive of the award fee of \$889,057 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$17,155,359.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000
August 1. 1996 - January 31, 1997	90,000
February 1, 1997 - July 31, 1997	155,772
August 1, 1997 - January 31, 1998	172,141
February 1, 1998 - July 31, 1998	147,688
August 1, 1998 - January 31, 1999	147,688"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Incremental Funding in the amount of \$28,000 is being provided as follows: funding for cost will be increased by \$26,320; funding for fee will be increased by \$1,680. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

- "B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$9,430,041. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through April 30, 1998.
- (b) An additional amount of \$566,417 is obligated under this contract for payment of fee."

CONTRACT TABULATION

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding	
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629	
Mod. 28	1,009,373	42,922	1,052,295	0	
Mod. 29	0	0	0	100,000	
Mod. 30	0	0	0	94,664	
Mod. 31	0	0	0	80,000	
Mod. 32	0	0	0	75,000	
Mod. 33	0	0	0	0	
Mod. 34	344,907	17,616	362,523	264,382	
Mod. 35	0	0	0	0	
Mod. 36	71,234	3,098	74,332	0	
Mod. 37	303,302	12,518	315,820	250,000	
Mod. 38	21,853	1,046	22,899	40,000	
Mod. 39	3,938	237	4,175	0	
Mod. 40	0	0	0	420,000	
			Page 2 of 3 NAS1-20650 Modification No. 55		

Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	, 0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	-65462	-3,287	-68749	28,000
Total	\$16,266,302	\$889,057	\$17,155,359	\$9,996,458

Funding includes \$9,430,041 for cost and \$566,417 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award			Modification	Completion
Number	Cost	Fee	CPAF	Funding	Definitized	Date
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	3/1/96
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	3/29/96
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
1001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	22,899	n/a	9/16/97
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	208,059	180,000	Mod. 41	10/28/97
HB002.02	13,560	590	14,150	14,150	n/a	9/30/97
AF006	61,669	3,071	64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	195,895	182,681	Mod. 26	8/18/97
GMG001.02	744,314	31,467	775,781	762,018	Mod. 26	9/15/97
GMG002	28,507	1413	29,920	275,000	Mod. 26	cancelled
HB002.03	11,412	312	11,724	58,902	n/a	2/23/98
Total	\$3,696,892	5162,692	\$3,859,583	\$4,013,400		

Page 3 of 3 NAS1-20650 Modification No. 55

		,						
					1. CONTRACT		Approval #: PAGE O	
AME	NDMENT OF SOLICITATIO	MODIFICATION OF C	ONTRAC	T		0000	1	3
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ON/PURCHASE	LREQ. NO.	5. PROJEC	T NO. (If appl	-
	56	FER S 1008		1.4181/HB				,
6. ISSU		FFR 78 1988		ERED BY (If other		CODE	T	
La	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	Administration						
8. NAM	E AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip Cod	(e) (x)	9A. AMENC	MENT OF SOL	CITATION N	Э.	
Ν	CI Information Systems, Inc.							
82	260 Greensboro Drive, Suite 4	00		9B. DATED	(SEE ITEM 11)			
Μ	cLean, VA 22102							
				10A. MODI	FICATION OF C	ONTRACT/O	RDER NO.	
			x	NAS	1-20650			
				10B. DATE	D (SEE ITEM 13	1)		
CODE	FAC	ILITY CODE		2/1/9	6			
	11. THIS I	EM ONLY APPLIES TO AN	IENDMEN	TS OF SOL	ICITATIONS			
Offers (a) By (c) or (c) B RECEI YOUR telegrat	he above numbered solicitation is amended nust acknowledge receipt of this amendme completing Items 8 and 15, and returning y separate letter or telegram which include: VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment you n or letter makes reference to the solicitatio COUNTING AND APPROPRIATION DATA (If requ M.4181/A5487/282-30-02-14	nt prior to the hour and date specified copies of the amendment; (b) B is a reference to the solicitation and a THE RECEIPT OF OFFERS PRIOR desire to change an offer already su in and this amendment, and is receiv dired)	d in the solicit y acknowledg mendment nu TO THE HOL ubmitted, such red prior to the	ation or as amer ing receipt of thi mbers. FAILUF IR AND DATE S change may be opening hour a	nded, by one of t s amendment or RE OF YOUR AC PECIFIED MAY a made by telegrand and date specifie	each copy o KNOWLEDG RESULT IN am or letter, p d	the offer su EMENT TO REJECTIOI rovided eac	ibmitted; BE N OF h
		APPLIES ONLY TO MODIF					<u> </u>	
		S THE CONTRACT/ORDER						
(x)	A. THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) THE CHAN	GES SET FORT	H IN ITEM 14 AR	E MADE IN THE C	ONTRACT ORE	DER NO. IN IT	EM 10A.
Х	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN				CHANGES (suc SECTION H.			fice,
	C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT TO AUTHOR	ITY OF:					
	D. OTHER (Specify type of modification and a	thority						
	PORTANT: Contractor X is not,				_ copies to the			
	purpose of this modification		-	-			-	
	ordingly, the following chang	-						

15A. NAME AND TITLE OF SIGNER (Type or print)			NAME AND TITLE OF CONTRACTING OFFI	CER (Type or print)
			LISA M. HARVE	ΕY
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. BY	UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	7	-	(Signature of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	3	0-105	STANDARD Prescribed by G FAR (48 CFR) 5	
	FILE CC.			

A. Incremental Funding in the amount of \$372,700 is being provided as follows: funding for cost will be increased by \$347,356; funding for fee will be increased by \$25,344. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 Contract Funding (NASA 18-52.232.81) (JUN 1990)

j

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$9,777,397. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through April 30, 1998.
- (b) An additional amount of \$591,761 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	-65462	-3,287	-68749	28,000
Mod. 56	0	0	0	372,700
Total	\$16,266,302	\$889,057	\$17,155,359	\$10,369,158

CONTRACT TABULATION

Funding includes \$9,777,397 for cost and \$591,761 for fee.

Page 2 of 3 NAS1-20650 Modification No. 56

Í

Modification JDD Completion Estimated Award Definitized Number Fee CPAF Funding Date Cost \$32,764 AF001.00 \$31,500 \$1,264 \$32,764 Mod. 5 3/1/96 GMG001.00 3,693 \$95,726 95,726 Mod. 8 92,033 3/29/96

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

GMG001.00	92,033	5,095	\$95,720	95,720	1000. 8	3/29/90
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	5/24/96
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	4/15/96
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	5/24/96
I001.00	10,460	420	\$10,880	10,880	Mod. 15	3/31/96
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	7/31/96
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	8/31/96
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	10/30/96
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	9/30/96
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	9/03/96
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	11/04/96
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	12/15/96
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	01/31/97
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	11/04/96
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	09/08/96
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	10/15/96
HA003	344,907	17,616	\$362,523	364,382	Mod. 34	10/24/97
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	7/11/97
GM003	303,302	12,518	\$315,820	250,000	n/a	8/27/97
HB002.01	21,853	1,046	\$22,899	22,899	n/a	9/16/97
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	208,059	180,000	Mod. 41	10/28/97
HB002.02	13,560	590	14,150	14,150	n/a	9/30/97
AF006	61,669	3,071	64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	195,895	182,681	Mod. 26	8/18/97
GMG001.02	744,314	31,467	775,781	762,018	Mod. 26	9/15/97
GMG002	28,507	1413	29,920	275,000	Mod. 26	cancelled
HB002.03	11,412	312	11,724	58,902	n/a	2/23/98
GM003.01	TBD			200,000	n/a	
HA003.01	TBD			172,700	n/a	
Total	\$3,696,892	\$162,692	\$3,859,583	\$4,386,100		

Page 3 of 3 NAS1-20650 Modification No. 56

					1. CONTRACT		B Approval #: PAGE OI	
MENDMENT OF SOLICIT	ATION/M	ODIFICATION OF CO	ONTRACT				1	PAG
AMENDMENT/MODIFICATION NO.		EFFECTIVE DATE		ON/PURCHASE	REQ. NO.	5. PROJEC	T NO. (If appl	
57		APR () 9 1998		n/a				
ISSUED BY	CODE		7. ADMINISTE	RED BY (If othe	r than Item 6)	CODE		
National Aeronautics and Langley Research Center Hampton, VA 23681-00	r	dministration						
NAME AND ADDRESS OF CONTRA	CTOR (No., s	street, county, State, and Zip C	ode) (x)	9A. AMEN	DMENT OF SOL		Ö.	<u> </u>
NCI Information System	s Inc							
-		н М		98 DATE) (SEE ITEM 11]		
8260 Greensboro Drive,	Suite 400	,				,		
McLean, VA 22102				104 100		ONTRACTIC		-
		-		IUA. MOD	FICATION OF (JUNI KAU I/U	NUEK NU.	
			x	NAS	1-20650			
				10B. DATE	D (SEE ITEM 1	3)		
ODE	FACILIT	YCODE		2/1/9	6			
11.	THIS ITE	MONLY APPLIES TO A	MENDMEN			S		
2. ACCOUNTING AND APPROPRIATION D/ n/a	e solicitation a ATA (If required	·	ived prior to the	opening hour a	and date specifie	ed.		
2. ACCOUNTING AND APPROPRIATION D/ n/a (x) A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED (appropriation date, etc.) SET F(E SOLICITATION A ATA (If required ED PURSUANT CONTRACT/(ORTH IN ITEL	nd this amendment, and is receiv TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU	NGES SET FORTI LECT THE ADM THORITY OF F/	Opening hour a	E MADE IN THE C	CONTRACT ORE	DER NO. IN IT	EM 10
A. THIS CHANGE ORDER IS ISSUE A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEM	E SOLICITATION A ATA (If required ED PURSUANT CONTRACT/ ORTH IN ITEL MENT IS ENTE COST REIT	nd this amendment, and is receiv TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHO DURSEMENT (AUG 198	NGES SET FORTI LECT THE ADM THORITY OF F/	IN ITEM 14 AR	E MADE IN THE C	CONTRACT ORE	DER NO. IN IT	EM 10
A CCOUNTING AND APPROPRIATION D/ n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN X 52.243-2, Changes, C D. OTHER (Specify type of modifical	E Solicitation a ATA (If required ED PURSUANT CONTRACT/C ORTH IN ITE MENT IS ENTE COST REIT abion and author	nd this amendment, and is receiv TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHO DURSEMENT (AUG 198 rity	NGES SET FORT NGES SET FORT LECT THE ADM THORITY OF F/ RITY OF: 7) Alternate	IN ITEM 14 AR INISTRATIVE AR 43.103(b). II (APR 1	E MADE IN THE C CHANGES (suc 984)	ed. CONTRACT ORE	DER NO. IN IT	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED (appropriation date, etc.) SET F(C. THIS SUPPLEMENTAL AGREE) S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor	E Solicitation a ATA (If required ED PURSUANT CONTRACT/C ORTH IN ITE MENT IS ENTE COST Reint abon and author is not	nd this amendment, and is received to the second se	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: -7) Alternate	HIN ITEM 14 AR INISTRATIVE AR 43.103(b). E II (APR 1 UM 3_ C	E MADE IN THE C CHANGES (suc 984)	contract ord	DER NO. IN IT	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED (appropriation date, etc.) SET F(C. THIS SUPPLEMENTAL AGREE) S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor	E Solicitation a ATA (If required ED PURSUAN CONTRACT/ ORTH IN ITEL MENT IS ENTE COST Reint stion and author is not X MODIFICATIO	nd this amendment, and is received in the second se	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: (7) Alternate ument and ret	INISTRATIVE AR 43.103(b). III (APR 1 III (APR 1 III (APR 1 III (APR 1	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject	contract ord	DER NO. IN IT	EM 10
ACCOUNTING AND APPROPRIATION D/ n/a A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED (appropriation date, etc.) SET F(C. THIS SUPPLEMENTAL AGREEN X 52.243-2, Changes, C D. OTHER (Specify type of modifical E. IMPORTANT: Contractor	ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE COST Reint stion and author is not is not MODIFICATIO dification d to reflect	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR Ibursement (AUG 198 rity is required to sign this doc DN (Organized by UCF section is are to (a) revise the S ct the consolidation of	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: 7) Alternate ument and ret headings, include tatement of the central	INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject s follows: nes which a	ed. CONTRACT ORE ch as changes ssuing office.	DER NO. IN IT in paying off	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREE S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor The purposes of this mod (1) Section 1.1, is revised	ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE COST Reint abon and author is not is not in the MODIFICATION dification d to reflect enter (MS d to reflect	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHO abursement (AUG 198 inty is required to sign this doc DN (Organized by UCF section is are to (a) revise the S of the consolidation of SFC) in lieu of Langle of the on-site move of	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: 7) Alternate ument and retu headings, includi tatement of the central y Research	t IN ITEM 14 AR INISTRATIVE AR 43.103(b). III (APR 1 UMM	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject s follows: nes which a aRC);	ed. CONTRACT ORE ch as changes suing office. matter where re now loc	DER NO. IN IT in paying off feasible.)	EM 10
A CCOUNTING AND APPROPRIATION D/ n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED (appropriation date, etc.) SET F(C. THIS SUPPLEMENTAL AGREED S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor A. DESCRIPTION OF AMENDMENT/M The purposes of this mode (1) Section 1.1, is revised Marshall Space Flight Ce (2) Section 2.1, is revised	ED PURSUANT ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE Cost Reint abon and author is not is MODIFICATIO dification d to reflect enter (MS d to reflect Sldg. 1152	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR Inbursement (AUG 198 inty is required to sign this doc DN (Organized by UCF section of are to (a) revise the S ct the consolidation of SFC) in lieu of Langle ct the on-site move of 2 to B-1268;	NGES SET FORTH LECT THE ADM THORITY OF F/ RITY OF: -7) Alternate ument and retu headings, includi tatement of the central y Research the Central	t IN ITEM 14 AR INISTRATIVE AR 43.103(b). III (APR 1 UM	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject s follows: ues which a aRC); and Admin	ed. CONTRACT ORE ch as changes ssuing office. matter where re now loc histrative (DER NO. IN IT in paying off feasible.) cated at Compute	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREED S2.243-2, Changes, C D. OTHER (Specify type of modification DESCRIPTION OF AMENDMENTAN The purposes of this mod (1) Section 1.1, is revised Marshall Space Flight Ce (2) Section 2.1, is revised Center (CBACC) from B (3) Section 3.4, is revised	ED PURSUANT CONTRACT/C CONTRACT/C CONTRACT/C CONTRACT/C CONTRINITE MENT IS ENTE COST Rein ation and author is not is not MODIFICATIO dification d to reflece enter (MS d to reflece Bldg. 1152 d to reflece	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR Ibursement (AUG 198 rity is required to sign this doc ON (Organized by UCF section of are to (a) revise the S of the consolidation of SFC) in lieu of Langle of the on-site move of 2 to B-1268; of the change in storage (cont	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: 7) Alternate ument and retu headings, include tatement of the central y Research the Central ge procedure tinued)	inistrative AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE AR 43.103(b). INISTRATIVE IN	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject is follows: nes which a aRC); and Admin ult of the co	ed. CONTRACT ORE ch as changes ssuing office. matter where re now loc nistrative C onsolidatio	feasible.) cated at Compute: con; and	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEF S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor IMPORTANT: Contractor (1) Section 1.1, is revised (2) Section 2.1, is revised (3) Section 3.4, is revised (3) Section 3.4, is revised	ED PURSUANT ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE Cost Reint abon and author is not is not MODIFICATIO dification d to reflect d to reflect Bldg. 1152 d to reflect sldg. 1152	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR Ibursement (AUG 198 rity is required to sign this doc ON (Organized by UCF section of are to (a) revise the S of the consolidation of SFC) in lieu of Langle of the on-site move of 2 to B-1268; of the change in storage (cont	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF 7) Alternate ument and retu headings, includi tatement of the central y Research the Central ge procedure tinued)	AR 43.103(b). HIN ITEM 14 AR INISTRATIVE AR 43.103(b). HI (APR 1 UMM <u>3</u> c ing solicitation Work, as mainfram Center (L Business es as a res nged, remains u	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject is follows: nes which a aRC); and Admin ult of the co	ed. CONTRACT ORE ch as changes ssuing office. matter where re now loc histrative C onsolidatio	per NO. IN IT in paying off feasible.) cated at Compute on; and	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREED S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor I. DESCRIPTION OF AMENDMENTIM The purposes of this mod (1) Section 1.1, is revised (2) Section 2.1, is revised (3) Section 3.4, is revised (4) Section 4.4 Sec	ED PURSUANT ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE Cost Reint abon and author is not is not MODIFICATIO dification d to reflect d to reflect Bldg. 1152 d to reflect sldg. 1152	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR INTO PURSUANT AUTHOR INTO	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: 7) Alternate ument and retu headings, includi tatement of the central y Research the Central ge procedure tinued) . as heretofore cha 16A. NAME A	opening hour a 1 IN ITEM 14 AR INISTRATIVE AR 43.103(b). 2 II (APR 1 um _3	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject s follows: ues which a aRC); and Admin ult of the co	ed. CONTRACT ORE ch as changes suing office. matter where re now loc histrative (onsolidatio S OFFICER (7)	per NO. IN IT in paying off feasible.) cated at Compute on; and ype or print)	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREED S2.243-2, Changes, C D. OTHER (Specify type of modifica IMPORTANT: Contractor I. DESCRIPTION OF AMENDMENTIM The purposes of this mod (1) Section 1.1, is revised (2) Section 2.1, is revised (3) Section 3.4, is revised (4) Section 4.4 Sec	ED PURSUANT ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE Cost Reint ation and author is not is not MODIFICATIO dification d to reflect Bldg. 1152 d to reflect Bldg. 1152	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR Inbursement (AUG 198 rity is required to sign this doc DN (Organized by UCF section is are to (a) revise the S of the consolidation of SFC) in lieu of Langle of the on-site move of 2 to B-1268; of the change in storage (continuent referenced in Item 9A or 10A	NGES SET FORTI LECT THE ADM THORITY OF F/ RITY OF: 7) Alternate ument and retu headings, includi tatement of the central y Research the Central ge procedure tinued) . as heretofore cha 16A. NAME A	opening hour a I IN ITEM 14 AR INISTRATIVE AR 43.103(b). II (APR 1 UIT <u>3</u> c ing solicitation Work, a: mainfram Center (L Business es as a res nged, remains u ND TITLE OF ROSEN	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject is follows: ues which a aRC); and Admin ult of the co nchanged and in fic CONTRACTING	ed. CONTRACT ORE ch as changes suing office. matter where re now loc histrative (onsolidatio	per NO. IN IT in paying off feasible.) cated at Compute on; and ype or print)	EM 10
A THIS CHANGE ORDER IS ISSUE A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED (appropriation date, etc.) SET F(C. THIS SUPPLEMENTAL AGREED S2.243-2, Changes, (D. OTHER (Specify type of modified DESCRIPTION OF AMENDMENTAL The purposes of this mod (1) Section 1.1, is revised Marshall Space Flight Ce (2) Section 2.1, is revised Center (CBACC) from B (3) Section 3.4, is revised Signer (T LENWOOD O. TRAMI	ED PURSUANT ED PURSUANT CONTRACT/C ORTH IN ITEL MENT IS ENTE Cost Reint ation and author is not is not MODIFICATIO dification d to reflect Bldg. 1152 d to reflect Bldg. 1152	nd this amendment, and is received TTO: (Specify authority) THE CHA DRDER IS MODIFIED TO REF M 14, PURSUANT TO THE AU RED INTO PURSUANT TO THE AU RED INTO PURSUANT TO AUTHOR Ibursement (AUG 198 rity is required to sign this doc DN (Organized by UCF section is are to (a) revise the S of the consolidation of SFC) in lieu of Langle of the on-site move of 2 to B-1268; of the change in storage (continuent referenced in Item 9A or 10A JR., SR VP/G; 15C. DATE SIGNED	NGES SET FORTH NGES SET FORTH LECT THE ADM THORITY OF F/ RITY OF 7) Alternate ument and retu headings, includi tatement of the central y Research the Central y Research the Central ge procedure tinued) as heretofore cha 16A. NAME A	opening hour a I IN ITEM 14 AR INISTRATIVE AR 43.103(b). II (APR 1 UIT <u>3</u> c ing solicitation Work, a: mainfram Center (L Business es as a res nged, remains u ND TITLE OF ROSEN	E MADE IN THE C CHANGES (suc 984) opies to the is contract subject s follows: and Admin aRC); and Admin ult of the co nchanged and in fi CONTRACTING MARY C. F MERICA	ed. CONTRACT ORE ch as changes suing office. matter where re now loc histrative (onsolidatio	DER NO. IN IT in paying off feasible.) cated at Compute on; and xype or print) CH SC. DATE SI y = 4/- 2	

----:

FILE COPY

(4) List of Attachments, Exhibits C-2 and C-3 are being revised to reflect the current inventory as a result of the MSFC consolidation as stated above. Exhibit D is revised to reflect the increased number of application portfolios that require management. At contract award, there were 51 programs listed. There are currently 67;

and (b) decrease the estimated cost (\$333,831) and award fee (\$13,353) of the contract as a full and complete equitable adjustment for the changes itemized above as well as the following changes made in previous modifications:

(1) Modification No. 27 which revised the SOW to reflect the deletion of the disaster recovery hot site: and

(2) Modification No. 35 which revised the SOW to reflect that supplies were to be ordered direct in lieu of being ordered from the NASA stockroom.

In addition, award fee is also decreased by \$121,149 which reflects the amount of unearned fee from previous periods which is no longer available. Accordingly, the following changes are hereby made:

Section B, B.2, is revised to decrease cost by \$333,831 from \$16,266,302 to \$15,932,471 Α. and the award fee available is decreased by \$134,502 from \$889,057 to \$754,555. In addition, the award fee earned for the fourth period is decreased by \$70,828 from \$172,141 to \$101,313. Award fee for the fifth period is increased by \$20,170 from \$147,688 to \$167,858.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

Α. The estimated cost of this contract is \$15,932,471 exclusive of the award fee of \$754,555 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$16,687,026.

Β. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	167,858
August 1, 1998 - January 31, 1999	143,612"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

> Page 2 of 5 NAS1-20650 Modification No. 57

B. Paragraph H.12, Options, Paragraphs A. and B. are deleted in their entirety and replaced with the following which reflects the revised contract values:

言則

"A. First through Fourth Option Periods

.

7

Item	First Option <u>Period</u>	Second Option Period	Third Option <u>Period</u>	Fourth Option <u>Period</u>
Period of Performance (Ref. F.1)	12 months	12 months	12 months	12 months
Estimated Cost (Ref. B.2.A)	\$5,606,904	\$4,903,510	\$4,975,391	\$4,301,707
Award Fee (Ref. B.2.A)	\$ 330,938	\$ 311,470	\$ 286,677	\$ 246,184
Award Fee Availability (Ref. B.2.B)				
2/1/97 - 7/30/97 8/1/97 - 1/31/98	\$ 188,244 \$ 142,694			
2/1/98 - 7/30/98 8/1/98 - 1/31/99		\$ 167,858 \$ 143,612		
2/1/99 - 7/30/99 8/1/99 - 1/31/00			\$ 143,339 \$ 143,339	
2/1/00 - 7/30/00 8/1/00 - 1/31/01				\$ 123,092 \$ 123,092

B. Fifth through Tenth Option Periods

Period of Performance (Ref. F.1)	Fifth Option <u>Period</u> 1 month	Sixth Option <u>Period</u> 1 month	Seventh Option <u>Period</u> 1 month	Eighth Option <u>Period</u> 1 month	Ninth Option <u>Period</u> 1 month	Tenth Option <u>Period</u> I month
Estimated Cost (Ref. B.2.A)	\$357,600	\$357,600	\$357,600	\$357,600	\$357,600	\$357,600
Fixed Fee (Ref. B.2.A)	\$ 18,663	\$ 18,663	\$ 18,663	\$ 18,663	\$ 18,663	\$ 18,663"

Page 3 of 5 NAS1-20650 Modification No. 57 C. Section J, List of Attachments, Exhibit A, Statement of Work, is revised as follows:

Section 1.1, Introduction, first sentence, is revised to delete the words "Management Information Systems Branch (MISB) to "Information Management Branch."

Section 1.1, second paragraph, second sentence, is deleted in its entirety and replaced with the following:

"BAMIS applications software runs on central mainframes (host based applications) located at Marshall Space Flight Center and on distributed computers both in the CBACC and located remotely (distributed applications).

Section 2.1, Facilities, first sentence is revised to deleted "The on-site CBACC (in Langley Bldg. 1152)..." to "The on-site CBACC (in Langley Bldg. 1268)..."

Section 3.4, Storage Media Libraries, is deleted in its entirety and replaced with the following:

"The Contractor shall manage the media libraries for all equipment resident in the on-site CBACC. This includes archival of media for backup purposes and providing off-site storage for the back-up media."

Section 5.0, Systems Administration, is revised to add the words "located at NASA Langley Research Center" to the end of the first sentence. In addition, change "Exhibit C" in the last sentence of the first paragraph to "Exhibit C-3."

Section 5.1, Operating System Software Maintenance, third paragraph, last line, is revised to read "listed in Exhibit C-3" rather than "listed in Exhibit C."

Section J, List of Attachments, is revised as follows:

Exhibit C-2, Hardware Maintenance Baseline, Exhibit C-3, Software Products Baseline, and Exhibit D, Langley Applications Portfolio, are hereby deleted in their entirety and are replaced by the attached Exhibits C-2 and C-3.

Page 4 of 5 NAS1-20650 Modification No. 57

CONTRACT TABULATION

·. •,

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907-	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	. 0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Total	\$15,932,471	\$754,555	\$16,687,026	\$10,369,158

Funding includes \$9,777,397 for cost and \$591,761 for fee.

Page 5 of 5 NAS1-20650 Modification No. 57

	OMB Approval #: 2700-0042							
AMENDMENT O	F SOLICITATION/	MODIFICATION OF			1. CONTRACT ID CC	DE	PAGE O 1	F PAGES
2. AMENDMENT/MODII		3. EFFECTIVE DATE	4. REC	UISIT	ION/PURCHASE REQ. I	NO. 5	PROJECT NO.	(If applicable)
6. ISSUED BY	CODE	511115	7. ADN	INIST	n/a ERED BY (If other than i	Item 6)	CODE	<u></u>
	ı						L	
National Aeron Langley Rese Hampton, VA		Administration						
8. NAME AND ADDRES	S OF CONTRACTOR (No	., street, county, State, and Zip C	iode)	(x)	9A. AMENDMENT OF	FSOLICITA	ATION NO.	
	tion Systems, Inc				9B. DATED (SEE ITE	AA 11)		
	8260 Greensboro Drive, Suite 400 McLean, VA 22102							
MCLean, VA 22102					10A. MODIFICATION	OF CONT	RACT/ORDER N	IO.
		х	NAS1-20650	0				
					10B. DATED (SEE IT	EM 13)		• ••••• ••
CODE		LITY CODE			2/1/96			
	11. THIS ITEN	I ONLY APPLIES TO A	AMEND	MEN	NTS OF SOLICIT	ATIONS	S	
		as set forth in Item 14. The hour		•	· •			not extended.
Offers must acknowledge	e receipt of this amendmer	t prior to the hour and date specif	fied in the s	solicita	ition or as amended, by o	one of the f	ollowing methods	5 :
or (c) By separate letter of RECEIVED AT THE PLA YOUR OFFER. If by virt telegram or letter makes	or telegram which includes ACE DESIGNATED FOR T ue of this amendment you	copies of the amendment; (b) a reference to the solicitation and HE RECEIPT OF OFFERS PRIC desire to change an offer already a and this amendment, and is reco (If required)	amendme R TO THE submitted	ent nui E HOU I, such	nbers. FAILURE OF YC R AND DATE SPECIFIE change may be made by	DUR ACKN ED MAY RE y telegram	OWLEDGEMEN SULT IN REJEC	T TO BE
	3. THIS ITEM AP	PLIES ONLY TO MOD	FICAT	IONS	OF CONTRAC	TS/ORD	DERS,	
		THE CONTRACT/ORD						
(X) A. THIS CHAN ORDER NO. IN		URSUANT TO: (Specify authorit)	y) THE CH	HANGI	ES SET FORTH IN ITEN	/ 14 ARE N	ADE IN THE CO	NTRACT
		T/ORDER IS MODIFIED TO REF TEM 14, PURSUANT TO THE AU				ES (such as	s changes in payii	ng office,
C. THIS SUPP	LEMENTAL AGREEMENT	IS ENTERED INTO PURSUAN	T TO AUT	HORIT	Y OF:			
	ecify type of modification a 76 Award Fee for	nd authority) Service Contracts (SEF	P 1993))	· · · · · · · · · · · · · · · · · · ·			
E. IMPORTANT: Co	ontractor X is not, is re	quired to sign this document	and retu	m	copies to the is	suing offi	ce.	
14. DESCRIPTION OF	AMENDMENT/MODIFICA	FION (Organized by UCF section	headings,	includ	ing solicitation/contract s	subject mat	ter where feasible)
	d as determined b	is revise the award fee y the Government. Acc						
Except as provided here effect.	in, all terms and conditions	of the document referenced in Ite	em 9A or 1	0A, as	heretofore changed, rer	mains unch	anged and in full	force and
15A. NAME AND TITLE	OF SIGNER (Type or prin	<i>t</i>)	LIS	SA N	ND TITLE OF CONTRAC 1. HARVEY RACTING OFFI		FICER (Type or p	rint)
15B. CONTRACTOR/O	FFEROR	15C. DATE SIGNED			STATES OF AMERICA	HI IM	16C. DAT	
(Signature of per	son authorized to sign)	<u> </u>	₽ ₩	YU (Sig	nature of Contracting Off	ficer)	<u>-} </u> -) 19 8
NSN 7540-01-152-8070 PREVIOUS EDITION U	NUSABLE	30-	105		S.		D FORM 30 (R v GSA	ev. 10-83)

,

 Officer)
 J
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y
 Y<

FALE COPS

1

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, the award fee available for the fourth award fee period is \$101,313 and is shown below:

"B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	\$90,000
February 1, 1997 - July 31, 1997	\$155,772
August 1, 1997 - January 31, 1998	\$101,313"

Page 2 of 2 NAS1-20650 Modification No. 58

		1					0	/IB Approval #	2700-0042
				~~		1. CONTRACT	ID CODE		F PAGES
	NDMENT OF SOLICITATION							1	8
2. AMEN		3. EFFECTIVE DATE	4. REC	UISITIC	N/PURCHASE		5. PROJEC	T NO. (If appli	icable)
-	59	APR 0 0 1009			GM.419				
6 ISSUE	ED BY CODE			AINISTEI	RED BY (If other	than Item 6)	CODE	L	<u> </u>
La	ational Aeronautics and Space Ingley Research Center ampton, VA 23681-0001	e Administration							
8 NAM	E AND ADDRESS OF CONTRACTOR (A	lo street county State and Zin Ci		(x)		MENT OF SOL	ICITATION N	0	
0. 11/11		o., sireer, county, state, and Lip of	200)					0.	
	CI Information Systems, Inc.								
82	60 Greensboro Drive, Suite 4	100			9B. DATED	(SEE ITEM 11)			
McLean, VA 22102									
Welloun, WY 22102					10A. MODI	FICATION OF C	ONTRACT/O	RDER NO.	
				x	NAS	1-20650			
					10B. DATE	D (SEE ITEM 13	3)		
CODE				-					
				<u> </u>	2/1/9				
	11. THIS I	TEM ONLY APPLIES TO A	AMEND	MEN	IS OF SOL	ICITATION	5		
Offers n (a) By c (c) By se RECEIN YOUR (or letter 12. ACC	he above numbered solicitation is amended nust acknowledge receipt of this amendmed completing Items 8 and 15, and returning eparate letter or telegram which includes a /ED AT THE PLACE DESIGNATED FOR DFFER. If by virtue of this amendment you makes reference to the solicitation and thi OUNTING AND APPROPRIATION DATA (If reg 5160/282-30-02-04/\$1,025,00	ent prior to the hour and date specific copies of the amendment; (b) reference to the solicitation and ar THE RECEIPT OF OFFERS PRIO u desire to change an offer already s amendment, and is received prior wired) 00 (Complete)	ed in the By ackno nendment R TO THE submitted to the op	solicitati wledgin numbe HOUF such c ening h	ion or as amer g receipt of thi rs. FAILURE t AND DATE s thange may be our and date s	nded, by one of t s amendment or OF YOUR ACKI SPECIFIED MAY e made by telegr pecified.	n each copy o NOWLEDGEM Y RESULT IN am or letter, p	rethods: If the offer su MENT TO BE REJECTION rovided eac	E N OF h telegram
(x)	A. THIS CHANGE ORDER IS ISSUED PURSU	JANT TO: (Specify authority) THE CHA	NGES SET	FORTH	IN ITEM 14 AR	E MADE IN THE C	ONTRACT ORE	DER NO. IN IT	EM 10A.
	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE AU	THORITY			CHANGES (suc	h as changes	in paying of	fice,
	C. THIS SUPPLEMENTAL AGREEMENT IS E								
X	52.243-2, Changes, Cost Re	eimbursement (AUG 198	87) Alto	ernate	e II (APR	1984)			
	D. OTHER (Specify type of modification and a	uthority							
E. IMP	PORTANT: Contractor is not	is required to sign this doc	ument a	nd retu	irn <u>3</u> ca	opies to the is	suing office.		
14. DE	SCRIPTION OF AMENDMENT/MODIFICA	ATION (Organized by UCF section	headings,	includir	ng solicitation/	contract subject	matter where	feasible.)	

,

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause as a result of the specification being changed. In addition, as a matter of convenience, incremental funding is also being added to the contract. Accordingly, the following changes are hereby made to the Contract Schedule.

(continued)							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICE	R (Type or print)				
CHARLES K. NARANG, P	RESIDENT	LISA M. HARVEY					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED				
C.Marang	04/08/98	BY MisiMithuney	V/9/98				
(Signature of person authorized to sign)	1	(Signature of Contracting Officer)					
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105 STANDARD/FC	ORM 30 (Rev. 10-83) FAR (48 CFR) 53.243				

A. Section B, B.2, is revised to increase cost by \$167,018 from \$15,932,471 to \$16,099,489 and the award fee available is increased by \$8,973 from \$754,555 to \$763,528. In addition, the award fee for the fifth period is increased by \$8,973 from \$167,858 to \$176,831.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$16,099,489 exclusive of the award fee of \$763,528 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$16,863,017.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	176,831
August 1, 1998 - January 31, 1999	143,612"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Incremental Funding in the amount of \$1,025,000 is being provided as follows: funding for cost will be increased by \$996,845; funding for fee will be increased by \$28,155. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$10,774,242. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through June 25, 1998.

(b) An additional amount of \$619,916 is obligated under this contract for payment of fee."

CONTRACT TABULATION

Ì

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Total	\$16,099,489	\$763,528	\$16,863,017	\$11,394,158

. .

Funding includes \$10,774,242 for cost and \$619,916 for fee.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

1

JDD	Estimated	Award	CD L D		Modification	Status
Number	Cost	Fee	CPAF	Funding	Definitized	
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
1001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	n/a	Complete
HB002.01	21,853	1,046	\$22,899	22,899	n/a	Complete
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	\$208,059	180,000	Mod. 41	Active
HB002.02	13,560	590	\$14,150	14,150	n/a	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	\$195,896	182,681	Mod. 26	Active
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	cancelled
HB002.03	11,412	312	\$11,724	58,902	n/a	Active
GM003.01	TBD			200,000	n/a	pending
HA003.01	167,018	8,973	\$175,991	174,559	n/a	Active
			\$ 0			
			\$ 0			
			\$ 0			
			\$ 0			
			\$ 0			
			\$ 0			
Total	\$3,863,910	\$171,665	\$4,035,575	\$4,191,550		

.

-

Page 4 of 8 NAS1-20650 Modification No. 59

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

1

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Bank Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
HB002.01	Management Information System for Lead Center	6-16-97
HB002.02	Management Information System for Lead Center	8-13-97
HB002.03	Management Information System for Lead Center	12-8-97
HA003.01	Bank Card Reconciliation System Phase II, Rev. 1	4-3-98

- -

.

Page 5 of 8 NAS1-20650 Modification No. 59

JOB DESCRIPTION DOCUMENT FOR BAMIS CONTRACT NAS1-20650

JDD # HA003.01	Title: Bank Card Reconciliation System
LaRC Point of Contact:	Jimmy H. Wilson, Head, X42077
	Financial Systems and Quality Management Office, FMD Mail Stop 136

Scope: This JDD provides the enhancements to the Bank Card Reconciliation System (BCRS) and the development of the on-line Buy Sheet that will link to BCRS. The prioritization of the enhancements/development is as follows:

1) BCRS Enhancements

2) On-line Buy Sheet

3) OP Buyer

General Requirements: Modify and implement BCRS as stated in the approved 1/29/98 Functional Requirement Document.

Specific Requirement: The contractor will schedule weekly meetings with the Bank Card Team. Meetings will include but not be limited to:

Effort expended on BCRS during the past week. Status must be shown as percentage complete to date for each milestone.

Problems encountered and the impacts of those problems

Decisions made by contractor that were not detailed in the JDD

Demonstration of conformance of the system to Functional Requirements (on-going review)

Demonstrate the prototype screens as they are developed (on-going review)

Provide copy of the testing checklist.

Milestones may be revised based on a phased implementation. The System Acceptance Testing (SAT) will be aligned with the phased implementation dates.

Metric:

- Delivery of the Training Plan document, which identifies the training, provides the proposed schedule, and is presented in the AIM standard format.
- Delivery of the updated User Guides, which document and explain the purpose and provide step-bystep instructions using, among other things, screen graphics.
- Providing training, which presents an overview of the system, presents the functionality of the online-system using the User Guide, allows time for questions and answers. These training sessions will demonstrate how to access and use the system enhancements and buy sheet module.

Page 6 of 8 NAS1-20650 Modification No. 59

- The performance of the system during acceptance testing will be demonstrated to be in conformance with the approved Functional Requirements.
- Completion of all work within the negotiated schedule.
- Completion of all work within the cost schedule.
- For any new development or enhancements, the on-line response time shall not exceed 3 sec 80% of the time and shall not exceed 4.5 sec 95% of the time. Response time is defined as the amount of that elapses from when the customer submits a call to the database and the response to that customer is fully and completely displayed on the customer's client machine.

Response time on a Web application is dependent upon a number of factors. Among them are:

- 1. The configuration of the client workstation.
- 2. The configuration of the server hosting the database.
- 3. The time required from depression of the [Enter] key on the workstation to the initiation of the submission of a call to the database.
- 4. Transmission of data from the workstation to the server hosting the database.
- 5. Database processing of the transaction.
- 6. Transmission of data from the server to the workstation.
- 7. Workstation screen repaint upon receipt of data from the server.

Not all of these factors are under the control of the Bank Card Reconciliation System. If a response time problem is encountered while using the system, it will be necessary to investigate all the potential sources for the delay and then take appropriate corrective action.

Milestones:

Begin Prototype Review of FRD 5.0 The first Prototype Review will demonstrate some, but not all, of the requirements listed in FRD 5.0.	February 27, 1998
Submit Draft Training Plan Document	June 8, 1998
Submit Final Training Plan Document	June 17, 1998
Submit Draft User Guide Document	July 13, 1998
Submit Final User Guide Document	July 24 , 1998
Submit Draft HTML Enhancement Document	July 13, 1998
Submit Final HTML Enhancement Document	July 24, 1998
Submit Draft System Documentation	September 14, 1998
Submit Final System Documentation	September 30, 1998

Page 7 of 8 NAS1-20650 Modification No. 59

Bank Card Reconciliation System installed and available for acceptance testing	July 13, 1998
Complete Training Overview Sessions	July 31, 1998
Bank Card Reconciliation System installed and available for production use*	August 3, 1998
Conduct OP Buyer Training	August 17 - 21, 1998
Update Training Video	September 30, 1998

*The production certification of the system may be delayed three (3) or more weeks if the system is developed on a Unix/AIX platform then moved and recompiled on a Sun/Solaris platform. The additional time will be needed to perform a complete integrated system test on the Sun/Solaris platform. The system will be unavailable to the cardholders and approving officials during this testing, so the reconciliation schedule must be taken into consideration.

									3 Approval #:	
AMENDME	NT OF SOLICITAT	'ION/	MODIFICATION OF CO	NTRA	СТ		1. CONTRACT	D CODE	PAGE O	F PAGES
2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITI							REQ. NO.	5. PROJEC	T NO. (If appl	icable)
	60		APR 0.9 1998			N/A				,
6. ISSUED BY			AFN 0.3 1330	7. ADMINISTERED BY (If other than Item 6) CODE						
									L	
Langley	Aeronautics and S Research Center n, VA 23681-0001	pace	Administration							
8. NAME AND	ADDRESS OF CONTRACTO	OR (No	, street, county, State, and Zip Coo	te)	(x)	9A. AMEN	DMENT OF SOLI	CITATION NO	D.	
						1				
NCI Inf	ormation Systems,	Inc								
	•		20		ł) (SEE ITEM 11)			
	reensboro Drive, Su	ite 40)0			30. DATEL				
McLean	n, VA 22102									
						10A. MOD	FICATION OF C	ONTRACT/OI	RDER NO.	
						a.				
							1-20650			
					×	1				
						10B. DATE	D (SEE ITEM 13)		
CODE		FACIL	ITY CODE			2/1/9	6			
	11. TH	IIS ITI	EM ONLY APPLIES TO A	MEND	IENT	S OF SOL	ICITATIONS			
extended. Offers (a) By completin or (c) By separa RECEIVED AT YOUR OFFER. telegram or lette 12. ACCOUNTING	s must acknowledge receipt of g Items 8 and 15, and return te letter or telegram which in THE PLACE DESIGNATED If by virtue of this amendme	of this a ning icludes FOR TI nt you o icitation	as set forth in Item 14. The hour a imendment prior to the hour and da copies of the amendment; (b) B a reference to the solicitation and a HE RECEIPT OF OFFERS PRIOR desire to change an offer already su and this amendment, and is received	te specifi y acknow mendme TO THE ubmitted,	ied in ti vledgin nt num HOUF such c	he solicitation ig receipt of th ibers. FAILUF RAND DATE change may b	or as amended, t is amendment on RE OF YOUR AC SPECIFIED MAY e made by telegra	each copy of KNOWLEDG RESULT IN Im or letter, p	the offer SL EMENT TO REJECTION	ethods: Ibmitted; BE N OF
N/A										
(x) A. THIS	CHANGE ORDER IS ISSUED F	PURSUA	NT TO: (Specify authority) THE CHAN	GES SET	FORTH	IN ITEM 14 AR	E MADE IN THE CO	ONTRACT ORD	ER NO. IN IT	EM 10A.
			T/ORDER IS MODIFIED TO REFLI TEM 14, PURSUANT TO THE AUT				CHANGES (suct	as changes	in paying of	lice,
			TERED INTO PURSUANT TO AUTHOR	ITY OF:						
, ,	ER (Specify type of modification		honty							
E. IMPORTA	NT: Contractor 🗌 is r	not 🖂	is required to sign this docu	ment an	d retu	ım <u>3</u> c	opies to the iss	uing office.		
14. DESCRIPT	ION OF AMENDMENT/MOD	DIFICAT	ION (Organized by UCF section he	eadings, i	includir	ng solicitation/	contract subject r	natter where i	easible.)	
The pur	pose of this modific	ation	is to incorporate ceiling	gs on i	ndire	ect rates.	Accordingly	, Section	H. will	be

1

revised as follows:

.

(
ent referenced in Item 9A or 10A	A, as heretofore changed, remains unchanged and in full force and	l effect.		
	16A. NAME AND TITLE OF CONTRACTING OFFICE	R (Type or print)		
RESIDENT	LISA M. HARVEY			
15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
04/08/98	BY Misa M Hawley	VICLOS		
	(Signature of Contracting Officer)	7 7 19 19 8		
30-	105 STANDARD F(Prescribed by GSA FAR (48 CFR) 53.24	DRM 30 (Rev. 10-83) 13		
	RESIDENT 15C. DATE SIGNED 04/08/98	RESIDENT LISA M. HARVEY 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 04/08/98 BY (Signature of Contracting Officer) 30-105 STANDARD FO Prescribed by GSA		

FIS CON

(continued)

.

A. Section H, Special Contract Requirements, is revised to add Paragraph H.13, Advanced Agreement on Indirect Rates (LaRC 52.231-90) (JUN 1988) as follows:

"H.13, Advanced Agreement on Indirect Rates (LaRC 52.231-90) (JUN 1988)

A. Notwithstanding the provisions of the Section I clause entitled "Allowable Cost and Payment," the Contractor will be reimbursed at the indirect ceiling rates specified below or the actual rates, whichever are less, for each of the Contractor's fiscal years applicable to this contract. The Contractor's fiscal year is January 1 through December 31. Any costs that are not reimbursed due to the ceilings shall be deemed unallowable costs. These unallowable costs shall not be recovered under this or any other Government contract.



B. The above rate ceilings are predicated upon the bases listed above and the accounting practices and accounting system in effect on January 1, 1996, January 1, 1997, and January 1 1998. If the Contractor changes its accounting practices or accounting system in any way, the Contractor will immediately notify the Government. Within 30 days of such change, the Contractor shall present to the Contracting Officer information that demonstrates that the change will not impact the allowable cost computed using the above rates or shall submit a proposal for adjustment of the ceilings so that the total costs allowable will not exceed the total costs that would have been allowable had the Contractor not changed its accounting practices or accounting system. In the event that the parties cannot agree on new ceilings using the Contractor's new accounting practices or system and the Contractor does not agree to return to the previous accounting practices and system, the Contracting Officer may equitably adjust the ceilings."

B. All other terms and conditions remain unchanged.

Page 2 of 2 NAS1-20650 Modification No. 60

Ì

		3				1. CONTRAC	T ID CODE	UMB T	Approval # PAGE	OF PAGES
MENDMENT OF SOLICIT			ONTRAC	т					1	4
AMENDMENT/MODIFICATION NO.		ÅPR 2 8 1998	4. REQU	ISITIO	n/purchase r n/a	EQ. NO.	5. PRO	DJECT	NO. (If ap	olicable)
ISSUED BY	CODE	<u> </u>	7. ADMIN	IISTEF	ED BY (If other i	han Item 6)	COD)E		
	_	······································	_							
National Aeronautics and	•	Administration								
Langley Research Center										
Hampton, VA 23681-000	01									
NAME AND ADDRESS OF CONTRA	CTOR (No.	, street, county, State, and Zip C	 Code)	(x)	9A. AMEND	MENT OF SC		N NO		
			ŕ	<u></u>						
NCI Information Systems	s, Inc.									
8260 Greensboro Drive, S	Suite 40	0			9B. DATED	(SEE ITEM 1	1)			
McLean, VA 22102										
					10A. MODIF	ICATION OF	CONTRAC	T/OR	DER NO	
				x	NAS1	-20650				
					10B. DATED	(SEE ITEM	13)			
DDE		ITY CODE			2/1/96					
11.	THIS ITE	M ONLY APPLIES TO A	AMENDM	ENT	S OF SOLI	CITATION	IS			
The above numbered solicitation is ended. Offers must acknowledge rece			•				is extende		is no	
CEIVED AT THE PLACE DESIGNATI DUR OFFER. If by virtue of this amend egram or letter makes reference to the	ED FOR TH dment you d solicitation	E RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is reco	R TO THE F submitted, s	IOUR uch c	AND DATE SI hange may be	PECIFIED M/	AY RESULT gram or lette			
ECEIVED AT THE PLACE DESIGNATIOUR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a	ED FOR TH dment you d solicitation ATA (If require ED PURSUA	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad)	OR TO THE F submitted, s eived prior to	OUR uch c the o	AND DATE SI hange may be pening hour ar	PECIFIED M/ made by tele ad date specif	AY RESULT gram or lette ied. CONTRACT	er, pro	R NO. IN	TEM 10A
ECEIVED AT THE PLACE DESIGNATION DUR OFFER. If by virtue of this amendegram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC	ED FOR TH dment you d solicitation ATA (If require ED PURSUAN CONTRACT ORTH IN ITI	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL	DR TO THE H submitted, s eived prior to ANGES SET F(FLECT THE / JTHORITY O	OUR uch c the o	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE	PECIFIED M/ made by tele ad date specif	AY RESULT gram or lette ied. CONTRACT	er, pro	R NO. IN	TEM 10A
CEIVED AT THE PLACE DESIGNATION OFFER. If by virtue of this amender and or letter makes reference to the ACCOUNTING AND APPROPRIATION DATA A A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C	ED FOR TH dment you d solicitation ATA (If require ED PURSUAN CONTRACT ORTH IN ITI	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL	DR TO THE H submitted, s eived prior to ANGES SET F(FLECT THE / JTHORITY O	OUR uch c the o	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE	PECIFIED M/ made by tele ad date specif	AY RESULT gram or lette ied. CONTRACT	er, pro	R NO. IN	TEM 104
ECEIVED AT THE PLACE DESIGNATIOUR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica	ED FOR TH dment you d solicitation ATA (If require ED PURSUAI CONTRACT ORTH IN ITI MENT IS ENT	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA /ORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO	DR TO THE H submitted, s eived prior to ANGES SET F(FLECT THE / JTHORITY O	OUR uch c the o	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE	PECIFIED M/ made by tele ad date specif	AY RESULT gram or lette ied. CONTRACT	er, pro	R NO. IN	TEM 10A
CEIVED AT THE PLACE DESIGNATION DUR OFFER. If by virtue of this amendegram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA (ORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty	DR TO THE H submitted, s eived prior to ANGES SET FO ELECT THE A JTHORITY OF:	ORTH	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su	AY RESULT gram or lette ied. CONTRACT uch as chang	or, pro	R NO. IN	TEM 104
ECEIVED AT THE PLACE DESIGNATION DUR OFFER. If by virtue of this amendlegram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement IMPORTANT: Contractor	ED FOR TH dment you d e solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA (ORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc	DR TO THE H submitted, s eived prior to ANGES SET FO ELECT THE A JTHORITY OF: DRITY OF: Curment and	IOUR uch ci the o DRTH DRTH	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su	AY RESULT gram or lette ied. CONTRACT uch as chang	ORDE	R NO. IN	TEM 10A
ECEIVED AT THE PLACE DESIGNATION DUR OFFER. If by virtue of this amender of the amender	ED FOR TH dment you d solicitation ATA (If require ED PURSUAN CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not MODIFICATI	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section	DR TO THE H submitted, s eived prior to ANGES SET FO FLECT THE A JTHORITY OF: DRITY OF: curment and headings, in	ORTH	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	PECIFIED M/ made by tele d date specif MADE IN THE CHANGES (su pies to the i pontract subject	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi	ORDE ges ir icce.	R NO. IN a paying o	TEM 104
ECEIVED AT THE PLACE DESIGNATION OFFER. If by virtue of this amendegram or letter makes reference to the ACCOUNTING AND APPROPRIATION DANA X A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED Cappropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica TMPORTANT: Contractor DESCRIPTION OF AMENDMENT/M he purpose of this modifica	ED FOR TH dment you d solicitation ATA (If require ED PURSUAI ED PURSUAI CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not MODIFICATI ation is t	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA /ORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onity is required to sign this doc ION (Organized by UCF section to reallocate the Integr	ANGES SET FO ELECT THE A JTHORITY OF CUMENT and headings, inc rated Final	IOUR uch ci the o DRTH ADMII F FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro	AY RESULT gram or lette ied. CONTRACT uch as chang ssuing offi tr matter who ject (IFN	ORDE ges ir ice. ere fe	R NO. IN a paying o easible.) estima	TEM 104
ECEIVED AT THE PLACE DESIGNATION OFFER. If by virtue of this amendegram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement IMPORTANT: Contractor DESCRIPTION OF AMENDMENT/M he purpose of this modifica post and award fee amounts	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not is not MODIFICATI ation is t into futu	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA (ORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr ure option periods as a	ANGES SET FO Submitted, s eived prior to ANGES SET FO ELECT THE A UTHORITY OF DRITY OF: Curment and headings, ini- rated Fina result of	ORTH ADMIII F FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). rn <u>3</u> co g solicitation/cc al Manage IFMP pro	PECIFIED M/ made by televided at the specific of the specific	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi tr matter whi ject (IFN ng delay	ice. ice.	R NO. IN a paying o easible.) As an	nted
ECEIVED AT THE PLACE DESIGNATION OF FER. If by virtue of this amender of the amounts amounts amounts amount of the amounts amounts amount of the amounts	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not is not MODIFICATI ation is t into futu	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL TRED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr are option periods as a e purposes, the Statem	ANGES SET FO Submitted, s eived prior to ANGES SET FO FLECT THE A JTHORITY OF: Current and headings, inter rated Final result of went of W	ORTH ADMII PF FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). rn 3 co g solicitation/co al Manage IFMP pro is also rev	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro gram bei ised to do	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi issuing offi issuin	order, pro order ges ir ice. ere fe VIP) /ed. ctior	estima A san A san A san A san	ated n its
A THIS CHANGE ORDER IS ISSUE A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modifica THUAL AGREEM DESCRIPTION OF AMENDMENTAL DESCRIPTION OF AMENDME	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not is not MODIFICATI ation is t into futu	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL TRED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr are option periods as a e purposes, the Statem	ANGES SET FO Submitted, s eived prior to ANGES SET FO FLECT THE A JTHORITY OF: Current and headings, inter rated Final result of went of W	ORTH ADMII PF FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). rn 3 co g solicitation/co al Manage IFMP pro is also rev	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro gram bei ised to do	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi issuing offi issuin	order, pro order ges ir ice. ere fe VIP) /ed. ctior	estima A san A san A san A san	ated n its
ECEIVED AT THE PLACE DESIGNATION UR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modifica The agreement D. OTHER (Specify type of modifica The purpose of this modifica The purpose of this modifica The agreement of the set of the Evaluation of the Evaluation C. This supplement of the Evaluation C. THIS CONTRACTOR THE AGREEM D. OTHER (Specify type of modifica The purpose of this modifica The purpose of this modifica The purpose of this modifica The agreement of the Evaluation of the Evaluation The purpose of the Eva	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not is not MODIFICATI ation is t into futu	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL TRED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr are option periods as a e purposes, the Statem	ANGES SET FO Submitted, s eived prior to ANGES SET FO FLECT THE A JTHORITY OF: Current and headings, inter rated Final result of went of W	ORTH ADMII PF FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). rn 3 co g solicitation/co al Manage IFMP pro is also rev	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro gram bei ised to do	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi issuing offi issuin	order, pro order ges ir ice. ere fe VIP) /ed. ctior	estima A san A san A san A san	ated n its
ECEIVED AT THE PLACE DESIGNATION OFFER. If by virtue of this amender of the amounts of the amounts of the amount o	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not is not MODIFICATI ation is t into futu	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL TRED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr are option periods as a e purposes, the Statem	ANGES SET FO Submitted, s eived prior to ANGES SET FO FLECT THE A JTHORITY OF: Current and headings, inter rated Final result of went of W	ORTH ADMII PF FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). rn 3 co g solicitation/co al Manage IFMP pro is also rev	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro gram bei ised to do	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi issuing offi issuin	order, pro order ges ir ice. ere fe VIP) /ed. ctior	estima A san A san A san A san	ated n its
ECEIVED AT THE PLACE DESIGNATION UR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modifica The agreement D. OTHER (Specify type of modifica The purpose of this modifica The purpose of this modifica The agreement of the set of the Evaluation of the Evaluation C. This supplement of the Evaluation C. THIS CONTRACTOR THE AGREEM D. OTHER (Specify type of modifica The purpose of this modifica The purpose of this modifica The purpose of this modifica The agreement of the Evaluation of the Evaluation The purpose of the Eva	ED FOR TH dment you d solicitation ATA (If require ED PURSUAR CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not is not MODIFICATI ation is t into futu	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doo ION (Organized by UCF section to reallocate the Integr ure option periods as a e purposes, the Statem and Information Cent	ANGES SET FO ANGES SET FO ELECT THE A JTHORITY OF: CUIMENT and headings, ini- rated Fina result of Wer (EIC)	ORTH ADMII PF FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). rn 3 co g solicitation/co al Manage IFMP pro is also rev	PECIFIED M/ made by tele d date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro gram bei ised to do	AY RESULT gram or lette ied. CONTRACT uch as chang issuing offi issuing offi issuin	order, pro order ges ir ice. ere fe VIP) /ed. ctior	estima A san A san A san A san	ated n its
ECEIVED AT THE PLACE DESIGNATION OFFER. If by virtue of this amendegram or letter makes reference to the ACCOUNTING AND APPROPRIATION DANA A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement IMPORTANT: Contractor DESCRIPTION OF AMENDMENT/M he purpose of this modifica ost and award fee amounts nrelated action, but for com ntirety as a result of the Eva	ED FOR TH dment you d solicitation ATA (If require ED PURSUAI CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not ation ation is t into futu avenience valuation	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA CORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr Ire option periods as a e purposes, the Statem and Information Cent (CON	DR TO THE H submitted, s erved prior to ANGES SET FO FLECT THE A JTHORITY OF CORITY OF COUNTY OF	ORTH ADMII FFAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro- gram bei ised to data Accordin	AY RESULT gram or lette lied. CONTRACT Uch as change issuing offi at matter wh ject (IFN ng delay elete Secongly, the	orner orner ges ir ere fe MP) yed. ction ction	estima A paying of estima As an n 7.4 in lowing	ated n its
ECEIVED AT THE PLACE DESIGNATION FEETER If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement D. OTHER (Specify type of modifica mutual agreement D. DESCRIPTION OF AMENDMENT/M The purpose of this modifica oost and award fee amounts nrelated action, but for con ntirety as a result of the Eva hanges are hereby made:	ED FOR TH dment you d solicitation ATA (If require ED PURSUAI CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not ation is t into futu ivenience raluation	IE RECEIPT OF OFFERS PRIO esire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc ION (Organized by UCF section to reallocate the Integr ure option periods as a e purposes, the Statem and Information Cent (CON	DR TO THE H submitted, s erved prior to ANGES SET FO FLECT THE A JTHORITY OF DRITY OF: Current and headings, inv rated Fina result of thent of W er (EIC)	ORTH ADMII F FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b).	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro- gram bei ised to dat Accordin	AY RESULT gram or lette fied. CONTRACT Uch as change ssuing offit at matter whi ject (IFN ng delay elete Sec ngly, the full force and	orner orner ges ir ice. ere fe MP) ved. ction e fol	estima A paying of estima As an n 7.4 in lowing	ated
(x) A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica Mutual agreement	ED FOR TH dement you d solicitation ATA (If require ED PURSUAN ED PURSUAN CONTRACT ORTH IN ITI MENT IS ENT atton and auth is not atton atton is t into futu venience aluation	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc ion (Organized by UCF section to reallocate the Integr ure option periods as a e purposes, the Statem and Information Cent (CON	DR TO THE H submitted, s erved prior to ANGES SET FO FLECT THE A JTHORITY OF DRITY OF: Current and headings, inv rated Fina result of thent of W er (EIC)	ORTH ADMII F FAI	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). Trn <u>3</u> coo g solicitation/co al Manage IFMP pro is also rev ng closed.	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro- gram bei ised to dat Accordin	AY RESULT gram or lette fied. CONTRACT Uch as change ssuing offit at matter whi ject (IFN ng delay elete Sec ngly, the full force and	orner orner ges ir ice. ere fe MP) ved. ction e fol	estima A paying of estima As an n 7.4 in lowing	ated
ECEIVED AT THE PLACE DÉSIGNATI OUR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a (x) A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica MUTUAL agreement D. OTHER (Specify type of modifica MUTUAL agreement DESCRIPTION OF AMENDMENTATION The purpose of this modifica ost and award fee amounts nrelated action, but for con ntirety as a result of the Eva hanges are hereby made: C. THIS SUPPLEMENTAL AGREEN	ED FOR TH dement you d solicitation ATA (If require ED PURSUAN ED PURSUAN CONTRACT ORTH IN ITI MENT IS ENT atton and auth is not atton atton is t into futu venience aluation	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doc ion (Organized by UCF section to reallocate the Integr ure option periods as a e purposes, the Statem and Information Cent (CON	ANGES SET FOR ANGE ANGE ANGE ANGE ANGE ANGE ANGE ANGE	OUR uch ci inthe o DRTH ADMII ORTH ADMII F FAI I retu cludin includin includin includin includin inthe o Cork beir E AN Cork	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). Trn <u>3</u> coo g solicitation/co al Manage IFMP pro is also rev ng closed.	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro- gram bei ised to do Accordin	AY RESULT gram or lette fied. CONTRACT Uch as change ssuing offit at matter whi ject (IFN ng delay elete Sec ngly, the full force and	er, pro ORDE ges ir ice. ere fe MP) yed. ction ction ction ction ction	estima A paying of estima As an n 7.4 in lowing	ated n its
ECEIVED AT THE PLACE DÉSIGNATIOUR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a (x) A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement IMPORTANT: Contractor C. THIS modification of AMENDMENT/M The purpose of this modifications and award fee amounts nrelated action, but for con ntirety as a result of the Eva hanges are hereby made: EXEMPTION OF SIGNER (7) LENWOOD O. TRACE	ED FOR TH dement you d solicitation ATA (If require ED PURSUAN ED PURSUAN CONTRACT ORTH IN ITI MENT IS ENT atton and auth is not atton atton is t into futu venience aluation	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doo ION (Organized by UCF section to reallocate the Integr ure option periods as a e purposes, the Statem and Information Cent (CON comment referenced in Item 9A or 10A LE, SR. VP/GM 15C. DATE SIGNED	Anges Set For submitted, s erved prior to anges Set For ELECT THE A JTHORITY OF: Cournent and headings, ini- rated Fina result of tent of W er (EIC) tinued) A as heretoford 16A. NAM	OUR uch ci inthe o DRTH ADMII ORTH ADMII F FAI I retu cludin includin includin includin includin inthe o Cork beir E AN Cork	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). m <u>3</u> coo g solicitation/co al Manage IFMP pro is also rev ng closed.	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the i pontract subject ment Pro- gram bei ised to do Accordin	AY RESULT gram or lette fied. CONTRACT Uch as change ssuing offit at matter whi ject (IFN ng delay elete Sec ngly, the full force and	er, pro ORDE ges ir ice. ere fe MP) yed. ction ction ction ction ction	estima A paying of estima As an n 7.4 in lowing	ated n its
ECEIVED AT THE PLACE DÉSIGNATIOUR OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a (x) A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement D. OTHER (Specify type of modifica M DESCRIPTION OF AMENDMENT/M The purpose of this modifica ost and award fee amounts nrelated action, but for con ntirety as a result of the Eva hanges are hereby made: EENWOOD O. TRA A. DESCONTRACTOR/OFFEROR	ED FOR TH dment you d solicitation ATA (If require ED PURSUAF CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not Addition is t into futu ivenience valuation	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA MORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doo ION (Organized by UCF section to reallocate the Integr are option periods as a e purposes, the Statem and Information Cent (con comment referenced in Item 9A or 10A LE, SR. VP/GM	ANGES SET FOR ANGE ANGE ANGE ANGE ANGE ANGE ANGE ANGE	ORTH ORTH	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). m <u>3</u> col g solicitation/cr al Manage IFMP pro is also rev ng closed. ged. remains unc D TITLE OF C	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the it ontract subject ment Pro gram bei ised to dat Accordin hanged and in ONTRACTIN	AY RESULT gram or lette fied. CONTRACT Uch as change ssuing offit at matter whi ject (IFN ng delay elete Sec ngly, the full force and	er, pro ORDE ges ir ice. ere fe MP) yed. ction ction ction ction ction	estima A paying of estima As an n 7.4 in lowing	ated its
ECEIVED AT THE PLACE DESIGNATION OFFER. If by virtue of this amend legram or letter makes reference to the ACCOUNTING AND APPROPRIATION DA n/a A THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica mutual agreement D. OTHER (Specify type of modifica mutual agreement IMPORTANT: Contractor D. DESCRIPTION OF AMENDMENT/M The purpose of this modifica oost and award fee amounts nrelated action, but for con ntirety as a result of the Eva hanges are hereby made: C. THANGE ORDER IS ISONER (7) LENWOOD O. TRA	ED FOR TH dment you d solicitation ATA (If require ED PURSUAF CONTRACT ORTH IN ITI MENT IS ENT ation and auth is not Addition is t into futu ivenience valuation	IE RECEIPT OF OFFERS PRIO lesire to change an offer already and this amendment, and is rece ad) NT TO: (Specify authority) THE CHA VORDER IS MODIFIED TO REF EM 14, PURSUANT TO THE AL ERED INTO PURSUANT TO AUTHO onty is required to sign this doo ON (Organized by UCF section to reallocate the Integr are option periods as a e purposes, the Statem and Information Cent (CON EXEMPTION OF SIGNED APRIL 28, 1988	Anges Set For submitted, s erved prior to anges Set For ELECT THE A JTHORITY OF: Cournent and headings, ini- rated Fina result of tent of W er (EIC) tinued) A as heretoford 16A. NAM	ORTH ORTH	AND DATE SI hange may be pening hour ar IN ITEM 14 ARE NISTRATIVE C R 43.103(b). m <u>3</u> coo g solicitation/co al Manage IFMP pro is also rev ng closed.	PECIFIED M/ made by tele did date specif MADE IN THE HANGES (su pies to the i pies to the i ontract subject ment Pro gram bei ised to dat Accordin hanged and in ONTRACTIN	AY RESULT gram or lette fied. CONTRACT Uch as change ssuing offit at matter whi ject (IFN ng delay elete Sec ngly, the full force and	er, pro ORDE ges ir ice. ere fe VIP) /ed. ction effect. R (Typ	estima As an on 7.4 in lowing con or prin c. DATE	ated Tits SIGNED

FILE COPY

A. As a result of IFMP being delayed, Section B, B.2, Paragraphs A and B, are revised to decrease and reallocate the IFMP estimated cost and award fee as follows: Estimated cost is decreased by \$973,722 from \$16,099,489 to \$15,125,767 award fee is decreased by \$59,689, from \$763,528 to \$703,839. Award fee for the fifth period is decreased by \$29,845 from \$176,831 to \$146,986. Award fee for the sixth period is decreased by \$29,845 from \$143,612 to \$113,767.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$15,125,767 exclusive of the award fee of \$703,839 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$15,829,606.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	146,986
August 1, 1998 - January 31, 1999	113,767"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 4 NAS1-20650 Modification No. 61 B. Paragraph H.12, Options, Paragraphs A. and B. are deleted in their entirety and replaced with the following which reflects the revised contract values for each period:

1

"A. First through Fourth Option Periods

.

Item	Third Option <u>Period</u>	Fourth Option <u>Period</u>
Period of Performance (Ref. F.1)	12 months	12 months
Estimated Cost (Ref. B.2.A)	\$5,483,887	\$4,832,176
Award Fee (Ref. B.2.A)	\$ 314,529	\$ 279,426
Award Fee Availability (Ref. B.2.B)		
2/1/98 - 7/30/98 8/1/98 - 1/31/99		
2/1/99 - 7/30/99 8/1/99 - 1/31/00	\$ 157,265 \$ 157,265	
2/1/00 - 7/30/00 8/1/00 - 1/31/01		\$ 139,713 \$ 139,713

B. Fifth through Tenth Option Periods

Period of Performance (Ref. F.1)	Fifth Option <u>Period</u> 1 month	Sixth Option <u>Period</u> I month	Seventh Option <u>Period</u> I month	Eighth Option <u>Period</u> 1 month	Ninth Option <u>Period</u> 1 month	Tenth Option <u>Period</u> I month
Estimated Cost (Ref. B.2.A)	\$346,726	\$346,726	\$346,726	\$346,726	\$346,726	\$346,726
Fixed Fee (Ref. B.2.A)	\$ 18,429	\$ 18,429	\$ 18,429	\$ 18,429	\$ 18,429	\$ 18,429"

C. As a separate contract action unrelated to the IFMP reallocations, the Statement of Work is revised to delete Section 7.4, Product Demonstration and Assistance, in its entirety as a result of decreased customer demand for the EIC.

Page 3 of 4 NAS1-20650 Modification No. 61

CONTRACT TABULATION

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	, 0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	<u>(973,722)</u>	<u>(59,689)</u>	<u>(1,033,411)</u>	<u>0</u>
Total	\$15,125,767	\$703,839	\$15,829,606	\$11,394,158

		•						ON	B Approval #:	2700-0042
							1. CONTRACT	ID CODE	PAGE OF	
AME	NDMENT OF SOLICITA	TION/MODIFICATIO	N OF Q	CONTI	RAC	Т			1	7
2. AMEN	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		4. REQU	JISITIO	N/PURCHASE F	REQ. NO.	5. PROJEC	ΓΝΟ. (If applie	cable)
	62	MAX CO. 10	~~							
6. ISSUE	ED BY	CODE MAI 29 19	98	7. ADMI	NISTER	RED BY (If other	than item 6)	CODE		
La	ational Aeronautics and Sp angley Research Center ampton, VA 23681-0001	bace Administration								
8. NAM	E AND ADDRESS OF CONTRACTO	DR (No., street, county, State, and	I Zip Cod	e)	(x)	9A. AMEND	MENT OF SO	ICITATION NO	<u>.</u> Э.	
						1				
NL	CI Information Sectomer I									
	CI Information Systems, I						OFF ITCH 44			
82	260 Greensboro Drive, Su	ite 400				98. DATED	(SEE ITEM 11)		
Μ	lcLean, VA 22102									
	-					10A. MODI	FICATION OF	CONTRACT/O	RDER NO.	
							00050			
					х		1-20650			
						10B. DATE	D (SEE ITEM 1	3)		
CODE		FACILITY CODE				2/1/9	6			
	11. TH	IS ITEM ONLY APPLIES	TO A	MEND	IEN1	S OF SOL	ICITATION	S		
								is extended.	in	extended.
Offers r (a) By c (c) By s RECEI ¹ YOUR or letter 12. ACC	The above numbered solicitation is an must acknowledge receipt of this ame completing Items 8 and 15, and return separate letter or telegram which inclu VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme r makes reference to the solicitation a COUNTING AND APPROPRIATION DATA /A	ndment prior to the hour and date ing copies of the amendment ides a reference to the solicitation FOR THE RECEIPT OF OFFERS int you desire to change an offer a nd this amendment, and is received	e specified ent; (b) B and ame S PRIOR already su	d in the so y acknow endment r TO THE ubmitted,	blicitati ledgin numbe HOUR such c	on or as amer g receipt of thi rs. FAILURE t AND DATE t change may be	nded, by one of is amendment of OF YOUR ACK SPECIFIED MA e made by teleg	the following m on each copy of NOWLEDGEN Y RESULT IN	nethods: I the offer su MENT TO BE REJECTION	bmitted; or E
(x)	A. THIS CHANGE ORDER IS ISSUED F	PURSUANT TO: (Specify authority) Ti	HE CHAN	GES SET I	ORTH	IN ITEM 14 AR	E MADE IN THE	CONTRACT ORD	DER NO. IN IT	EM 10A.
	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT	ITRACT/ORDER IS MODIFIED T TH IN ITEM 14, PURSUANT TO T	O REFLE	ECT THE HORITY	ADMI OF FA	NISTRATIVE R 43.103(b).	CHANGES (su	ch as changes	in paying off	lice,
	C. THIS SUPPLEMENTAL AGREEMEN									
Х	52.243-2, Changes, Cos	st Reimbursement (AUC	<u>G 1987</u>	7) Alte	rnate	e II (APR	1984)			
	D. OTHER (Specify type of modification	and authority								
		not 🔀 is required to sign th	ie dee	mont an	d rotu	um 3 0	opies to the is	suing office		
	PORTANT: Contractor is I SCRIPTION OF AMENDMENT/MOD						•	•	feasible)	
14. UD				, aanga, k		's concitation				

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause as a result of the specification being changed. Accordingly, the following changes are hereby made to the Contract Schedule:

	(cor	ntinued)	
Except as provided herein, all terms and conditions of the docu 15A, NAME AND TITLE OF SIGNER (Type or print)	ment referenced in Item 9A or 10A	A as heretofore changed, remains unchanged and in full force 16A. NAME AND TITLE OF CONTRACTING OFFI	
RICHARD J. ZILLER, EXEC. V	ICE PRESIDENT	LISA M. HARV	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
Kuhand Jelle	MAY 28, 1998	BY A Manuly	5/26/98
(Signature of person applorized to sign)		(Signature of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30		9 FORM 30 (Rev. 10-83) SA FAR (48 CFR) 53.243

FILE COPY

A. Section B, B.2, is revised to increase cost by \$27,052 from \$15,125,767 to \$15,152,819 and the award fee available is increased by \$1,125 from \$703,839 to \$704,964. In addition, the award fee for the fifth period is increased by \$1,125 from \$146,986 to \$148,111.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

j

A. The estimated cost of this contract is \$15,152,819 exclusive of the award fee of \$704,964 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$15,857,783.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	148,111
August 1, 1998 - January 31, 1999	113,767"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 7 NAS1-20650 Modification No. 62

CONTRACT TABULATION

1

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	. 0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	1,125	28,117	0
Total	\$15,152,819	\$704,964	\$15,857,783	\$11,394,158

Funding includes \$10,774,242 for cost and \$619,916 for fee.

Page 3 of 7 NAS1-20650 Modification No. 62 1

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award			Modification	Status
Number	Cost	Fee	CPAF	Funding	Definitized	
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
1001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	n/a	Complete
HB002.01	21,853	1,046	\$22,899	22,899	n/a	Complete
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	\$208,059	180,000	Mod. 41	Active
HB002.02	13,560	590	\$14,150	14,150	n/a	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	\$195,896	182,681	Mod. 26	Active
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	cancelled
HB002.03	11,412	312	\$11,724	11,724	n/a	Active
GM003.01	TBD			200,000	n/a	pending
HA003.01	167,018	8,973	\$175,991	174,559	n/a	Active
HB002.04	27,052	1,125	28,177	47,178	N/A	Active
			\$ 0			
			\$ 0	<u> </u>		
			\$ 0			
			\$ 0			
			\$ 0			
Total	\$3,890,962	\$172,790	\$4,063,752	\$4,191,550		

Page 4 of 7 NAS1-20650 Modification No. 62

4

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

JDD #	Description	Effective Date
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center	6-28-96
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Bank Card Reconciliation System Phase II	1-29-97
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
HB002.01	Management Information System for Lead Center	6-16-97
HB002.02	Management Information System for Lead Center	8-13-97
HB002.03	Management Information System for Lead Center	12-8-97
HA003.01	Bank Card Reconciliation System Phase II, Rev. 1	4-3-98
HB002.04	Management Information System for Lead Center	6-8-98
HB003	RTA/COP System Modifications	6-8-98

Page 5 of 7 NAS1-20650 Modification No. 62

JOB DESCRIPTION DOCUMENT FOR BAMIS CONTRACT NAS1-20650

JDD # HB002.04

Title: Management Information System for Lead Center Budgeting

LaRC Point of Contact: Delores K. Poupard, PRD, CFO Mail Stop 104 Phone 864-6098

Scope: To provide additional requirements and changes to existing system as stated below in order to allow the use of the Lead Center MIS by Langley's Aviation Safety Program.

Specific Requirements:

1. Requirement:

- Add a button to the screen behind the Langley MIS button that reads "Aviation Safety"
- Aviation Safety records will be assigned the value of "Category = 6".
- System to be modified to allow Aviation Safety to have all of the system capabilities now available to the other categories. These are to include graphics, all reports, add/change/delete data screens and etc. for both budget \$ and workforce data.

2. Requirement:

• Modify the Natural Program that extracts data from the PRD Planning file and is uploaded into the Lead Center MIS to include the following Aviation Safety Programs:

Subprogram = 51931 or= 51951 or= 52218 or= 52219 or= 52235 or= 52324 or= 52932 or= 54821 or= 54831 or= 54851 or= 54851 or= 54851 or= 54881 or= 58131.

• These records are to be assigned a Category = 6. The same logic that is used for the extraction of data for UPN = 522 is to apply.

3. Requirement:

• Under the "Edit Subcategories" button within the "Admin" feature a field should be added that will allow for the addition of a Secondary Category.

• This Secondary Category should be allowed to have a value of blank or 1 through 6. Not all records in the table will be assigned a Secondary Category.

• The value in this Secondary Category field should be able to be changed, added or deleted.

Page 6 of 7 NAS1-20650 Modification No. 62 • All logic that is currently used to pull data for graphs and reports (\$ and WF) need to be modified to consider both Category and Secondary Category. For example: There will be records in the data base for Aviation Safety that will have a Category = 6. There will also be records in the data base that will have a Category = 1, 2, 3, 4 or 5, but because they need to be included in the graphs/reports for Aviation Safety, they will be assigned a Secondary Category = 6 via the "Edit Subcategories" table and their Primary Category will remain 1, 2, 3, 4 or 5.

• It is currently envisioned that this Secondary Category will be used for other programs (ex., AST) in the near future. This should be able to be applied to any of the Lead Center system programs and not just Aviation Safety.

Milestones:

• NCI shall provide PRD a weekly status indicating items that have been completed to date and those items still remaining to be worked along with an anticipated completion date. These status reports may be done verbally and provided in writing if requested by PRD.

• All system modifications made to accommodate the above requirements are to be thoroughly tested by NCI before they are turned over to PRD for System Acceptance Testing. Any system errors, other than a few minor items that can be quickly remedied, will not be acceptable.

• The above system modifications shall be completed, tested and made fully productional by July 31, 1998.

Page 7 of 7 NAS1-20650 Modification No. 62

		1						B Approval #	2700-004
						1. CONTRACT	D CODE	1.	FPAGES
		ION/MODIFICATION OF					16 000 1501	1	8
2. AMEN	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE MAY 2.8 1998	4. REQUI	SITIO	N/PURCHASE F	EQ. NO.	5. PROJECT	NU. (II app	icaoie)
6. ISSUE		ODE	7. ADMIN	ISTER	ED BY (If other	than Item 6)	CODE	T	
La	ational Aeronautics and Sp angley Research Center ampton, VA 23681-0001	ace Administration							
8. NAM	AE AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip C	ode)	(x)	9A. AMEND	MENT OF SOLI	CITATION NO) .	
N	CI Information Systems, In	nc.							
	260 Greensboro Drive, Sui				98. DATED	(SEE ITEM 11)			
	IcLean, VA 22102								
			ŀ		10A. MODI	ICATION OF C	ONTRACT/OF	DER NO.	
					1				
				Х	NAS1	-20650			
					10B. DATE	O (SEE ITEM 13)		
CODE		FACILITY CODE			2/1/9	5			
	11. TH	IS ITEM ONLY APPLIES TO	AMENDM	ENT	S OF SOL	ICITATIONS	;		
Offers r (a) By c (c) By s RECEIN YOUR	must acknowledge receipt of this amer completing Items 8 and 15, and returni separate letter or telegram which includ VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer	ended as set forth in Item 14. The hound adment prior to the hour and date speci- ingcopies of the amendment; (b) les a reference to the solicitation and a COR THE RECEIPT OF OFFERS PRIC it you desire to change an offer already id this amendment, and is received pric	fied in the sol By acknowle mendment nu DR TO THE H submitted, s	icitati edgini umbei IOUR uch c	on or as amer g receipt of thi rs. FAILURE AND DATE S hange may be	ided, by one of the samendment of OF YOUR ACKN PECIFIED MAY made by telegra	each copy of NOWLEDGEM RESULT IN I	ethods: the offer s IENT TO B REJECTIO	E N OF
12. ACC	COUNTING AND APPROPRIATION DATA (- <u></u> . ·						
			<u>, , , , , , , , , , , , , , , , , , , </u>		<u></u>				
	A THIS CHANGE OPDER IS ISSUED R	URSUANT TO: (Specify authority) THE CH	ANGES SET FO	ORTH	IN ITEM 14 AR	MADE IN THE C	ONTRACT ORD	ER NO. IN I	TEM 10A
(x)									
(x)	8. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT	TRACT/ORDER IS MODIFIED TO REA H IN ITEM 14, PURSUANT TO THE AU			NISTRATIVE R 43.103(b).	CHANGES (suci	h as changes	in paying o	ffice,
 X	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	TRACT/ORDER IS MODIFIED TO REF H IN ITEM 14, PURSUANT TO THE AU		ADMII	R 43.103(b).	<u></u>	h as changes	in paying o	ffice,
	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	TRACT/ORDER IS MODIFIED TO REA H IN ITEM 14, PURSUANT TO THE AU T IS ENTERED INTO PURSUANT TO AUTHI Reimbursement (AUG 19		ADMII	R 43.103(b).	<u></u>	h as changes	in paying o	ffice,
X	 B. THE ABOVE NUMBERED CON appropriation date. etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN 52.243-2, Changes, Cost D OTHER (Specify type of modification 	TRACT/ORDER IS MODIFIED TO REA H IN ITEM 14, PURSUANT TO THE AU T IS ENTERED INTO PURSUANT TO AUTHI Reimbursement (AUG 19	FLECT THE A JTHORITY O ORITY OF: 87) Alter	ADMII PF FA	R 43.103(b). e II (APR	<u></u>		in paying o	ffice,

,

I

· ·

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause as a result of the specification being changed. Accordingly, the following changes are hereby made to the Contract Schedule:

	(cor	ntinue	d)					
Except as provided herein, all terms and conditions of the docum 15A. NAME AND TITLE OF SIGNER (Type or print)	nent referenced in item 9A or 10/	A as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)						
RICHARD J. ZILLER, EXEC. VICE PRESIDENT			LISA M. HARVEY					
158. CONTRACTORIOFFEROR	15C. DATE SIGNED	16B.	UNITED STATES OF AMERICA	16C. DATE SIGNED				
Kichard & filen	MAY 28, 1998	BY	This/11-Honning	5/25/60				
(Signature of person authorized to sign)			(Signature of Contracting Officer)	1				
NSN 7540-01-152-8070 V PREVIOUS EDITION UNUSABLE	30	0-105		RM 30 (Rev. 10-83) AR (48 CFR) 53.243				
FILE COPY								

A. Section B, B.2, is revised to increase cost by \$16,463 from \$15,152,819 to \$15,169,282 and the award fee available is increased by \$672 from \$704,964 to \$705,636. In addition, the award fee for the fifth period is increased by \$672 from \$148,111 to \$148,783.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

1

A. The estimated cost of this contract is \$15,169,282 exclusive of the award fee of \$705,636 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$15,874,918.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	148,783
August 1, 1998 - January 31, 1999	113,767"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

Page 2 of 8 NAS1-20650 Modification No. 63

CONTRACT TABULATION

1

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	ý ý 0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	2,472	29,525	0
Mod. 63	16,463	672	17,135	0
Total	\$15,169,282	\$705,636	\$15,874,918	\$11,394,158

Funding includes \$10,774,242 for cost and \$619,916 for fee.

Page 3 of 8 NAS1-20650 Modification No. 63 . Ĵ

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD	Estimated	Award	CPAF	Funding	Modification Definitized	Status
Number	Cost	Fee	СРАГ	Funding	Definitized	
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
1001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	n/a	Complete
HB002.01	21,853	1,046	\$22,899	22,899	n/a	Complete
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	\$208,059	180,000	Mod. 41	Active
HB002.02	13,560	590	\$14,150	14,150	n/a	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	\$195,896	182,681	Mod. 26	Active
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	cancelled
HB002.03	11,412	312	\$11,724	11,724	n/a	Active
GM003.01	TBD			200,000	n/a	pending
HA003.01	167,018	8,973	\$175,991	174,559	n/a	Active
HB002.04	27,052	1,125	28,177	28,177	n/a	Active
HB003	16,463	672	\$17,135	19,001	N/a	Active
	1		\$ 0		· · · · · · · · · · · · · · · · · · ·	
			\$ 0			
			\$ 0			
			\$ 0			
Total	\$3,907,425	\$173,462	\$4,080,887	\$4,191,550		

Page 4 of 8 NAS1-20650 Modification No. 63

EXHIBIT G, JOB DESCRIPTION DOCUMENTS

1

JDD # AF001 AF001.01 GMG001.01 GMG001.02 AF002 AF002 AF003 HA001 I001 HA002 AF004 GI001 GM001 HB001 DA001 AF005 AF007 HB002 GM002 GMG002 GMG002 GMG002 AF006 AF009 HA003 AF010 AF011 AF011 AF012 HA004 GM003 HB002.01 HB002.03 HB002.03 HB002.03 HB002.03	Description OSEMA Management Information System OSEMA Management Information System IOG COTS Database IOG COTS Database IOG COTS Database OSEMA Technology Assessment OSEMA Budge Module Update Integrated Financial Management Program HSR Management Information System PCD Mods Credit Card Reconciliation System NASA Automated Audit Mgmt. Sys. Enh. (OSEMA) Facility Maintenance Augmentation Database MIS System Plan for LaRC EPRS Mods to Support FAB Workforce Management System for Aero Division Development of MIS Applications OSEMA Computer Infrastructure Support Management Information System for Lead Center Combined Federal Campaign Application LaRC's Data Warehousing and Implementation SYBASE Conversion of OSEMA MIS Budget Module Badge and Pass System Bank Card Reconciliation System Phase II Facility Database Badge and Pass System Application Expansion Development of a Personnel Database Module Current State Processing Analysis System Center Information Management Architecture Management Information System for Lead Center Management Information System for Lead Center	12-01-96 1-29-97 2-11-97 2-28-97 3-14-97 5-29-97 6-16-97 8-13-97 12-8-97
HB002.03	Management Information System for Lead Center	12-8-97
HA003.01	Bank Card Reconciliation System Phase II, Rev. 1	4-3-98
HB002.04	Management Information System for Lead Center	6-8-98
HB003	RTA/COP System Modifications	6-8-98

Page 5 of 8 NAS1-20650 Modification No. 63

JOB DESCRIPTION DOCUMENT FOR BAMIS CONTRACT NAS1-20650

JDD # HB003

Title: RTA/COP System

LaRC Point of Contact:

Delores K. Poupard, PRD, CFO Mail Stop 104 Phone 864-6098

Scope: To provide additional requirements and changes to existing system as stated below.

Specific Requirements:

1. Requirement:

• Upgrade system components to utilize 4D Version 6.0.5 and Sybase Version 11.5.

• Move the productional RTA/COP system from server SUNPRD1 to SUNPRD2. This move will be coordinated with PRD so that no budget exercises are impacted.

• Budget guideline amounts are extracted nightly from the PRD Planning file and are loaded nightly into the RTA/COP system via a Cron Job. This job shall be modified so that the data is sent to the Server SUNPRD2 instead of SUNPRD1.

• On SUNPRD2 the users are automatically updated nightly, making any sort of update to the users unnecessary. However, the capability is there to add a user if needed and after a 4D code change is made to make the user id = first initial + last 4 digits of phone number + last name. This change shall be made when making the RTA/COP system productional on SUNPRD2.

2. Requirement:

• At the present time the RTA/COP System is setup for user access via a Macintosh only. Modify screens/reports to be accessible by PC users using Microsoft Windows. These modifications shall be transparent and have no negative impact to the present Macintosh users.

3. Requirement:

• When user clicks the "CLOSE" button on the RTA, Spending, or COP pages the system should not "automatically" save the document. If user clicks CLOSE button and has not clicked "SAVE" button prior to that, the user shall be given a message that says "Changes Have Not Been Saved Are You Sure You Want to Close?". Provide Button

Page 6 of 8 NAS1-20650 Modification No. 63 which reads "Close Without Saving Changes" and Button which reads "Save and Then Close".

4. Requirement:

• On RTA, Spending Plan Summary, and COP form update/display "Name of User", "Date Last Modified" and "Time Last Modified" based on last time document was Saved.

5. Requirement:

• Allow user to modify Phasing Plans on the COP Screen and have the amounts in the "Total" Column automatically update the appropriate "\$K Field(s)" on the Spending Plan Summary Sheet and the RTA forms if user clicks button to update these other fields based on modifications done on the COP Screen. The "Req \$K" field that is displayed on the COP Screen would also be modified and this new number used in the calculation of percentages at the bottom of the COP Screen.

6. Requirement:

• DBA Tasks:

• A procedure shall be written to make the following function available from the "ADMIN SCREEN". The database will be maintained with current year and current year - 1 data. In the July-August time frame before a new RTA/COP goes out to the Center, the data shall be purged as follows:

Search on the '*rtas*' table on PY. Delete all rows where the PY is < current program year -1 Delete the related rows in the following table using the id number as the key:

contracts	[use rta_id = rta_id as key]
fabrication	[use rta_id = rta_id as key]
financials	[use rta_id = rta_id as key]
subauthorization	[use rta_id = rta_id as key]
rtas_signers	[use id = rta_id as key]
rta_fte	[use rta_id = rta_id as key]

Search the '*rtop* ' table on year and delete all rows where year is less than current year - 1

• The DBA will download the latest copy of the org codes into the orgs table making modifications manually if there are only a few changes. A copy of the table which is currently in the database follows. Currently, these changes will have to be made using

Page 7 of 8 NAS1-20650 Modification No. 63 SQL. A procedure should be written to make this a function available from the "ADMIN SCREEN".

Milestones:

• Provide PRD a weekly status indicating items that have been completed to date and those items still remaining to be worked along with an anticipated completion date. These status reports may be done verbally and provided in writing if requested by PRD.

• All system modifications made to accommodate the above requirements are to be thoroughly tested by NCI before they are turned over to PRD for System Acceptance Testing. Any system errors, other than a few minor items that can be quickly remedied, will not be acceptable.

• Requirements 1, 2, 3 and 4 shall be completed, tested, and made fully productional by July 31, 1998.

• Requirements 5 and 6 shall be completed, tested, and made fully productional by September 30, 1998.

Page 8 of 8 NAS1-20650 Modification No. 63

			1						IB Approval #	
							1. CONTRACT	DCODE	PAGE O	PAGES
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT							[TNO. (If appli	4
2. AMEN				4. HEQU		See Block		5. PHOLEC	INU. (# app#	(1910) (1910)
6. ISSUE	64		2 <u>9 1998</u>			ED BY (I other	-	CODE	1	<u> </u>
0. 6306	0 81			1			inali ileni oy	0002	L	
La	ational Aeronautics and S ngley Research Center ampton, VA 23681-0001	pace Adminis	stration							
8. NAM	E AND ADDRESS OF CONTRACTO	OR (No., street, cou	inty, State, and Zip Co	de)	(X)	9A. AMEND	MENT OF SOL	CITATION NO	Э.	
				ſ]				
N	CI Information Systems, I	nc								
	•					9B. DATED	(SEE ITEM 11)			
	60 Greensboro Drive, Sui	ile 400					. ,			
M	cLean, VA 22102						ICATION OF C	ONTRACT/O		
						TUA. MOUIF				
					х		-20650			
						10B. DATE	O (SEE ITEM 13	Ŋ		
CODE		FACILITY CODE	·····			2/1/9	6			
	11. TH	IS ITEM ONLY	Y APPLIES TO A	MENDA	IEN	TS OF SOL	ICITATION	S		
extende (a) By c or (c) B RECEIN YOUR (he above numbered solicitation is an d. Offers must acknowledge receipt ompleting Items 8 and 15, and return y separate letter or telegram which in rED AT THE PLACE DESIGNATED DFFER. If by virtue of this amendmen or or letter makes reference to the so	of this amendment ning copies c ncludes a reference FOR THE RECEIP ont you desire to cha	prior to the hour and d of the amendment; (b) f to the solicitation and T OF OFFERS PRIOR ange an offer already s	ate specifi By acknow amendme TO THE I ubmitted,	ied in 1 fledgir int nur HOUP such o	the solicitation ng receipt of the mbers. FAILUI AND DATE S change may be	or as amended is amendment of RE OF YOUR A SPECIFIED MAY e made by telegi	in each copy (CKNOWLED 7 RESULT IN ram or letter, j	of the offer s GEMENT TO REJECTION	ethods: ubmitted; D BE I OF
12. ACC	OUNTING AND APPROPRIATION DATA	(If required)								
PR:	AFC.1240; JO: C952001;	obligate \$5,1	03 (complete),	PR: AF	FD.1	.079; JO : 1	M3159; obl	ligate \$78	,000 (coi	nplete).
PR:	AFD.1080; JO: A5402; o	bligate \$30,00	00 (complete), P	R: GM	L.12	251; JO: M	13800; obli	gate \$150	,000 (co	mplete)
(x)	A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO: (Spe	cily authority) THE CHAN	IGES SET F	ORTH	IN ITEM 14 ARE	MADE IN THE CO	ONTRACT ORD	er no. In ite	M 10A.
X	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	NTRACT/ORDER IS TH IN ITEM 14, PU	S MODIFIED TO REFL RSUANT TO THE AU	ECT THE	ADMI OF F/	NISTRATIVE (AR 43.103(b).	CHANGES (suc	h as charges	in paying of	fice,
	C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED INTO	PURSUANT TO AUTHOR	ITY OF:						
	PORTANT: Contractor 🛛 is r	iot 🔄 is require	ed to sign this docum	ient and r	eturn	_0_copie	s to the issuin			
	SCRIPTION OF AMENDMENT/MOD									
Т	he purpose of this modific	ation is to pro	ovide incrementa	l fundir	ng in	the amou	nt of \$263,	103. Acc	ordingly	, the

(continued) Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOAN Y. CREPPS 168. UNITED STATES OF AMERICA 16C. DATE SIGNED 158. CONTRACTOR/OFFEROR 15C. DATE SIGNED ί 15 ΒY £1 1-ú 5 24 (Signature of Contracting Officer) (Signature of person authorized to sign) 30-105 STANDARD FORM 30 (Rev. 10-83)

following changes are hereby made to the Contract Schedule:

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE



Prescribed by GSA FAR (48 CFR) 53.243

A. Incremental Funding in the amount of \$263,103 is being provided as follows: funding for cost will be increased by \$183,103; funding for fee will be increased by \$80,000. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$10,957,345. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through July 21, 1998.

(b) An additional amount of \$699,916 is obligated under this contract for payment of fee."

CONTRACT TABULATION

17

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107.315	295,376	5,402,691	0
Mod. 52	0	0	0 .	1,025.000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	2,472	29,525	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Total	\$15,169,282	\$705,636	\$15,874,918	\$11,657,261

Funding includes \$10,957,345 for cost and \$699,916 for fee.

.

.

Page 3 of 4 NAS1-20650 Modification No. 64

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Status
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
1001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423.982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	n/a	Complete
HB002.01	21,853	1,046	\$22,899	22.899	n/a	Complete
AF010	1,295	78	\$1,373	1.373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	\$208,059	208,059	Mod. 41	Active
HB002.02	13,560	590	\$14,150	14,150	n/a	Complete
AF006	61.669	3,071	\$64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	\$195,896	195,896	Mod. 26	Active
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	cancelled
HB002.03	11,412	312	\$11,724	11,724	n/a	Active
GM003.01	TBD			200,000	n/a	pending
HA003.01	167.018	8,973	\$175,991	179,662	n/a	Active
HB002.04	27,052	1.125	28,177	28,177	n/a	Active
HB003	16,463	672	\$17,135	19.001	N/a	Active
			\$ 0			
			\$ 0			
			\$ 0			
			\$ 0	·		
Total	\$3,907,425	\$173,462	\$4.080.887	\$4.237.927		

Page 4 of 4 NAS1-20650 Modification No. 64

,

			•							
			1							2700-0042
AMENDMENT OF SOLICITATION		1. CONTRACT I	DCODE		FPAGES 4					
2. AMENDMENT/MODIFICATION NO.	4. REQU	ISITION	VPURCHASE R		5. PROJECT	NO. (If appl	icable)			
65 6. ISSUED BY CODE	JU		1998	7. 404416	-	ED BY (# other		CODE		
6. ISSUED BY CODE						CU ST (# Other)	man kern oj	GODE	L	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Admi	nistratio	n							
8. NAME AND ADDRESS OF CONTRACTOR (No	, street,	county, Sta	ite, and Zip Co	xde)	(X)	9A. AMEND	MENT OF SOLI	CITATION NO	D	
NCI Information Systems, Inc. 8260 Greensboro Drive, Suite 400 McLean, VA 22102						10A. MODIF	(SEE ITEM 11)		RDER NO.	
					~) (SEE ITEM 13	·)		
CODE		DE						/		
11. THIS IT			I IES TO A			2/1/9		5		
The above numbered solicitation is amended								is extended,	lis no	
(a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes RECEIVED AT THE PLACE DESIGNATED FOR T YOUR OFFER. If by virtue of this amendment you telegram or letter makes reference to the solicitatio 12. ACCOUNTING AND APPROPRIATION PR: GKE. 1072; JO: 2530; obligate 2 PR: AF.5491; JO: M3159; obligate PR: GMIL.1254; JO: A5487; obligate	a refere HE REC desire to n and thi DATA (\$25,40 \$20,0 ce \$77	nce to the s EIPT OF OI change an is amendme is amendme if required 56 (com 00 (com ,400 (co	policitation and FFERS PRIOF offer already ant, and is rec plete), PR plete), mplete); J	i amendmei TO THE H submitted, s eived prior t : GML. I O: A558	nt nun HOUR such c to the 1255 81; c	nbers. FAILUI AND DATE S change may be opening hour 5; JO: M3 ² obligate \$1	PECIFIED MAY a made by telegr and date specifi 786; Obliga: 12,600 (co	cknowled RESULT IN I am or letter, p ed. te \$240,00 mplete)	SEMENT T REJECTION provided ear 00 (com]	o BE N OF ch plete).
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I C. THIS SUPPLEMENTAL AGREEMENT IS EN	TEM 14,	PURSUAN	T TO THE AU	THORITY	ADMII OF F#	NISTRATIVE (AR 43.103(b).	CHANGES (suci	h as changes	in paying o	ffice,
										<u></u>
E. IMPORTANT: Contractor is not 14. DESCRIPTION OF AMENDMENT/MODIFICAT The purpose of this modification following changes are hereby ma	ion (O) is to j	rganized by provide i	incrementa	headings, ir al fundin	ncludii	ng solicitation/		matter where		, the
Except as provided herein, all terms and conditions of the		t referenced in	•	tinued)	re cha	nged, remains u	nchanged and in fi	ull force and effe	ct.	
15A. NAME AND TITLE OF SIGNER (Type or prir	nt)					J	CONTRACTING		ype or print)
15B. CONTRACTOR/OFFEROR	1	5C. DATE	SIGNED	16B. UNI BY	Ya	STATES OF A	<u>l'u</u>	1	$\frac{5C. DATES}{7/1}$	SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070			30	-105	(Sig	nature of Clon	stand		1 30 (Bey 1	(0-83)
PREVIOUS EDITION UNUSABLE			50			v		d by GSA FAR		

م منعوم ا

•

A. Incremental Funding in the amount of \$475,466 is being provided as follows: funding for cost will be increased by \$475,466; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

1

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$11,432,811. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through September 2, 1998.

(b) An additional amount of \$699,916 is obligated under this contract for payment of fee."

Page 2 of 4 NAS1-20650 Modification No. 65

CONTRACT TABULATION

;

· .	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	. 0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	· 0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1.033,411)	0
Mod. 62	27,052	1,125	28,177	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Mod. 65	0	0	0	475,466
Total	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727

Funding includes \$11,432,811 for cost and \$699,916 for fee.

Page 3 of 4 NAS1-20650 Modification No. 65 ,

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Status
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
I001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	n/a	Complete
HB002.01	21,853	1,046	\$22,899	22,899	n/a	Complete
AF010	1,295	78	\$1,373	1.373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2.802	Mod. 39	cancelled
AF012	199,302	8,757	\$208,059	208,059	Mod. 41	Active
HB002.02	13,560	590	\$14,150	14,150	n/a	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	\$195,896	195,896	Mod. 26	Active
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	cancelled
HB002.03	11,412	312	\$11,724	11,724	n/a	Active
GM003.01	TBD			200,000	n/a	pending
HA003.01	167,018	8,973	\$175.991	179,662	n/a	Active
HB002.04	27,052	1,125	28,177	28.177	n/a	Active
HB003	16,463	672	\$17,135	19,001	N/a	Active
			\$ 0			
			\$ 0			
			\$ 0			
			\$ 0			
Total	\$3,907,425	\$173,462	\$4.080,887	\$4.237,927		

Page 4 of 4 NAS1-20650 Modification No. 65

						MB Approval I	
MENDMENT OF SOLICITATI	ION/MODIFICATION OF	CONTRACT		CONTRACT	ID CODE		DF PAGES
AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION	PURCHASE REC	NO.	5. PROJEC	TNO. (# app	licable)
66 ISSUED BY C	July 31, 1998	7. ADMINISTER	ED BY (# other tha	n Item 6)	CODE		
National Aeronautics and Sp Langley Research Center Hampton, VA 23681-0001	ace Administration						
NAME AND ADDRESS OF CONTRACTOR	R (No., street, county, State, and Zip C	iode) (x)	9A. AMENDM	ENT OF SOL		Ö.	
NCI Information Systems, In 8260 Greensboro Drive, Suit			9B. DATED (S	SEE ITEM 11,)		. <u> </u>
McLean, VA 22102			10A. MODIFIC			BDER NO.	
		x	NAS1-	20650			
	FACILITY CODE		04400				
	S ITEM ONLY APPLIES TO		2/1/96		19		
The above numbered solicitation is am					is extended.	is n	
(x) A. THIS CHANGE ORDER IS ISSUED PU X FAR Clause 52.243-2 Ch B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT	0; \$4,950 (partial) URSUANT TO: (Specify authenty) THE CHA hanges - Cost Reimburseme FRACT/ORDER IS MODIFIED TO REF H IN ITEM 14, PURSUANT TO THE AU FIS ENTERED INTO PURSUANT TO AUTHO	ILECT THE ADMIN UTHORITY OF FA	7) Alt II (A	PR 1984	4)		
E. IMPORTANT: Contractor X is no	t is required to sign this docu	mont and roturn	0 conico	to the issui	og office		
E. IMPORTANT: Contractor X is no 14. DESCRIPTION OF AMENDMENT/MODI	· · · · · · · · · · · · · · · · · · ·				<u> </u>	e feasible.)	
The purpose of this modifica Statement of Work (SOW) E	•	•		-		ne contra	ıct
	(cor	ntinued)					
Except as provided herein, all terms and conditions 15A. NAME AND TITLE OF SIGNER (Type of		A. as heretofore chan 16A. NAME AN					t)
			CHAR	LOTTE	T. HARD	Y	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED S	STATES OF AM	ERICA	, [ICC. DATE	
		BY C	alte	7. A.	m	7/31/	95
(Signature of person authorized to signs) NSN 7540-01-152-8070		(Sigr 0-105	nature of Contra			M 20 /p	10.00
PREVIOUS EDITION UNUSABLE	اق	0-100			DARD FOR		

. •

FILE (COPY
---------------	------

A. Exhibit A, Statement of Work entitled, "Business and Administrative Management Information Services is changed by adding the following Paragraph:

"10. YEAR 2000 COMPLIANCE

- a."Year 2000 compliant," as used herein, means that the information technology (hardware, software and firmware, including embedded systems or any other electro-mechanical or processor-based systems used in accordance with its associated documentation) accurately processes date and date-related data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to the extent that other information technology, used in combination with the information technology being acquired, properly exchanges date and date-related data with it.
- b. Any information technology provided, operated and/or maintained under this contract must be Year 2000 compliant. To ensure this result, the Contractor shall provide documentation describing how the IT items or services demonstrate Year 2000 compliance.

The Contractor shall test any information technology items that are provided, operated, and/or maintained under this contract in accordance with the document "NASA Year 2000 Agency Test and Certification Guidelines and Requirements" (Attachment 1 to this modification). Documentation and testing requirements for Year 2000 compliance are based on complexity of the information technology and the risk associated with the IT item Y2K non-compliance. The testing of the IT items shall be determined using a risk-based approach. Risk has been categorized into 3 categories: Low, Medium, and High. A phased testing approach will be used to identify and correct errors. The testing shall be consistent with Attachment 1, considering the risk level, type of system, and Year 2000 date dependency of the IT item. In order to document the Year 2000 testing and compliance, the "NASA Langley Research Center Y2K Compliance Verification Form" (Attachment 2 to this modification) shall be utilized.

- c. Milestones for Renovation, Validation and Implementation: Any IT determined to be non-Year 2000 compliant shall be replaced, retired, or repaired in accordance with the following schedule:
 - "Renovation" includes making and documenting software and hardware changes, developing replacement systems, and decommissioning systems to be retired. The Contractor must complete renovation of affected software, hardware and firmware by September 30, 1998.
 - "Validation" includes unit, integration, system, and end-to-end testing for Year 2000 compliance. The Contractor must complete validation and testing of converted or replaced systems by January 31, 1999.

- "Implementation" includes acceptance testing and integration of converted and replaced systems into a production environment. The Contractor must complete implementation by March 31, 1999.
- d. At a minimum, the Contractor shall provide documentation, including project plans and status reports, which demonstrate that the Contractor is meeting the milestones listed above."

B. The Contractor shall submit a Year 2000 Compliance Plan for this contract by August 14, 1998. The Compliance Plan shall be consistent with the document entitled "NASA Year 2000 Agency Test and Certification Guidelines and Requirements" (Attachment 1 to this modification). The Compliance Plan shall include the following:

- 1. An exhaustive list of all information technology (IT) provided, operated, maintained, administered or otherwise used or serviced under this contract,
- 2. The risk level for each IT item,
- 3. The contractor's level of knowledge of and the extent of his involvement with or use of each item of IT on the list,
- 4. Any testing or other Year 2000 compliance work which has already been done or is in process for each item of IT,
- 5. A list of other contractors or Government personnel responsible for providing, operating, maintaining, administering or otherwise using or servicing each item of IT, if applicable,
- 6. Where more than one contractor or the contractor and the Government share responsibilities and/or interfaces with an item of IT, the contractor's recommendations concerning each party's role in the compliance of such item,
- 7. The level and type of testing required to be performed on each IT item to determine Year 2000 compliance.
- 8. The schedule and plan for completing the required testing.

The Government will approve or direct changes to this compliance plan. After Government approval of this plan, the Contractor shall implement the plan.

Any proposal for an equitable adjustment in cost pursuant to the <u>Changes</u> clause for the changes made in this modification shall be broken out and correlated to the compliance plan required by this paragraph.

The change shall be separately accounted for by the contractor to the degree necessary to provide the Contracting Officer visibility into actual costs incurred pending definitization.

C. The ceiling price for the change as set forth in the modification is \$5,000.

B. All other terms and conditions remain unchanged

Attachments (2)

CONTRACT TABULATION

ι.

.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	1,125	28,177	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Mod. 65	0	0	0	475,466
Mod. 66	0	0	0	0
Total	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Funding includes \$	11 432 811 for cost and	\$699 916 for fee		

Funding includes \$11,432,811 for cost and \$699,916 for fee.

NASA Year 2000 Agency Test and Certification Guidelines and Requirements

Volume 1

July 2, 1998

_/

\$____

.....



National Aeronautics and Space Administration

Contents

- 1. Background
- 2. Y2K Certification Guidelines and Requirements
- 3. Y2K Testing Guidelines and Requirements
- 4. Guidelines on Y2K Compliance Criteria

Tables

3-1	Time-Shift Test Dates for Y2K Time Shift Testing	. 3-7
3-2	Unit Level Test	. 3-8
3-3	Integration Level Test	. 3-8
3-4	System Level Test	. 3-9
3-5	Acceptance Test Level	3-10
3-6	End-to-End Test Level	3-11
3-7	Test Documentation	3-12
3-8	Y2K Minimum Required Tests Summary	3-13
	·	
4-1	Criteria for Y2K Compliance	4-1
4-2	Variety of Manipulation of Date Data	4-2
4-3	Interpretive Example of Y2K Compliance Criteria	4-4

in .

Appendix A. Certification Signoff Form Examples

Appendix B. Certification Checklist Example

Appendix C. Glossary of Terms

.

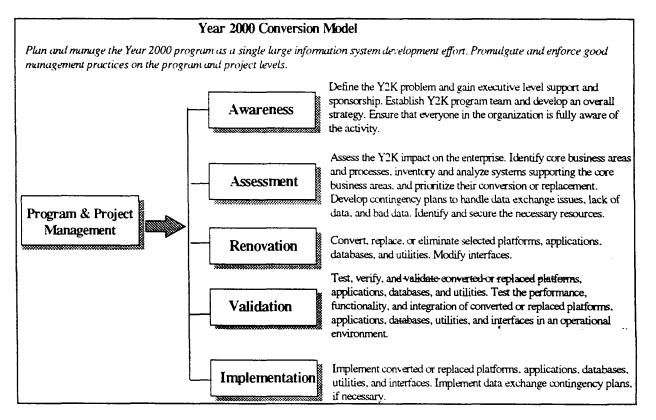
Appendix D. Date Dependency Checklist

7

Section 1. Background

NASA initiated the Year 2000 (Y2K) program in August 1996 to address the challenges imposed on Agency software, hardware, and firmware systems by the new millennium. The Agency Y2K program is centrally managed by the NASA Chief Information Officer, with decentralized execution of program requirements at each of the nine NASA Centers, Headquarters, and the Jet Propulsion Laboratory. The Y2K Program Plan details the technical, schedule, and cost commitments, and it includes strategies for acquisition, risk management, and test and verification. Center Y2K Project Plans provide detailed requirements and plans that are consistent with the overall program management approach, guidance, and requirements.

In January 1997, the Office of Management and Budget (OMB) required all federal agencies to adopt the Government Accounting Office (GAO) five-phase model for implementing the Y2K program. The following exhibit graphically illustrates the five phase model NASA has adopted for the Y2K program.



NASA completed the Y2K assessment of its inventory of hardware, software, and firmware in August 1997. The scope of the assessment included applications developed in-house (in development or operations): Commercial-off-the Shelf (COTS) software, hardware, and firmware; and special support areas such as facilities and environmental control systems and other embedded uses of information technology (IT) products. Renovation of inventory items needing corrective action is to be completed by September 1998; validation by January 1999; and

implementation by March 1999. Objectives and approaches for completing renovation, validation, and implementation may be found in the NASA Y2K Program Plan.

The objectives of the validation phase are to uncover errors introduced during the renovation phase; and verify the operational readiness of inventory items. Government-wide requirements for validating renovated inventory items include unit-level, integration-level, and system-level testing. In April 1996, the Program provided general Y2K test guidance for Centers to consider when identifying their local Y2K test strategies and methods. In April 1998, we conducted a review of current Center practices and strategies for Y2K testing. Generally, Centers are adapting local systems management practices to meet Y2K validation and verification requirements. Examples are structured systems development methodologies that include formal testing and verification processes, use of independent testing organizations, such as a Center Software Product Assurance Office or an independent Y2K contractor, and the exceedingly formal Independent Verification and Validation (IV&V) associated with testing changes on systems affecting human space flight. The selected approach is highly dependent upon the inventory item function, criticality, and risk.

The objectives of this guidance are to:

- (1) Provide general guidance and requirements for Y2K certification and testing.
- (2) Establish required minimal Y2K test criteria and certification processes that will be consistently applied to NASA inventory items.

This document specifies minimal requirements (identified by terms "shall" and "must") and general guidance (identified by terms "should" and "may") for accomplishing Y2K certification and testing. Centers are encouraged to tailor guidance to meet local requirements. Centers should also refer to the GAO Guide, "Year 2000 Computing Crisis: A Testing Guide," for additional guidance on testing.

This document has four sections and Appendices A to I. Section 2 provides guidelines and requirements for Y2K certification. Section 3 provides guidelines and requirements for conducting Y2K tests. Section 4 provides guidance on Y2K compliance criteria. Appendices A to D provide sample certification forms and Y2K checklists. Volume 2 provides sample test plans used at NASA Centers.

Throughout this document the term, "NASA employee" includes employees of the Jet Propulsion Laboratory (JPL) for JPL inventory items.

July 2, 1998

.

Section 2. Y2K Certification Guidelines and Requirements

This section provides guidelines and requirements for completing Y2K certification of inventory items. Inventory items must be vendor certified or otherwise tested and certified by NASA. Section 3 provides requirements and guidance on test criteria and testing levels for inventory items that are tested by or for NASA. Section 4 provides guidance and general criteria which should be satisfied for an inventory item to be considered compliant.

2.1 Inventory Item. Centers are responsible for determining what constitutes an inventory item to be assessed, corrected, validated, or certified compliant for Y2K purposes. A NASA inventory item may be an IT system, non-IT system (e.g. environmental, biomedical), application, hardware component, software component, firmware, or COTS product. An inventory item may be a combination of custom software, hardware, and COTS products, or any component item. Inventory items must be classified as either mission-critical or nonmission-critical (see Glossary, Appendix C).

Inventory items must be assigned one of the following statuses:

- 2.1.1 **Non-Compliant/Repair**—Non-compliant inventory item components will be manually or automatically modified, or both, to make them Y2K compliant.
- 2.1.2 Non-Compliant/Replace or Upgrade—The non-compliant inventory item will be replaced with a Y2K compliant system that provides comparable functionality. For COTS components, upgrades are classified as replace/upgrade.
- 2.1.3 Non-Compliant/Retire or Discontinue—The inventory item will leave the NASA inventory because of Y2K or other reasons. No replacement system is anticipated. For COTS components, the product will leave the NASA inventory, with no anticipated upgrade or replacement.
- 2.1.4 Non-Compliant/No Corrective Action —A non-compliant Y2K inventory item that will be retained in the NASA inventory and not made compliant.
- 2.1.5 Not Date Affected Inventory item does not process dates or date related data.
- 2.1.6 **Date Affected/Compliant –** Inventory item processes dates or date-related data and is Y2K compliant

£ ...

- 2.2 Certification of Inventory Items. NASA inventory items must be certified as Y2K compliant by March 31, 1999.
 - To be certified as Y2K compliant, an inventory item must fulfill one of the following requirements:
 - Successfully complete testing conducted by or for NASA
 - Demonstrate Y2K compliance by vendor certification.
 - The only exception to this requirement are the Non-Compliant/No Corrective Action inventory items.
 - Inventory items classified as not calendar date affected must either be tested or documented as not date affected.
 - The content and level of detail for certification may vary based on Center requirements and the nature of the inventory item.
 - Inventory items that are tested must complete the system level test for certification. However, there is some flexibility for testing COTS products. Centers may elect to use integration testing or system level testing to certify COTS products, as appropriate.
 - Certification forms must be signed by a NASA employee. (Sample forms are in Appendix A.) Centers may elect to require additional signatures, including contractors responsible for operations and maintenance of inventory items, as required.

Appendix C, Glossary of Terms, provides the NASA definition of "Y2K compliant" consistent with Federal guidance. Appendix A provides sample certification forms for vendor certified, NASA tested, and not date affected inventory items. The following paragraphs detail requirements.

- 2.2.1 Vendor Certified: The inventory item is a COTS product that is date affected and certified by the vendor or contractor as Y2K compliant. Documentation may include standard product literature, test reports, test procedures, or commercial certification statements. Documentation must be commensurate with the risk level of the inventory item. Appendix A-1 provides a sample certification form for COTS products.
- Three NASA Centers have been assigned responsibility for tracking and reporting test and certification results of COTS hardware and software products in five areas: workstation, mainframe, midrange, communications, and supercomputing. At a minimum, Centers must follow established certification and documentation procedures for COTS products in these areas. For COTS products that do not fall under these areas, Centers should establish similar certification and documentation procedures commensurate with the risk-level of their inventory items.

2.2.2 **Tested and Certified:** The inventory item is date affected and has been tested and certified by or for NASA against required tests and standard test criteria commensurate with the risk level of the inventory item (described in Section 3). If the inventory item is a COTS product that a Center decides to independently test, Centers must follow the appropriate test and documentation procedures established by the three COTS principal centers (MSFC, LeRC, and ARC).

Tested Inventory items must meet the documentation requirements specified in Table 3-7. Three levels of documentation are required: test plans and procedures, test results, and certification forms.

- 2.2.2.1 Test Plans and Procedures Test plans and procedures must be prepared to address required levels of testing, test criteria, and test procedures. Test plans and procedures may be written to address a specific inventory item (e.g., a specific mission-critical system) or a class or group of inventory items (e.g., desktop COTS products). The content and level of detail of the test plan and procedures will vary based upon the complexity of the inventory item and the magnitude of the Y2K impact. Volume 2 provides examples of the following Y2K test plans for reference:
 - MSFC LASER TPP
 - LeRC COTS Test plan for workstations
 - MSFC COTS Communications Test Plan
 - JPL Year 2000 Compliance Requirements
 - Year 2000 Test Plan for Langley Research Facilities
 - Flight Dynamics Y2K Test Plan
- 2.2.2.2 Test Results Test results must be documented in a test report or completed Y2K checklist for each inventory item tested. The content and level of detail of the test report will vary based upon the complexity of the inventory item and the magnitude of the Y2K impact. Sample Y2K checklists are provided in Appendix B. Y2K checklists should be tailored to meet Center requirements. The content of the checklist may vary based on the inventory item tested. Examples of Y2K checklist content include the following:
 - The results of Y2K test cases for system functions
 - A list of components comprising the inventory item, along with the component ID, component type (hardware (H/W), software (S/W), firmware (F/W), or COTS))
 - The date the component was tested and the NASA responsible person
 - A list of all external interfaces, the date the interface was tested ,and the NASA responsible person for ensuring that the testing and documentation is accurate.

- 2.2.2.3 Certification –All tested inventory items must be certified by a NASA employee. Appendix A-2 provides sample certification forms. The content and level of detail for certification may vary based on Center requirements and the nature of the inventory. Centers may elect to require additional signatures, including contractors responsible for operations and maintenance of inventory items, as required.
- 2.2.3 **Documented and Certified As Not Date Affected.** The inventory item is not date affected and not tested. Documentation is required to certify that the inventory item is not date affected. Appendix D provides a sample checklist for verifying that an inventory item is not date affected.
- 2.3 Non-Compliant/No Corrective Action Inventory Items. Non-compliant items that will have no corrective action taken must be identified and documented. Documentation must include the name and description of t he non-compliant inventory item, the business or operational rationale for not taking corrective action (e.g., not upgrading), and a determination of the risks or potential impact to the Agency for not taking corrective action. Decisions and documentation for non-compliant Y2K inventory items must be approved by the Center Y2K Project Manager and the Center CIO Representative. Accounting of these actions must be sent to the NASA Y2K Program Manager.
- 2.4 Independent Validation and Verification. Test processes must include an independent validation and verification of test results for mission critical systems. Independent validation and verification may be performed by any individual(s) independent of the developer or certifying individual. Centers should use quality assurance groups or validation and verification agents where practical to ensure consistency and quality of test processes and results.
- 2.5 Waivers. Centers must establish a formal waiver process for any variance from the minimum requirements established in this document. Waivers may be issued to combine testing levels where the criteria are met in the combined test, or, in limited cases, where the degree of testing is reduced because the Y2K changes are cosmetic or the risks of Y2K impacts are low. At a minimum, waivers must be approved by the Center Y2K Project Manager and the Center CIO Representative. Accounting of these actions must be sent to the NASA Y2K Program Manager.

July 2, 1998

<u>.</u>....

- 2.6 **Grandfather Clause:** Inventory items that completed testing prior to this guidance and that meet the following criteria are exempt from this guidance:
 - The test approach for the inventory item meets the minimal test requirements and criteria established in this guidance, commensurate with the level of risk of the inventory item
 - Processes followed for the inventory item meet the intent of this guidance through comparable test and certification processes.

The Center CIO Representative and Center Y2K Project Manager must approve Y2K inventory items that are exempted (i.e., grandfathered) from this guidance. Accounting of these actions must be sent to the NASA Y2K Program Manager.

.....

5.

Section 3. Y2K Testing Guidelines and Requirements

This section provides test guidelines and requirements for Inventory items being remediated and/or tested by or for NASA for the certification process described in Section 2. The intent is to provide an Agency Y2K test approach yet permit enough flexibility to allow Centers to use their existing test processes to the extent practical, augmented by Y2K time-shift testing. Centers should also refer to the GAO Guide, "Year 2000 Computing Crisis: A Testing Guide," for additional guidance on testing.

- 3.1 **Purpose.** The purpose of Y2K testing is to verify the Y2K compliance of a date-affected inventory item and ensure that Y2K corrective actions have not adversely impacted the existing functionality of an inventory item. Test processes must provide sufficient assurance of diligence in testing documented by test plans and/or test procedures, test reports or compliance checklists, and certification signoff. Quality assurance staff or independent validation and verification agents should be used, where practical, to ensure that test requirements and guidance are met.
- 3.2 Risk-Based Approach. NASA is adopting a risk-based approach for the testing and certification of inventory items. Risk categories are low risk, medium risk, and high risk (see Glossary, Appendix C). At a minimum, NASA inventory items must meet the test requirements and test criteria established for low risk items or provide documentation that the inventory item is not date affected. Medium and high risk inventory items must meet the minimal test requirements and test criteria defined in Tables 3-1 through 3-6. By definition, NASA inventory items classified as "mission critical" would typically meet test requirements and test criteria specified for high risk items, but there is some flexibility for Centers to tailor risk levels assigned. Inventory items designated as mission critical may contain components that are medium or low risk; for example, a mission critical system may include auxiliary components that are low or medium risk, such as faxes or printers. Centers may selectively tailor test criteria to reduce the level of testing for those components. Table 3-7 summarizes the minimum test criteria for each risk level. Centers should establish test requirements and test criteria beyond the minimal where appropriate.
- 3.3 **Testing Approach.** The NASA Y2K testing approach applies time-shift testing to a renovated component through a series of test levels according to its assigned risk. The time shift test dates represent critical dates for Y2K compliancy. The test levels include unit testing, integration testing, system testing, acceptance testing, and end-to-end testing. The test is should include regression, performance, stress, and window boundary testing, as appropriate for the test level. All Y2K certification testing must be accomplished in a Y2K compliant environment, where feasible.

. The NASA-Y2K testing approach is based on demonstrating that existing functionality will operate normally on general days in 2000 and that rollovers for the dates specified in Table 3-1 do not generate anomalous behavior. The most cost-effective order for conducting Y2K testing is to first validate the operation for general days in 2000 and then to conduct

4

July 2, 1998

specific time-shift tests (e.g., rollover from 12/31/1999 to 01/01/2000) according to the level of risk (Appendix C) and available resources.

- 3.4 **Time-Shift Testing.** One test technique used to uncover Y2K problems is known as Time-Shift Testing. Time-shift testing is simply the process of altering system clocks so that a future date and time appears to be the current date and time. This time-shifting technique is applied to the test environment to establish the dates for Y2K compliance tests. Timeshifting can be accomplished by physically changing the system clocks or by installing date simulation software that intercepts calls to the system clock. Note that time-related or time-dependent data in databases and manual input data may also need to be adjusted to make the data consistent with system clocks each time the system is time-shifted.
 - 3.4.1 **Time-Shift Test Precautions.** Time-shift testing should be performed on systems that are isolated from both development and operations. Before beginning such testing, the system should be completely backed up to external media; procedures should have been previously tested and documented that describe how to back up the data, change the dates at all layers of the system architecture, and restore the data. After completion of time-shift testing, the media must be erased, and all backup files must be restored. Failure to do so risks the creation of anomalies arising from files and operating system services having dates in a future year.
 - 3.4.2. **Required Test Dates.** Table 3-1 identifies the required dates that Centers must use, as a minimum, in testing low risk, medium risk, and high risk inventory items. Centers may select additional dates to test based on the complexity and risk level of the inventory item. These dates are listed as optional or recommended for each risk category.
 - 3.4.3. Rollover Exceptions. There may be cases where low and medium risk inventory items opt to power down during the January 1, 2000 rollover. In these instances, inventory items do not necessarily have to be tested for the 12/31/1999>01/01/2000 date. These inventory items must, at a minimum, conduct time shift testing for random dates in the Year 2000 ensure general functionality is validated.
 - 3.4.4. Window Boundary (Backward Time) Testing. These tests are required only for window techniques used to interpret 2-digit year dates. Testing shall ensure that the window boundaries (Appendix C) selected to resolve 2-digit year representations meet the following criteria:
 - Do not exclude valid ranges in the data. Example: If the window boundary is set for 1930 for a personnel system, and if the current database contains information on an individual born prior to 1930, the information on this individual cannot be recognized as 20th century data.
 - Test dates around the window boundaries ensure that the software properly interprets the century. For example, if a window boundary is set at "70," tests should ensure that "69" is interpreted as 2069, and 70 is interpreted as 1970.

ç .

- 3.4.5 Julian Dates. Table 3-1 defines February 29 and March 1 as leap year test dates. These test dates are valid for systems that carry the day, month, and year. For systems that carry the Julian date, December 31 (day 366) and January 1 (day 1) are the dates appropriate for leap year testing. Where both date formats occur within a system, both tests apply.
- 3.4.6 **Date Expirations.** Date expirations may occur as a result of time shifting the system dates. Test preparation needs to identify and protect against date expirations. Examples of date expirations that may occur are:
 - License expirations
 - File expiration dates that may delete files, data or programs, passwords and user IDs
 - Archive and Retrieval functions
 - Database delete functions
 - Network Access
 - Hierarchical storage functions.
- 3.5. Levels of Testing. A phased approach to testing reduces the cost and time to identify and correct errors and increases the probability that errors will be discovered. Unit and Integration testing uncover errors injected during Y2K code corrections. The cost and schedule for fixing errors at the unit and integration levels are significantly less than at the higher testing levels. System testing verifies the system performs its functions correctly and interfaces with other systems across and after the Y2K transition. Acceptance testing determines whether the system is ready for normal operation. End-to-end testing ensures that critical mission threads function correctly and will provide essential mission services across and after the Y2K transition.
 - 3.5.1. Required Test Levels. Tables 3-1 through 3-8 in Section 3 of this document define the requirements Centers must follow in testing low, medium and high risk systems. For each level of risk, Tables 3.1 through 3-8 describe the test coverage, and entrance and exit criteria for completing the level of test specified. There is sufficient flexibility within the tables to allow the Centers to tailor these tests to their individual requirements. For example, Table 3-4 requires low risk systems to test basic system functions, but leaves it to the Centers to determine what constitutes the basic functions of the inventory item.
 - 3.5.2 Unit Level Test. Unit testing focuses on identifying and correcting defects in modified or newly developed units before they are integrated with other units. Unit test criteria (Table 3-2) apply to the smallest defined renovated module, e.g., subprograms, subroutines, or procedures. Unit test does not apply to COTS. Table 3-2 contains unit test criteria, which are required for unit testing of renovated

5.

modules other than COTS. For unit test, the same level of test applies to all risk levels.

Example: If a unit computes the position of the moon, and was renovated for Y2K, it would be tested to ensure it still correctly computes the position of the moon. Where possible, existing test cases would be used for this verification. For Y2K testing, additional tests would be designed and run to ensure that the position of the moon is computed correctly for the relevant dates described in Table 3-1.

3.5.3 Integration Level Test. Integration testing focuses on uncovering module interface errors introduced during renovation and verifying that the integrated components are Y2K compliant. Integration test focuses on the internal interfaces of the inventory item. Integration level test is based on the systems requirement specifications for the inventory item. Centers have the option to certify COTS inventory items at the integration level or system level.

Example: For an orbit determination system inventory item consisting of hardware, unchanged software, and renovated software such as the moon position module, integration tests would ensure that the inventory item still produced the same results using existing test cases. For Y2K testing, tests would also verify correct Y2K interfaces to the moon position module by ensuring that the orbit computed used the correct moon position and other data for the relevant dates described in Table 3-1.

Table 3-3 contains integration test criteria, which is required for integration-testing of renovated program modules other than COTS.

- 3.5.4. System Level Test. System testing involves testing all of the integrated components of an inventory item, including interfaces external to the inventory item, data, and operational procedures against their requirements specification. The risk level assigned to that inventory item, as Table 3-4 describes, determines the scope and depth of system testing. Specialized tests run either separately or in some combination in an actual or simulated operational environment are run to verify that entire system performs as intended. Tests may include
 - <u>Functional testing</u>: The purpose of functional or "black box" testing is to verify that the system correctly performs specified functions. As such, the test team's ability to design the functional tests is limited by the completeness and precision of the functional specifications. Starting with these specified functions, the test team develops test cases using a range of valid input conditions and options as well as invalid or unexpected inputs. The test team then compares the test outputs to expected outputs.
 - <u>Performance testing</u>: The purpose of performance testing is to assess how well a system meets specified performance requirements. Like functional testing, performance testing can only be as complete and precise as the system's defined performance requirements. Examples of performance requirements include specified system response times under normal workloads (e.g., defined

5

July 2, 1998

transaction volumes) and specified levels of system availability and mean times to repair.

- <u>Regression testing</u>: The purpose of regression testing is to demonstrate that newly added or modified system components (hardware or software) have not compromised system functionality and performance (i.e., have not introduced new errors).
- <u>Stress testing</u>: The purpose of stress testing is to analyze system behavior under increasingly heavy workloads (e.g., higher transaction rates) and severe operating conditions (e.g., high error rates, lower component availability rates), and, in particular, to identify points of system failure.

Example: For an orbit determination inventory item consisting of Flight Dynamics GOTS software, computer hardware and software, LAN connections to ground control systems and to White Sands Ground Terminal (WSGT): system level testing consists of verifying that the functions of each of these components operate correctly. Simulators are often used in testing external interfaces (e.g., the interface to WSGT). For systems that contain renovated code, the above tests are conducted using the current date, and results are compared against a known baseline. For Y2K testing, these tests are repeated for each of the relevant dates in Table 3-1. If the orbit determination inventory item is high risk, all system functionality and interfaces will be tested to the maximum extent possible, as described in Table 3-4.

For example, this may include testing orbit calculations for several moon positions. If the inventory item is medium risk, the functionality tested will be determined by the magnitude of the risk; for example, the number of moon position calculations will vary. If the inventory item is low risk, basic functionality will be tested. For example, the moon position may be ignored, as it has minimal effect on the orbit calculations.

System testing is required for all date affected inventory items. If certification is not performed at the integration level, certification is required at the system level.

3.5.5. Acceptance Test Level. Acceptance testing involves testing the entire information system, including interfaces with operational data. The degree of acceptance testing is based on risk level, as Table 3-5 describes. Acceptance testing should be done in a Y2K compliant environment with duplicate databases to avoid the risk of contaminating production systems and data.

Example: Refer to the example described for system testing. Operational scenarios developed for or by the ground systems operation team are performed in an operational environment using existing operational procedures. For systems that contain renovated code, the above tests are conducted using the current date, and results are compared against a known baseline. For Y2K testing, these tests are repeated for each of the relevant dates in Table 3-1. If the orbit determination inventory item is high risk, operational scenarios and operational data are used to verify that the system meets all operational requirements. The interfaces to the

5

July 2, 1998

WSGT and the ground control system will be tested to the maximum extent possible, as described in Table 3-5. If the inventory item is medium risk, the operational requirements tested will be determined by the magnitude of the risk. If the inventory item is low risk, testing is optional.

3.5.6. End-to-End Test Level. End-to-end testing validates NASA overall readiness to perform its organizational mission for the Y2K. End-to-end testing validates critical system processing, interfaces, and data across the enterprise through the testing of selected mission or business threads. End-to-end testing verifies that a defined set of interrelated systems, which collectively support a key mission or business function or thread, interoperate as intended in an operational environment. Table 3-6 describes test criteria for end-to-end testing.

Example: Refer to the example described for system testing. Testing a critical thread may consist of receiving current time, position, and attitude data from WSGT, performing orbit calculations, and sending the orbit data over the LAN to one ground control station.

If the enterprise is high risk, critical threads will be tested as described in Table 3-6. If the inventory item is medium risk, selected operational scenarios will be tested. If the inventory item is low risk, end-to-end testing is optional.

The complexity of end-to-end testing varies depending on the type of system. In the case of human rated inventory items, the end-to-end testing may involve multiple systems across multiple NASA Centers and may involve interfaces external to NASA. NASA Centers are responsible for identifying and prioritizing the mission processing threads to be exercised for end-to-end testing and for coordinating with other NASA Centers and external interfaces to NASA to support these end-to-end tests.

3.6 **Test Facilities and Test Tools.** Testing on the scale demanded by the Year 2000 program may require a larger, more robust testing environment than may currently exist. Centers should review the applicability of local test environments for Y2K testing and enhance the existing environments where practical.

Centers should evaluate tool libraries that support existing testing activities for applicability to Y2K testing. Where practical, Centers should also consider acquiring additional Y2K test tools if use of the tools provides additional risk mitigation or improves budget/schedule performance.

3.7 **Test Documentation**. Test documentation must be included for low, medium, and high risk inventory items. Test plan details may vary depending upon the risk level. For example, a high risk system must have a separate test plan, while a low risk system may use the blank checklist as a test plan and the completed checklist as a test report. Test requirements in Table 3-7 apply to system level tests. Documentation at other test levels shall be consistent

with existing Center practices.

3.8. Test Activity Metrics and Progress Reporting. Centers should establish processes and metrics for reporting test activity and progress. Metrics should reflect progress against key test milestones and include key indicators of test processes and results.

--

.

i

July 2, 1998

5.

	Tests			Risk Level	
Date(s)	Day of Week	Purpose	Low	Medium	High
6661/10/10	Friday	Tests "99" Character Strings	*	*	*
04/09/1999	Friday	Tests "99" Character Strings	*	*	*
6661/60/60	Thursday	Tests Programmers Default Date	*	*	*
12/31/1999	Friday	Tests "99" Character Strings	*	*	*
12/31/1999 > 01/01/2000	Friday > Saturday	Y2K rollover – note 01/01/1900 was a Monday	Required***	Required***	Required
(01/01/2000) > (01/02/2000)	Saturday > Sunday	Y2K - note 01/02/1900 was a Tuesday	Optional	Optional	Optional
02/28/2000 > 02/29/2000	Monday > Tuesday	Tests Leap Year	Required	Required	Required
02/29/2000 > 03/01/2000	Tuesday > Wednesday	Tests Leap Year	Optional	Optional	Recommended
Day 365>366 (Y2000)	Saturday > Sunday	Julian Day rollover – Leap Year Test	Required**	Required**	Required**
Year 2000, Day 366 > Year 2001, Day 001	Sunday > Monday	Julian Day rollover – Leap Year Test	Optional **	Optional **	Recommended**
02/28/2004 > 02/29/2004	Saturday > Sunday	Tests Leap Year	Optional	Optional	Optional
02/29/2004 > 03/01/2004	Sunday > Monday	Tests Leap Year	Optional	Optional	Optional
Critical Business Dates	System Dependent	Boundary Testing around date	Recommended	Recommended	Required
Window Dates	System Dependent	Tests Window Boundaries and Backward Time Test***	Recommended	Recommended	Required
Random Dates in Year 2000	Varies	Regression test to ensure system works for various dates in the year 2000	Required	Required	Required

Table 3-1. Time-Shift Test Dates for Y2K Time Shift Testing

Legend

The ">"represents a rollover of the system clock(s) from the first date to the second date. Critical business dates for accounting systems examples: Fiscal year rollover, quanterly dates, and year-end dates. For non-business systems, dates are those systems refer to dates which trigger periodic system processes such as backup or purge dates, or planning and scheduling processes. Fiscal year end processes need to be tested using 9/30/1997>10/01/1999 to ensure that the fiscal year changes to 2000.

Strongly recommended for business systems, e.g., payroll, human resources, financial tracking, and those using COBOL. Optional for other systems.
 Requirements apply to systems using Julian Dates only. Requirements do not apply to other systems.

July 2, 1998

3-7

۰,

*** Low and medium risk inventory items that opt to power down during the January 1, 2000 rollover are not required to test the 12/31/1999>01/01/2000 date. These inventory items must, at a minimum, conduct time shift testing for random dates in the Year 2000 ensure general functionality is validated.

: -

--

`

July 2, 1998

3-8

- -

Table 3-2. Unit Level Test (Required only for renovated components of inventory items)

				· · · · · · · · · · · · · · · · · · ·	j	
	High	Required	Same as Low Risk	Same as Low Risk	Same as Low Risk	
Risk Level	Medium	Required	Same as Low Risk	Same as Low Risk	Same as Low Risk	
	Low	Required	All functions to maximum extent practical	Components: Renovated Units except for COTS	Unit: Performs correctly for time-shift dates	
Criteria		Unit Test	Test Coverage	Entrance Criteria	Exit Criteria	

(Required only for renovated inventory items. However, may be used to certify COTS products.) Table 3-3. Integration Level Test

Criteria		Risk Level	
	Low	Medium	High
Integration Test	Recommended	Required	Required
Test Coverage	Related system components: renovated units except for COTS.	Same as Low Risk	Same as Low Risk
Entrance Criteria	System Components: Y2K compliant	Same as Low Risk	Same as Low Risk
	Data: Test data aged for time-shift dates		
Exit Criteria	Renovated system components: Perform to specification for time-shift dates	Same as Low Risk	Same as Low Risk

5

July 2, 1998

3-9

	High	Required	System Functions : All to maximum extent practical	Interfaces: Same as Low Risk	Operational Procedures: Test procedures	Data: Same as Low Risk	Same as Low Risk	System Functions, Interfaces and Data: Perform correctly for time-shift dates	Operational Procedures: Support Y2K operations	Performance Test (Recommended): Within acceptable limits.	Stress Test (Recommended): Within acceptable limits.
Risk Level	Medium	Required	System Functions: Varies based on magnitude of risk	Interfaces: Same as Low Risk	Operational Procedures: Review & selectively test based on magnitude of risk	Data: Same as Low Risk	Same as Low Risk	System Functions, Interfaces and Data: Perform correctly for time-shift dates	Operational Procedures: Support Y2K operations	Performance Test (Recommended): Within acceptable limits	
	Low	Required	System Functions: Basic	Interfaces: Tested to the maximum extent practical based on risk impacts and availability of compliant interfaces. Testing should include data bases, system-to-system, and user interfaces. Interfaces may be simulated.	Operational Procedures: Review	Data: Derived from subsets of operational data.	System Components: Y2K compliant. { Data: Data aged for time-shift dates	System Functions, Interfaces and Data: Perform correctly for time-shift dates	Operational Procedures: Support Y2K operations		
Criteria		System Test	Test Coverage				Entrance Criteria	Exit Criteria	<i>Ţ</i> .		

j

Table 3-4. System Level Test

NASA Year 2000 Test and Certification Guidelines and Requirements

July 2, 1998

3-10

۰,

Interfaces: Tested to the maximum extent System Functions, Interfaces and Data: Data: Operational Data aged for timebases, system-to-system, external, and Perform correctly for time-shift dates. practical. Testing should include data user interfaces. Interfaces may be simulated if testing with operational interfaces is not practical. Systems: All certified compliant. High **System Requirements** Required shift dates. Interfaces: Varies based on magnitude of risk System Functions, Interfaces and Data: Data: Operational Data aged for time-Perform correctly for time-shift dates. Varies based on magnitude of risk Systems: Certified compliant. **Risk Level** Medium Recommended shift dates. I.uw Optional N/A N/A N/A Acceptance Test **Entrance Criteria** Criteria **Test Coverage Exit Criteria**

Table 3-5. Acceptance Test Level

2-

5

July 2, 1998

3-11

Criteria			Risk Level	
	Irc	nov	Medium	High
End-to-End Test	Optional		Recommended	Required
Test Coverage	N/A		Selected operational scenarios	Critical Mission Threads
Entrance Criteria	N/A		Systems: Acceptance Tested	Systems: Acceptance Tested.
			Interfaces: External interfaces and others that support the operational scenarios	Interfaces: Interfaces that support critical Mission Threads
			Scenarios: Defined for testing; varies based on magnitude of risk	Mission Threads: Defined for testing
			Data: ()perational Data aged for time- shift dates	Data: Operational Data aged for time- shift dates.
Exit Criteria	N/A		System Functions & Interfaces perform correctly for the time-shift dates	Operational mission: Meet mission requirements for the time-shift dates

,

ł

.

r

· • •

5

Table 3-6. End-to-End Test Level

3-12

.

		· · · · · · · · · · · · · · · · · · ·		
	High	Test Plan/Test Procedures: Required	Test Report or Completed Checklist: Required	Certification Form signed by NASA Official: Required
Risk Level	Medium	Test Plan/Test Procedures: Optional (depends on risk magnitude).	Test Report or Completed Checklist: Required	Certification Form signed by NASA Official: Required
	Low	Test Plan/Test Procedures: Optional	Completed Checklist: Required	Certification Form signed by NASA Official: Required
Criteria		Documentation Maintained by	Organization	

Table 3-7. Test Documentation

٠.

÷.

۶ ·

Criteria		Risk Level	
	Low	Medium	High
Time Shift Dates	12/31/1999 > 01/01/2000	12/31/1999 > 01/01/2000	12/31/1999 > 01/01/2000
(applicable to each test	02/28/2000 > 02/29/2000	02/28/2000 > 02/29/2000	02/28/2000 > 02/29/2000
level)			Critical Business Dates
			Window Dates
Random Dates in 2000	Regression tests to Validate Functionality	Regression tests to Validate Functionality	Regression tests to Validate Functionality
Unit Test Level	All functions in renovated unit (except COTS) - to maximum extent practical	All functions in renovated unit (except COTS) - to maximum extent practical	All functions in renovated unit (except ;COTS) - to maximum extent practical
Integration Test Level	Related system components: renovated units except for COTS. However, may be used to certify COTS products.	Related system components: renovated units except for COTS. However, may be used to certify COTS products.	Related system components: renovated units except for COTS. However, may be used to certify COTS products.
System Test Level	System Functions: Basic	System Functions: Varies based on magnitude of risk.	System Functions : All
	Interfaces: Maximum extent practical based on risk impacts	Interfaces: Maximum extent practical based on risk impacts	Interfaces: Maximum extent practical based on risk impacts
	Operational Procedures: Review	Operational Procedures: Review & selectively test based on magnitude of risk	Operational Procedures: Test procedures
21	Data: Derived from subsets of operational data	Data: Derived from subsets of operational data.	Data: Derived from subsets of operational data
Acceptance Test Level			System Requirements
End-To-End Test Level			Critical Mission Threads

Table 3-8. Y2K Minimum Required Tests Summary

July 2, 1998

3-14

25 - N

ç .

Section 4. Guidelines on Y2K Compliance Criteria

This section provides general guidelines for NASA Centers to follow when determining the compliance of inventory items. Inventory items should satisfy four date-related criteria; items meeting all four can be considered "Y2K-compliant." Table 4-1 lists criteria for use in assessing inventory items for Y2K compliance.

Criterion	Description	
General integrity	No value for current date will cause interruptions in normal operation.	
Date integrity	All manipulations of calendar-related data (dates, durations, days of week, etc.) will produce desired results for all valid date values within the application domain.	
Explicit century	Date elements in interfaces and data storage permit specifying century to eliminate date ambiguity.	
Implicit century	For any date element represented without century, the correct century is unambiguous for all manipulations involving that element.	

Table 4.1. Criteria for Y2K Compliance

- 4.1.Criteria for Y2K compliance. Criterion serves as a high-level requirement for hardware and software. The following discussion elaborates on each:
 - 4.1.1. General integrity. As a system date advances normally on a host processor, each date rollover must not lead either the host process or any software executing there to erroneous processing. The best recognized high-risk date change is the rollover to 2000. The term "desired results" in Table 4-1 is intentionally broad and must be interpreted for specific technologies and applications.
 - 4.1.2. Date integrity. This criterion primarily covers the correctness of manipulations of date data as enumerated in Table 4-2. These manipulations need to be reliable only over the range of dates that an application is expected to handle. For example, sales-order processing may handle dates from 5 years in the past to 1 year in the future. In contrast, an employee database may store dates of birth from early in the 20th century to planned retirement dates well into the 21st century.
 - 4.1.3. Explicit century. This criterion essentially requires the capability to store explicit values for century. For example, third-party products that can use a 4-digit year in all date data elements stored and passed across each interface (including the user interface) would satisfy this criterion. A base-and-offset representation of dates that covers all centuries of interest would also satisfy this criterion. Whether this capability should be used to eliminate century ambiguity is part of the last criterion.

Category	Examples of manipulation
Arithmetic	 Calculate the duration between two dates Calculate date based on starting date and duration Calculate day of week, day within year, week within year
Branching	Compare two dates
Format	 Convert between date representation (YMD, Julian, etc.) Reference same data address with different variables
Data storage	 Storing and retrieving Sorting and merging Searching Indexing on disk file or database table Moving data within primary memory
Extended semantics	 "99" as special value for year "99.365" as special value for Julian date "00" as special value for year

Table 4-2. Variety of Manipulation of Date Data

- 4.1.4. **Implicit century**. This last criterion requires that, if the century is not explicitly provided, its value can be correctly inferred with 100 percent accuracy from the value of date provided. For example, the range of values for an "invoice date" would very rarely span more than 10 years. Because the century can always be guessed correctly for an invoice date with a 2-digit year, this date data element would satisfy this criterion. Note that this criterion permits cost-risk tradeoffs that minimize changes to existing date formats.
- 4.2. Interpretation of the Criteria. Although the four criteria fully define Y2K compliance, compliance represents a balance between cost and risk rather than an absolute "yardstick." Such a balance will vary according to programmatic or business needs and technology. Table 4-3 contains an interpretation of the criteria as an example. Note the importance of clearly identifying the calendar by name, the specific date ranges for relevant compliance, reasonable latitude in date format, and situations under which implicit century values will be tolerated. Also note that certain exceptions are included to support important options for optimal cost/risk tradeoff.
- 4.3. Standardizing the format for date data is an important part of Y2K compliance. For NASA systems, the Federal Information Processing Standard (FIPS) 4-1, *Representation of Calendar Date and Ordinal Date for Information Interchange*, applies. FIPS 4-1 adopts the ANSI standard X3.30-1988(R1991). The standard provides for implementation of both 4-

July 2, 1998

digit and 2-digit year formats in date information. In March 1996, the National Institutes of Standards (NIST) issued a change notice to the standard recommending the use of the 4-digit year format in information that is interchanged with other organizations. Also, in March 1996, NIST issued a Computer Systems bulletin on "The Millennium Rollover: The Y2K Problem."

4.4.NASA will use only the 4-digit date format defined in FIPS 4-1 for external data exchanges, unless an alternative format is mutually negotiated, and will follow the guidance contained in the March 1996 NIST bulletin. The year should encompass a 2-digit century that precedes, and is contiguous with, a 2-digit year-of-century (e.g., 1999, 2000, etc.). The 4-digit date format is recommended but not required for internal NASA systems and applications. Alternative formats or expansion approaches (e.g., windowing) may be appropriate given cost or other technical considerations.

1.00

Criterion	Description of criterion	Interpretation of criterion
General integrity	No value for current date will cause interruptions in normal	All software on all platforms will function correctly for all values of system date between 1985-01-01 and 2035-12-31.
	operation.	 Of special interest are the following dates and the ability to roll over to the correct next date: 1998-12-31, 1999-09-09, 1999-12-31, 2000-01-01, 2000-02-28, 2000-02-29, 2000-03-01, 2000-12-31, 2001-01-01
Date integrity	All manipulations of calendar-related data (dates, durations, days of week, etc.) will produce desired results for all valid date values within the application domain.	 All date values and calculations are based on the Gregorian calendar as defined in <i>Encyclopedia Britannica</i>, 15th edition, 1994, p. 430. Computing assets must correctly handle all representation and manipulation of dates with values between 1900-01-01 and 2050-12-31. Especially important is that all years in this 150-year range divisible by 4 are leap years except 1900. All software developed for NASA must initialize all date elements with either all zeros (0000-00-00) or null values. Null values are defined for each application by the development facilities, such as language compilers. A null-value feature is strongly recommended in third-party-software selection. All developed software must not contain literals or constants for dates unless required to capture specific business rules such as calculations of payroll deductions. All developed software must not use special date values as logical flags, such as "99" as year to mean "no end date" or "00" to mean "does not apply." Exceptions: Valid date ranges in existing developed or existing third-party software may start with the oldest date value in the application's archived data rather than with 1900-01-01 when there is no
Explicit century	Date elements in interfaces and data storage permit specifying century to eliminate date ambiguity	 business need to support earlier dates. All developed and third-party software must permit the use of date formats that explicitly specify century in all date data stored or transmitted. The format of these date elements must be YYYYMMDD or YYYYJJJ as specified by ANSI X3.30-1985(R1991) unless superseded by another application-specific standard or convention. In storing or transmitting date data, some applications must conform to domain-specific standards, contractual agreements, or application program interfaces to necessary third-party products whose date formats must supersede ANSI X3.30 as appropriate within the application. Third-party products must permit formatting data with explicit century in the user interface. All developed applications using third-party products must always explicitly supply century and never rely on those products' default value for century.
		 For date data formatted for a user interface, it is acceptable to use punctuation (slash, hyphen, period, comma) within a formatted date, to spell out or abbreviate the name of the month, or to reorder year-month-day to serve customs among the end-users. DBMSs that cannot store date in conformance with SQL standards but do store century explicitly (such as "DD-mmm-YYYY") are acceptable. Default values for century are permitted only when supplied by data-entry aids and the end-user can verify the defaulted value before committing the data.
Implicit century	For any date element represented without century, the correct century is unambiguous for all manipulations involving that element.	 Century must be explicit in all date data stored or transmitted unless the correct century can be inferred with 100% accuracy based on the value for dafe. Explicit century is preferred where practical. Developed and third-party software may imply century in the user interface in the format, YYMMDD or YYJJJ (as specified by ANSI X3.30). In storing or transmitting date data, some applications must conform to domain-specific standards whose requirements for dates may supersede ANSI X3.30 as appropriate within the application.
		Exceptions: For date data formatted for a user interface, it is acceptable to use punctuation such as slash within a formatted date, to spell out or abbreviate the name of the month, or to reorder year-month-day to serve customs among the end-users.

Table 4-3. Interpretive Example of Y2K Compliance Criteria

\$ '

•

Appendix A

Certification Signoff Form Examples

July 2, 1998

.

1

APPENDIX A1 NASA Center Level

Y2000 Inventory Item Certification for

Vendor Certified Products

Completion of this form indicates that the vendor documentation certifies the listed products are Y2K compliant.

NASA Center: _____

Inventory Item	Inventory No.	Date Certified	NASA Manager	NASA Manager Signature	Date
<u></u>		<u></u>			
- <u></u>		<u> </u>	<u></u>	· <u> </u>	
	<u> </u>	<u> </u>			
		<u> </u>			
			·····	······································	
				<u> </u>	
<u> </u>					
	······			· <u>····································</u>	······
		· · · · · · · · · · · · · · · · · · ·			
		<u> </u>		r	
			· · · · · · · · · · · · · · · · · · ·		
					
			······································		

Comments:	
	<i>Ţ</i>

I certify these inventory item meets the NASA Y2000 compliance requirements.

 Y2000 Project Manager

 Name ______
 Date ______

 .

July 2, 1998

APPENDIX A2 NASA Center Level

Y2000 Inventory Item Certification

for NASA Tested Items

Completion of this form indicates that the inventory item identified below including its components (hardware, software, firmware, and COTS) has passed the NASA Y2K required test. Based on these tests, the inventory item is now ready for operational or production use.

NASA Center:	Inventory Item:		Inventory No		
Date Certified:	Mission Critical	Non-Missic	on Critical		
Risk Level:	Level of Test Conducted_				

Comments:			

I certify this inventory item successfully meets NASA Y2000 test requirements commensurate with its risk level.

NASA Manager		
Name	Signature	Date
Y2000 Project Manager		
Name	Signature	Date

APPENDIX A3 NASA Center Level

Y2000 Inventory Item Certification

For Not Date Affected Items

Completion of this form indicates that the inventory items identified below are not affected by the Y2K rollover.

NASA Center: _____

Inventory Item	Inventory No.	Date Certified	NASA Manager	Manager Signature	Date
<u></u>					
	<u> </u>				
				f	· ·
Comments:					

I certify that the inventory items above are not date affected.

Y2000 Project Manager

2

Name _____

Signature

Date _____

A-4

July 2, 1998

Appendix B

Certification Checklist Example

July 2, 1998

5.1

Appendix B

Sample NASA Y2K Compliance Checklist

NASA Manager _____

Inventory Item

Inventory No.

The purpose of this checklist is to ensure NASA inventory item components are Y2K compliant. This form is to be used for the Y2K testing and certification process for all of the developed, COTS and Government off-the-shelf (GOTS) software, hardware, and firmware.

Date

Please respond to each question with the appropriate answer.

Product Identification (an asterisk indicates an optic	onal question)	
1. Please provide product information		
a. Name of product		
b. Name of Vendor (if COTS or GOTS)*]
c. Operational date of product (current or a future date)*		
d. Planned or actual replacement/retirement date of	Retirement date	ļ
product	Replacement date	
e. For planned replacements what is the contingency plan and under what conditions will it be invoked?*		
f. What are the safety critical portions of the product if any?*		
2. Each product has its own window of time, before and after the present date, in which it functions. Planning and scheduling products work with dates that are weeks, months, and years in the future. For your product and its window of time, verify its ability to successfully process data containing dates with no adverse effect on the application's functionality and with no impact on the customer or end user beyond adjustment to approved changes in procedures and data formats.		
a. Dates in 20 th century (1900s)	Verified () No() N/A()	
b. Dates in 21 st century (2000s)	Verified () No() N/A()	
c. Dates across century boundary (mix 1990s & 2000s)	Verified () No() N/A()	

5.

d. Crosses 1999 to 2000 successfully	Verified () No() N/A()

Other/Indirect Date Usage						
3. Have you verified performance (and corrected if necessary)?						
a. Dates embedded as parts of other fields	Verified ()	No()	N/A()
b. Dates used as part of a sort key	Verified ()	No()	N/A()
c. Usage of values in date fields for special purposes that are not dates (e.g. using 9999 or 99 to mean "never expire")	Verified ()	No()	N/A()
d. Date dependent activation/deactivation of: passwords, accounts, commercial licenses	Verified ()	No()	N/A()
e. Date representation in the operating product's file product (creation dates and modification dates of files and directories)	Verified ()	No()	N/A()
f. Date dependent audit information	Verified ()	No()	N/A()
g. Date dependencies in encryption/decryption algorithms	Verified ()	No()	N/A()
h. Date dependent random number generators	Verified ()	No()	N/A()
i. Date dependencies in firmware	Verified ()	No()	N/A()
j. Personal Computer BIOS and RTC does not reset the year to 1980 or 1984 on reboots after 31 Dec 1999 (corrections by operating product utilities allowed)	Verified ()	No()	N/A()
Leap Year						
4. Product accurately recognizes and processes Year 2000 as a leap year.						
a. February 29, 2000 is recognized as a valid date	Verified ()	No()	N/A()
b. Julian date 00060 is recognized as February 29, 2000	Verified ()	No()	N/A()
c. Julian date 00366 is recognized as December 31, 2000	Verified (),	No()	N/A()
d. Arithmetic operations recognize Year 2000 has 366 days	Verified ()	No()	N/A()
Usage of Dates Internally						
5. Internal application usage of dates and date fields must be clear and unambiguous in the context of the products which use them.						
a. Display of dates is clear and unambiguous (the ability to correctly determine which century a date belongs either by explicit display, i.e. 4-digit year,	Verified ()	Ņo()	N/A()

July 2, 1998

5.1

	· · · · · · · · · · · · · · · · · · ·
or product or customer inference)	
b. Printing of dates is clear and unambiguous	Verified () No() N/A()
c. Input of dates is clear and unambiguous	Verified () No() N/A()
d. Storage of dates is clear and unambiguous	Verified () No() N/A()
6. External interactions are identified and validated to correctly function for all dates.	
a. Interaction between this product and any other external time source, if existing, has been verified for correct operation.	Verified () No() N/A()
b. You and the responsible organization for each interface have negotiated an agreement dealing with Year 2000 issues	Verified () No() N/A()
Date Field Type	
7. Describe the type of date fields used by the Product, in either software or databases.	
a. Does the product use 4-digit year data fields?	Verified () No() N/A()
b. Does the product use 2-digit year data fields?	Verified () No() N/A()
c. If 2 digit, does the product use a century logic technique to correctly infer the century?	Verified () No() N/A()
d. At what date will the century logic fix fail?	
e. Are there any internal data types for dates?	Yes () No ()
If yes to e, what is the range of dates that the date field can represent?	
Year 2000 Testing Information	
8. Please provide the following information with regard to testing the product for Year 2000 compliance	
a. Testing Organization	
b. Name of Test Team Chief	
c. Date that Year 2000 compliance testing was completed	•
d. How was Year 2000 compliance determined? (certified by vendor or contractor, tested in-house, inspected but not tested, etc.)	
e. Are the test data sets available for regression testing on the next version release for questions 2,3,4,5,6,7d, and 7e?	Yes () No ()
	· · · ·

.

July 2, 1998

ç :

	t results and reports ava for questions 2,3,4,5,6,7	Yes () No ()	
	efined process for track 0 problems reported, ch ance, and return to	Yes () No ()	
Name of Interface External to the Inventory Item	Interfacing System_	Test Date	NASA Signature
Component Name	H/W Test Date S/W F/W COTS 		NASA Signature

. . . .

ç :

Appendix C

Glossary of Terms

July 2, 1998

Appendix C Glossary of Terms

Acceptance Testing

Testing the entire information system, including interfaces with operational data.

Application

A computer program designed to help people perform a certain type of work. Depending on the work for which it was designed, an application can manipulate text, numbers, graphics, or a combination of these elements.

Application testing

Required for each converted or replaced application.

Backward time testing

The ability to access all twentieth century data when system clocks are set to twenty-first century dates.

Baseline testing

Establishes the functional, interoperability, and performance baselines for system components undergoing Year 2000 renovation in advance of the application of the conversions. Such a baseline serves as the expected results for any regression testing after renovation.

Business area

A grouping of business functions and processes focused on the production of specific outputs.

Business cycle date

Recurring dates established because of the business cycle (e.g. payday, month end, year-end, quarterly reporting).

Business function

A group of logically related tasks that are performed together to accomplish an objective.

Business risk

The possibility that a business operation or service will fail because of a Y2K problem.

Certification

Indicates that an inventory item, including its system component (hardware, software, firmware, and COTS), has passed the NASA Year 2000 test criteria on the basis of its risk level. Vendors may also certify Y2K compliance.

5 -

Component

A single resource with defined characteristics. The component concept is used in defining precise specifications for testing the validity of various resources. These components are also defined by their relationship to other components.

Configuration management

The continuous control of changes made to a system's hardware, software, and documentation throughout the development and operational life of the system.

Contingency plan

In the context of the Year 2000 program, a plan for responding to the loss of a system because of a Year 2000 problem. In general, a contingency plan describes the steps the enterprise would take--including the activation of manual or contract processes--to ensure the continuity of its core business processes in the event of a Year 2000-induced system failure.

Conversion

The process of making changes to databases or source code.

Critical process

An information processing function needed to deliver a primary business service or mission objective.

Critical thread

Threads are a subset of processes and datasets (data threads) across an enterprise that produces or delivers a service or end product. Critical threads are those enterprise or end-to-end threads that are critical to the business or mission.

Database

An aggregation of data; a file consisting of a number of records or tables, each of which is constructed of files of a particular type, together with a collection of operations that facilitate searching, sorting, recombination, and similar operations.

End-to-End testing

Validation of all system processing, interfaces, and data across the enterprise by testing critical threads.

Entrance criteria

Conditions needed to begin testing.

Exit criteria

Conditions needed to successfully complete testing.

<u>,</u> . .

High Risk System

The system is classified as high risk if it meets any one of the following three criteria:

- Safety or human life is jeopardized by long or short term disruption of the service or product.
- Unscheduled disruptions in the service or product cannot be tolerated.
- Unscheduled disruption of service will put NASA at a disadvantage

Infrastructure

The computer and communication hardware, software, databases, people, and policies supporting the enterprise's information management functions.

Integration testing

Testing to determine that the related information system components perform to specification.

Interface

A boundary across which two systems communicate. An interface might be a hardware connector used to link to other devices, or it might be a convention used to allow communication between two software systems.

Inventory

In the context of a Year 2000 program, the process of determining the components that comprise the agency's systems portfolio. The inventory should include all applications, databases, files, and related system components that will require inspection to locate date data and related date computations.

Low Risk System

The system is classified as low risk if it meets either of the following criteria:

- Long duration, unscheduled disruption in the service or product can be tolerated. For example, disruption for up to 25 hours can be tolerated.
- Alternative means can provide a minimum-level of the same service or product.

Medium Risk System

The system is classified as medium risk if it meets either of the following criteria:

- Unscheduled disruptions for more than a short period of time will put NASA at a disadvantage. For example, disruptions for more than 1 hour will put NASA at a disadvantage.
- Only short duration, unscheduled disruptions in the service or product can be tolerated. For example, unscheduled disruptions for 3 hours or less can be tolerated.

<u>.</u>...

Metrics

Means by which software engineers measure and predict aspects of processes, resources, and products that are relevant to the software engineering activity.

Mission-critical System

Mission Critical System - A system is classified mission critical if it meets any one of the following four criteria:

- Requires special management attention because of its importance to the Agency mission or impact on the administration of Agency programs, finances, property, or other resources.
- Involves functions that affect safety or human life.
- System has high impact or risk. Negative impact on system would place NASA at significant or irreparable disadvantage. Failure has potential for catastrophic or significant loss of tangible assets or resources.
- Significant financial value.

Non-Mission Critical System

The system is non-mission critical if it meets any one of the following two criteria:

- Requires management attention because it supports important, but non-mission critical, functions or processes.
- System has minimal impact and risk. Negative impact on system would have minimal impact on missions or critical administrative processes. Failure has potential for loss of some tangible assets or resources.

Operating system

The software that schedules tasks, allocates storage, handles the interface to peripheral hardware, and presents a default interface to the user when no application program is running.

Performance testing

Testing to assess how well a system meets specified performance requirements. Examples of performance requirements include specified system response times under normal workloads (e.g., defined transaction volumes) and specified levels of system availability and mean times to repair.

Platform

The foundation technology of a computer system. Typically, a specific combination of hardware and operating system.

Production

The system environment where the agency performs its routine environment information processing activities.

Regression testing

Testing to demonstrate that newly added or modified system components (hardware or software) have not compromised system functionality and performance (i.e., have not introduced new errors).

Renovation

Conversion of an existing application.

Replacement

Development of a new application or upgrade of an existing application.

Retirement

Decommissioning of an existing application or component.

Risk assessment

A continuous process performed during all phases of system development to provide an estimate of the damage, loss, or harm that could result from a failure to successfully develop individual system components.

Risk based testing

Selective testing of system components, interfaces and data based on impacts of their failures to the business or mission.

Risk management

A management approach designed to reduce risks inherent to system development.

Standard

In computing, a set of detailed technical guidelines used as a means of establishing uniformity in an area of hardware or software development.

Stress testing

Testing to analyze system behavior under increasingly heavy workloads (e.g., higher transaction rates) and severe operating conditions (e.g., high error rates and lower component availability rates).

System testing

Testing to determine that the results generated by the enterprise's information systems and their components are accurate and that the systems perform to specification.

Test

The process of exercising a product to identify differences between expected and actual behavior.

Test facility

A computer system isolated from the production environment dedicated to testing and validating applications and system components.

Time shift test

Setting system clocks to a future date for validation of Year 2000 compliance.

Unit testing

Testing to determine that individual program modules perform to specification.

Utilities

Computer programs designed to perform maintenance work on the system or on system components--for example, a storage backup program, a disk or file recovery program, or a resource editor.

Validation

The process of evaluating a system or component during or at the end of the development process to determine whether it satisfies specified requirements.

Windowing

A technique for inferring the century from 2-digit year dates. Example: all years 70-99 are interpreted as century 1970-1999, and all years 00-69 are interpreted as 2000-2069.

Window boundaries

Dates at the extremes of the windows. For the Windowing example, window boundaries are 69-71 and 99-01.

Window dates

2-digit year dates occurring within a window. For the Windowing example, 70 - 99 are window dates.

Year 2000 compliant

"Year 2000 compliant" means, with respect to information technology, that the information technology accurately processes date/time data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to the extent that other information technology, used in combination with the information technology being acquired, properly exchanges date/time data with it." (48 CFR Part 39.002)

Year 2000 critical business cycle date

Information system critical processing dates (e.g. day of the week, month, quarter, year) determined by the business cycle.

C-6

5.

Year 2000 event horizons

The first date prior to January 1, 2000 that systems encounter a date on or after January 1, 2000 and the last date on or after January 1, 2000 that systems encounter a date prior to January 1, 2000.

Year 2000 problem

The potential problems and its variations that might be encountered in any level of computer hardware and software from microcode to application programs, files, and databases that need to correctly interpret year-date data represented in 2-digit-year format.

--

<u>.</u>

5 '

Appendix D

Date Dependency Checklist

July 2, 1998

: · ·

Appendix D Date Dependency Checklist

The following is a sample list of common date usages found in automated information systems. Components of inventory items not impacted by dates will exhibit none of these date usages. A specific inventory component may, however, require that additional forms of date usage be examined to determine date dependency (or non-dependency) because of the nature of the component and/or its functionality. Similarly, some forms of date usage may not apply to a given component.

Note that various date formats may be employed in each of the usages identified in the checklist below and that verification of non-date dependency may require checking for several different date formats for a given usage. Verification may be accomplished by various means, for example, inspection, observation, scanning, or by using automated tools (e.g., commercial Y2K code scanners), as appropriate for the component.

In general, for compliance assessment purposes, a component of an inventory item is said to have no date impact if the following conditions apply:

- There is no use of dates in the component.
- No dates are generated within the component.
- No date manipulation/calculations/comparisons are performed.
- No date logic of any kind is performed.
- No date moves are performed.
- Dates are neither input nor output from the component.
- Although date fields are not used for date representations, it is ensured they are also not used for other purposes such as "9's comparison" fields (e.g., use of 9999 as a termination code)

July 2, 1998

<u>,</u> ''

Data Dependency Checklist

Inventory Item: _____ Inventory No.: ____

Inventory Item Component Name and Version/Date/Model Number (as appropriate): Check:

Organization Performing Date Dependency

Name of Individual/Team Lead Performing Date Dependency Check:

Checklist	Yes	No	N/A	How Verified
Date used explicitly in code				
Date calculations in computation algorithms				
Dates embedded as parts of other fields				
Dates used as part of a sort key				
Use of data files with dates in them				
Usage of values in date fields for special purposes that are not dates (e.g. using 9999 or 99 to mean "never expire").				
Date-dependent activation/deactivation of: passwords, accounts, commercial licenses				
Date-dependent activation/deactivation of: scripts, subprograms, programs, other code execution				
Date-dependent activation/deactivation of: system functionality, alarms, exception procedures				
Date-dependent activation/deactivation of: operational procedures, backups, logging			Ŧ	
Date representation in file products (creation dates and modification dates of files and directories)				
Date dependent audit information		1		
Date dependencies in encryption/decryption algorithms	[1

Checklist	Yes	No	N/A	How Verified
Date-dependent random number generators				
Use of internal data types for dates				
Use of system date utilities or functions				
Use of software libraries that employ date functions, date- related information, or accept date input				
Date dependencies in firmware				
Display of dates				
Printing of dates		·		
Graphical displays or plots that portray date-related information				
Operator input of dates				
Operator input information (e.g., commands, data) that may be date-related				
Input of dates from disk				
Input of dates from tape				
Input of dates from CD ROM		1		
Input of dates from databases				
Input of dates from external systems				
Messages or E-mail that contain dates in header information				
Storage of dates on disk				
Storage of dates on tape				
Storage of dates on CD ROM			1	
Storage of dates in databases				
Data transfers across external interfaces, either as input to the component or output from it.				
Programmable Logic Controller (PLC) date displays			r.	
Embedded systems or subsystems that employ dates				
Digital panels/readouts containing dates				

· · ·

5.

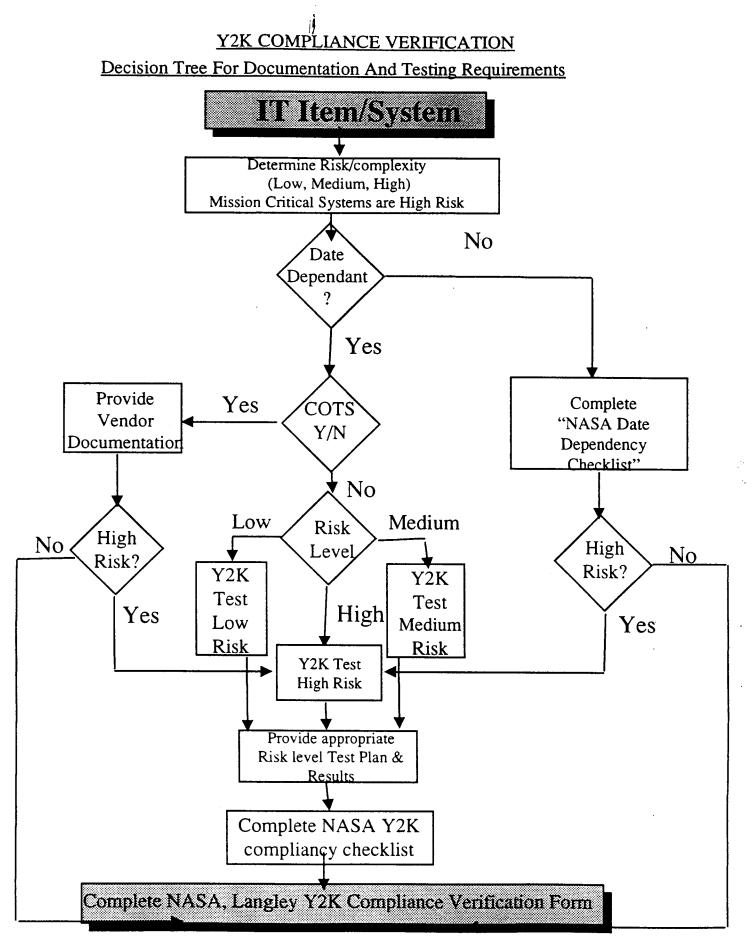
.

NASA Langley Research Center Y2K (Y2000) Compliance Verification Form

- IT Item Name/System, Short Description & Risk Level
- Documentation attachments (check off the applicable)
 - No Date Dependency Checklist
 - Vendor Documentation for COTS Products (Software, Hardware, Firmware) specify
 - Y2K Test Plan (appropriate to risk level)
 - Y2K Test Results (appropriate to risk level)
 - System Documentation
 - Y2K Compliancy Checklist
 - Project Plan for major Y2K Renovations
 - Other
- Comments:

I certify the IT Item/System provided has been tested for Y2K compliance in accordance with "NASA Y2000 Test and Certification Guidelines and Requirements" document and that the test(s) results indicate that the IT Item/System is compliant.

-Contractor Official	 Date
Concurrence	
-NASA (Technical Official)	 Date



BASED ON "NASA YEAR 2000 AGENCY TEST AND CERTIFICATION GUIDELINES AND REQUIREMENTS"

	······································						ويجرون والمتحد والمراجع	#: 2700-0042
AME	NDMENT OF SOLICITAT	ION/MODIFICATION OF			1. CONTRACT I	CODE		OF PAGES
	DMENT/MODIFICATION NO.	AUG 2 5 1998	4. REQUISITIO	NPURCHASE RE		5. PROJEC	CT NO. (# app	licable)
6. ISSU	67 ED BY C	CODE		See Block 1 RED BY (If other th		CODE		
La	ational Aeronautics and Sp angley Research Center ampton, VA 23681-0001	bace Administration						
8. NAM	E AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip C	ode) (x)	9A. AMENDM	ENT OF SOLIC	CITATION N	Ю.	
82	CI Information Systems, Ir 260 Greensboro Drive, Suit cLean, VA 22102			9B. DATED (
				10A. MODIFIC	CATION OF CO	NTRACT/C	DRDER NO.	
			x	NAS1-	20650			
CODE	I	FACILITY CODE		2/1/96				
		S ITEM ONLY APPLIES TO				;		
or (c) B RECEIN YOUR telegrar 12. AC PR: C	VED AT THE PLACE DESIGNATED F DFFER. If by virtue of this amendmer n or letter makes reference to the soli CCOUNTING AND APPROPRIAT GM.4216; JO: A5160; obli GML.1271; JO: M3786; ob A. THIS CHANGE ORDER IS ISSUED PL B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT	cludes a reference to the solicitation an OR THE RECEIPT OF OFFERS PRIO int you desire to change an offer already citation and this amendment, and is rec FION DATA (<i>If required</i>) gate \$79,579 (complete), Pl	d amendment nur R TO THE HOUF submitted, such o ceived prior to the R: GM.4233	nbers. FAILUR AND DATE SF change may be r opening hour ar JO: M179 NITEM 14 ARE N	E OF YOUR AC ECIFIED MAY made by telegra nd date specifie 11; Obligate	CKNOWLEE RESULT IN am or letter, d. \$150,00	DGEMENT T REJECTIO provided ea DO (comp	O BE N OF ch blete),
	PORTANT: Contractor 🛛 is no	ot is required to sign this docu	ment and return	0 copies	to the issuince	office		
14. DE T fc	SCRIPTION OF AMENDMENT/MODI he purpose of this modifica llowing changes are hereby	FICATION (Organized by UCF section ation is to provide increment y made to the Contract Sche (COr of the document referenced in item 9A or 10	headings, includi al funding in dule: ntinued) A, as heretofore cha	ng solicitation/co	ontract subject i t of \$299,5 changed and in ful	natter wher 79. Acc	cordingly	
				JO	AN Y. CR	EPPS		
15B. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	BY Jaa	STATES OF AN	Oren	<u>5</u>	F 25	SIGNED
NSN 75	(Signature of person authorized to signature of person authorized to signate the signal (Signature of person authorized to signature of person)-105/ (Sig	nature of Gontra		ARD FOR	<u> (</u> M 30 (Rev. 1	0-83)
	US EDITION UNUSABLE	-	\mathcal{C}				(48 CFR) 53.	

4

FILE COPY

A. Incremental Funding in the amount of \$299,579 is being provided as follows: funding for cost will be increased by \$299,579; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$11,732,390. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996 through October 12, 1998.

(b) An additional amount of \$699,916 is obligated under this contract for payment of fee."

CONTRACT TABULATION

1

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 27	\$7,735,374	\$437,396	\$8,172,770	\$7,069,629
Mod. 28	1,009,373	42,922	1,052,295	0
Mod. 29	0	0	0	100,000
Mod. 30	0	0	0	94,664
Mod. 31	0	0	0	80,000
Mod. 32	0	0	0	75,000
Mod. 33	0	0	0	0
Mod. 34	344,907	17,616	362,523	264,382
Mod. 35	0	. 0	0	0
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	1,125	28,177	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Mod. 65	0	0	0	475,466
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Total	\$15,169,282	\$705,636	\$15,874,918	\$12,432,306

Funding includes \$11,732,390 for cost and \$699,916 for fee.

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Status
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
I001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	n/a	Complete
HB002.01	21,853	1,046	\$22,899	22,899	n/a	Complete
AF010	1,295	78	\$1,373	1,373	Mod. 39	cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	cancelled
AF012	199,302	8,757	\$208,059	208,059	Mod. 41	Active
HB002.02	13,560	590	\$14,150	14,150	n/a	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	cancelled
AF009	187,847	8,049	\$195,896	195,896	Mod. 26	Active
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	cancelled
HB002.03	11,412	312	\$11,724	11,724	n/a	Active
GM003.01	TBD			200,000	n/a	pending
HA003.01	167,018	8,973	\$175,991	179,662	n/a	Active
HB002.04	27,052	1,125	28,177	28,177	n/a	Active
HB003	16,463	672	\$17,135	19,001	N/a	Active
			\$ 0			
			\$ 0			
			\$ 0			
········			\$ 0			
Total	\$3,907,425	\$173,462	\$4,080,887	\$4,237,927		

.

Л.

		à.	OMB A	pproval #: ∠/00-0042							
	OF SOLICITATION/MC	DIFICATION OF		1. CONTRACT ID CODE	PAGE 1	OF PAGES					
2. AMENDMENT/MOD		P 1 7 1998	4. REQUISIT	ION/PURCHASE REQ. NO. n/a	5. PROJECT N	O. (If applicable)					
6. ISSUED BY		<u> </u>	7. ADMINIST	ERED BY (If other than Item (
Langley Res	onautics and Space Ad earch Center A 23681-0001	ministration									
8. NAME AND ADDRE	ESS OF CONTRACTOR (No., str	eet, county, State, and Zip C	i Code) (x)	9A. AMENDMENT OF SO	LICITATION NO.						
	ation Systems, Inc. hsboro Drive, Suite 40 A 22102	00		9B. DATED (SEE ITEM 11)	• • • •						
			×	NAS1-20650							
CODE	FACILITY	CODE		10B. DATED (SEE ITEM 1	(3)						
				2/1/96 NTS OF SOLICITAT							
The shows sur-											
extended. Offers must acknowled (a) By completing item or (c) By separate lette RECEIVED AT THE PI YOUR OFFER. If by v telegram or letter make 12. ACCOUNTING AN	Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.										
<u>N/A</u>											
		CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITE	EM 14.						
(X) A. THIS CHA ORDER NO.	NGE ORDER IS ISSUED PURSU IN ITEM 10A.	JANT TO: (Specify authorit)	y) THE CHANG	ES SET FORTH IN ITEM 14	ARE MADE IN THE	ONTRACT					
	VE NUMBERED CONTRACT/OR date, etc.) SET FORTH IN ITEM				uch as changes in pa	ying office,					
	PPLEMENTAL AGREEMENT IS E		TO AUTHORI	Y OF:							
	Specify type of modification and a 6-76 Award Fee for Se		P 1993)								
	Contractor X is not, is required			copies to the issuing of							
The purpose amount earr Contract Scl	F AMENDMENT/MODIFICATION e of this modification is in hed as determined by the nedule: rein, all terms and conditions of the	revise the award fee le Government. Ac	e available cordingly, t	for the fifth award fe he following change	e period to refl is hereby mad	ect the e to the					
effect. 15A. NAME AND TITL	E OF SIGNER (Type or print)		16A. NAME A	ND TITLE OF CONTRACTIN	G OFFICER (Type o	r print)					
			LISA M	M. HARVEY RACTING OFFICE							
15B. CONTRACTOR		15C. DATE SIGNED	ву	STATES OF AMERICA	nner 9	ATE SIGNED					
(Signature of p NSN 7540-01-152-807	erson authorized to sign) 10	30-	<i>∨ (Sig</i> 105	nature of Contracting Officer) STAN	/) / DARD FORM 30 (Rev. 10-83)					
PREVIOUS EDITION	UNUSABLE		ile	Prescri	ibed by GSA 18 CFR) 53.243	······································					

,

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, the award fee available for the fifth award fee period is \$128,400 and is shown below:

"B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	\$90,000
February 1, 1997 - July 31, 1997	\$155,772
August 1, 1997 - January 31, 1998	\$101,313
February 1, 1998 - July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$113,767"

		· · · ·				OM	B Approval I	2700-0042
					1. CONTRACT	ID CODE		OF PAGES
	NDMENT OF SOLICITATION		CONTRAC	Γ			1	2
2. AMEN	DMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITIO			5. PROJECT	NO. (If app	licable)
	69	9130198		GM 4219				
6. ISSUE	D BY CODE		7. ADMINISTER	ED BY (If other	than Item 6)	CODE		
La	itional Aeronautics and Space ngley Research Center ampton, VA 23681-2199	Administration						
N(82	E AND ADDRESS OF CONTRACTOR (M CI Information Systems, Inc. 60 Greensboro Drive, Suite 4 cLean, VA 22102		(x)	9B DATED 10A MODIF NAS1	MENT OF SOL (SEE ITEM 11) (ICATION OF C -20650	ONTRACT/OR		
					•	9		
CODE	1			2/1/96	-			
	11. THIS I	TEM ONLY APPLIES TO A	MENDMENT	S OF SOL	ICITATIONS	\$		
Offers m (a) By c (c) By su RECEIV YOUR (or letter 12. ACC Pr	he above numbered solicitation is amenden nust acknowledge receipt of this amendmen ompleting Items 8 and 15, and returning eparate letter or telegram which includes a /ED AT THE PLACE DESIGNATED FOR DFFER. If by virtue of this amendment you makes reference to the solicitation and this OUNTING AND APPROPRIATION DATA (If requ eviously obligated via Mod. 6 DMPLETE	nt prior to the hour and date specifie copies of the amendment; (b) B reference to the solicitation and ame THE RECEIPT OF OFFERS PRIOR desire to change an offer already su s amendment, and is received prior to wired)	d in the solicitation of acknowledging endment number TO THE HOUR ubmitted, such cl o the opening ho	on or as amen preceipt of this s. FAILURE (AND DATE S hange may be our and date s	ded, by one of the amendment of S amendment of OF YOUR ACKN PECIFIED MAY made by telegrapecified.	a each copy of NOWLEDGEM RESULT IN F am or letter, pro-	ethods: the offer su ENT TO B REJECTION ovided eac	E N OF th telegram
(x)	A. THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) THE CHAN	GES SET FORTH	IN ITEM 14 ARE	MADE IN THE C	ONTRACT ORDE	R NO. IN IT	EM 10A.
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	TEM 14, PURSUANT TO THE AUT	HORITY OF FAI		CHANGES (suc	h as changes ii	n paying of	fice,
x	C. THIS SUPPLEMENTAL AGREEMENT IS E				1084)			
	52.243-2, Changes, Cost Re D. OTHER (Specify type of modification and au) Alternate	II (AFK	1704)			

E. IMPORTANT: Contractor is not is required to sign this document and return <u>3</u> copies to the issuing office.
 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to provide for a no-cost full and equitable adjustment pursuant to the Changes clause as a result of the specification being changed via Mod. No. 66. In addition, incremental funding is also being added to the contract. Accordingly, the following changes are hereby made to the Contract Schedule:

Incremental Funding in the amount of \$5,000 is being provided as follows: funding for cost will be increased by \$5,000; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

(continued)											
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)											
LENWOOD O. TRAMMELI	.E, JR., SR VP/GM	LISA M. HARV	EY								
15B. CONTRACTOR/OFFEBOR	15C. DATE SIGNED 09/30/98	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED								
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30		D FORM 30 (Rev. 10-83) SSA FAR (48 CFR) 53.243								

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$11,737,390. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through October 12, 1998.

(b) An additional amount of \$699,916 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 35	\$9,089,654	\$497,934	\$9,587,588	\$7,683,675
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	1,125	28,177	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Mod. 65	0	0	0	475,466
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	0	0	0
Mod. 69	0	0	0	5,000
Total	\$15,169,282	\$705,636	\$15,874,918	\$12,437,306

CONTRACT TABULATION

Funding includes \$11,737,390 for cost and \$699,916 for fee

Page 2 of 2 NAS1-20650 Modification No. 69

										# 2700-0
AME	NDMENT OF SOLIC		MODIFICATION	OF CO	NTR	АСТ	1. JUNTRACT	ID CODE	PAGE 1	OF PAGES
	DMENT/MODIFICATION NO.	ÀE	MODIFICATION C			VPURCHASE R		5. PROJEC	TNO. (If ap)	olicable)
	70	00	<u>,1 211 1990</u>			<u>GM 4250</u>				
6. ISSUE	DBY			7. ADM	INISTER	ED BY (If other	than item 6)	CODE		
La	tional Aeronautics an ngley Research Cente mpton, VA 23681-2	er	ninistration							
8. NAM	E AND ADDRESS OF CONTR	ACTOR (No., stre	et. county. State. and Zip Co	 de)	(x)	9A. AMEND	MENT OF SOL		D .	
	CI Information System	•	, ,	,						
	60 Greensboro Drive,				1					
	•	Sulle 400				9B. DATED	(SEE ITEM 11)			
1110	cLean, VA 22102									
						10A. MODI	ICATION OF C	ONTRACT/O	RDER NO	
						NAS'	-20650			
					x					
						10B. DATE	D (SEE ITEM 1	3)		
CODE		FACILITY	CODE		1	2/1/9	6			
	11.	THIS ITEM	ONLY APPLIES TO A	MEND	MENT	S OF SOL	ICITATION	S		
extender (a) By co or (c) By RECEIV YOUR C telegran	he above numbered solicitation d. Offers must acknowledge re- ompleting items 8 and 15, and 1 r separate letter or telegram wh ED AT THE PLACE DESIGNA DFFER. If by virtue of this amen or letter makes reference to to OUNTING AND APPROPRIATION D	ceipt of this amen returning ce ich includes a refe TED FOR THE Ri ndment you desire ne solicitation and	dment prior to the hour and c opies of the amendment; (b) erence to the solicitation and ECEIPT OF OFFERS PRIOF a to change an offer already s	late speci By acknow amendma TO THE submitted,	fied in t wledgin ent nur HOUR such c	he solicitation g receipt of th nbers. FAILU AND DATE S change may be	or as amended is amendment RE OF YOUR A SPECIFIED MAY a made by teleg	on each copy ACKNOWLED ARESULT IN ram or letter, (of the offer GEMENT REJECTIC	methods submitte TO BE DN OF
<u>A</u> :	5160; 282-30-02-04,	\$120,000	COMPLETE							
(x)	A. THIS CHANGE ORDER IS ISS	UED PURSUANT TO	D: (Specify authority) THE CHAN	NGES SET	FORTH	IN ITEM 14 ARE	MADE IN THE C	ONTRACT ORD	ER NO. IN I	TEM 10A.
х	B. THE ABOVE NUMBERED appropriation date, etc.) SET						CHANGES (suc	h as changes	in paying	office,
	C. THIS SUPPLEMENTAL AGRE	EMENT IS ENTERE	D INTO PURSUANT TO AUTHOP	RITY OF:						
	D. OTHER (Specify type of modif	cation and authority								
E IMC	ORTANT: Contractor	is not is r	equired to sign this docun	nent and	return	conies	to the issuing	office		

The purpose of this modification is to provide incremental funding to the contract. Accordingly, the following changes are hereby made to the Contract Schedule:

A. Incremental Funding in the amount of \$120,000 is being provided as follows: funding for cost will be increased by \$120,000; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

(continued)										
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.										
15A. NAME AND TITLE OF SIGNER (Type or print)		16A.	NAME AND TITLE OF CONT	RACTING OFFICER	(Type or print)					
				M. HARVEY						
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B.	UNITED STATES OF AMERI		16C. DATE SIGNED					
		BY	Disell	Harning	10/20/98					
(Signature of person authorized to sign)			(Signature of Contractin	g Officer)	101201-0					
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105		STANDARD FO Prescribed by GSA F	RM 30 (Rev. 10-83) AR (48 CFR) 53.243					



"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$11,857,390. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through October 31, 1998.

(b) An additional amount of \$699,916 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 35	\$9,089,654	\$497,934	\$9,587,588	\$7,683,675
Mod. 36	71,234	3,098	74,332	0
Mod. 37	303,302	12,518	315,820	250,000
Mod. 38	21,853	1,046	22,899	40,000
Mod. 39	3,938	237	4,175	0
Mod. 40	0	0	0	420,000
Mod. 41	199,302	8,757	208,059	143,783
Mod. 42	13,560	590	14,150	25,000
Mod. 43	0	0	0	130,000
Mod. 44	0	0	0	0
Mod. 45	0	0	0	0
Mod. 46	1,087,799	47,287	1,135,086	6,000
Mod. 47	0	0	0	0
Mod. 48	0	0	0	245,000
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	1,125	28,177	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Mod. 65	0	0	0	475,466
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	0	0	0
Mod. 69	0	0	0	5,000
Mod. 70				120,000
Total	\$15,169,282	\$705,636	\$15,874,918	\$12,557,306.00

CONTRACT TABULATION

Funding includes \$11,857,390 for cost and \$699,916 for fee

Page 2 of 2 NAS1-20650 Modification No. 70

					0	/B Approval #	2700-0042
	NONENT OF COLIDIT			1. CONTRACT	ID CODE	PAGEO	FPAGES
	NUMENT OF SOLICITA	TION/MODIFICATION C				1	2
	71		4. REQUISITION/PURCHASE		5. PROJEC	T NO. (If applied	cadio)
6. ISSU	· +	code OCT 30 1998	GM 425		CODE	· _ · = · · · · · · · · · · · · · · · ·	
			7. ADMINISTERED BY (If othe	ar than item oj	CODE	L	
La	ational Aeronautics and Sp ingley Research Center ampton, VA 23681-2199	pace Administration					
8. NAN	E AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip Co) xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	DMENT OF SOL	ICITATION NO	D .	
N	CI Information Systems, In						
	260 Greensboro Drive, Suit						
		e 400		D (SEE ITEM 11)			
M	cLean, VA 22102			0 (022 // 2/// / /)			
			10A. MOD	IFICATION OF C	ONTRACT/O	RDER NO.	
				1-20650			
				1 20000			
				ED (SEE ITEM 1	3)		· · · ·
CODE		FACILITY CODE	2/1/9		,		
		S ITEM ONLY APPLIES TO A	MENDMENTS OF SU		3		
(a) By c or (c) B RECEN YOUR telegran 12. ACC	ompleting Items 8 and 15, and returni y separate letter or telegram which ind /ED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmen	cludes a reference to the solicitation and OR THE RECEIPT OF OFFERS PRIOF It you desire to change an offer already s citation and this amendment, and is rece (required)	By acknowledging receipt of f amendment numbers. FAIL TO THE HOUR AND DATE submitted, such change may	this amendment of URE OF YOUR A SPECIFIED MAY be made by teleg	CKNOWLED RESULT IN ram or letter, p	of the offer si GEMENT TO REJECTION	ubmitted; DBE OF
(X)	A. THIS CHANGE ORDER IS ISSUED P	JRSUANT TO: (Specify authority) THE CHAN	NGES SET FORTH IN ITEM 14 AF	RE MADE IN THE C	ONTRACT ORD	ER NO. IN ITE	M 10A.
X	B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT	RACT/ORDER IS MODIFIED TO REFL H IN ITEM 14, PURSUANT TO THE AU	ECT THE ADMINISTRATIVE THORITY OF FAR 43.103(b)	CHANGES (suc	h as changes	in paying off	ісе,
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT TO AUTHOR	RITY OF:				
	D. OTHER (Specify type of modification of	and authority					
	PORTANT: Contractor 🛛 is no						
14. DE	SCRIPTION OF AMENDMENT/MODI	FICATION (Organized by UCF section I	eadings, including solicitation	n/contract subject	t matter where	feasible.)	
The	purpose of this modificati	on is to provide incremental	funding to the contra	ct. Accordi	ngly, the f	ollowing	
	nges are hereby made to th	-	to the collete				
Una	nges are nereby made to m	e Contract Schedule.					

٠

A. Incremental Funding in the amount of \$950,000 is being provided as follows: funding for cost will be increased by \$950,000; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

	(coi	ntinued)			
Except as provided herein, all terms and conditions of the doc	cument referenced in Item 9A or 10	A, as heretofore changed, remain	s unchanged and in full force an	d effect	
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		\sim	LISA M. HARVEY	7	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OI	FAMERICA	16C. DATE SIGNED	
		BY Kisel	1 Harris	10/30/98	
(Signature of person authorized to sign)		V (Signature of Co	ontracting Officer)	7 52,798	
NSN 7540-01-152-8070	3	0-105	STANDARD FORM 30 (Rev. 10-83)		
PREVIOUS EDITION UNUSABLE			Prescribed by GSA	FAR (48 CFR) 53.243	

FILE

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$12,807,390. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through December 31, 1998.

(b) An additional amount of \$699,916 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	0	0	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Total	\$15,169,282	\$ 705,636	\$15,874,918	\$13,507,306

CONTRACT TABULATION

Funding includes \$12,807,390 for cost and \$699,916 for fee

Page 2 of 2 NAS1-20650 Modification No. 71

		ATION/MODIFICATION	OF CON	ITR		JECT NO. (If applicable)
2. AMEN	DMENT/MODIFICATION NO. 72	DFC 02 1998	4. REQU	SHON	NPURCHASE REQ. NO. 5. PRO	
5. ISSUE		CODE	7. ADMIN	IISTER	ED BY (If other than Item 6) COL	DE [
La	ational Aeronautics and Sp ngley Research Center ampton, VA 23681-2199	pace Administration				
		P (No. stroot county State and Zin C	(me)	<u></u>	94. AMENDMENT OF SOLICITATIO	ON NO.
	CI Information Systems, I	DR (No., street, county, State, and Zip C	,e)	(x)		
	260 Greensboro Drive, Sui					
	cLean, VA 22102	ic 400			9B. DATED (SEE ITEM 11)	
144			ŀ		10A. MODIFICATION OF CONTRA	CT/ORDER NO.
					NAS1-20650	
				X		
					10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE	1		2/1/96	
extende (a) By c or (c) B RECEIV YOUR telegran	The above numbered solicitation is ar ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme	Includes a reference to the solicitation and FOR THE RECEIPT OF OFFERS PRICent you desire to change an offer already licitation and this amendment, and is re	ur and date s date specifi b) By acknow nd amendme DR TO THE I y submitted,	pecific ed in t ledgin ent nur HOUR such o	ed for receipt of Offers is exten the solicitation or as amended, by one or receipt of this amendment on each nbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le	of the following method copy of the offer submitt VLEDGEMENT TO BE T IN REJECTION OF
extende (a) By c or (c) B RECEIV YOUR telegral	The above numbered solicitation is an ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA	nended as set forth in Item 14. The hol of this amendment prior to the hour and hing copies of the amendment; (t cludes a reference to the solicitation an FOR THE RECEIPT OF OFFERS PRIC ent you desire to change an offer already licitation and this amendment, and is re (If required)	ar and date s l date specifi o) By acknow d amendme DR TO THE I y submitted, icceived prior	specific ed in t ledgin ent nur HOUR such o to the	ed for receipt of Offers is exten the solicitation or as amended, by one on the solicitation or as amendment on each nbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submit VLEDGEMENT TO BE T IN REJECTION OF atter, provided each
extende (a) By c or (c) B RECEIV YOUR telegran	The above numbered solicitation is an ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA	nended as set forth in Item 14. The hol of this amendment prior to the hour and ning copies of the amendment; (t ncludes a reference to the solicitation ar FOR THE RECEIPT OF OFFERS PRIC not you desire to change an offer already licitation and this amendment, and is re	ar and date s l date specifi o) By acknow d amendme DR TO THE I y submitted, icceived prior	specific ed in t ledgin ent nur HOUR such o to the	ed for receipt of Offers is exten the solicitation or as amended, by one on the solicitation or as amendment on each nbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submit VLEDGEMENT TO BE T IN REJECTION OF atter, provided each
extende (a) By c or (c) B RECEIV YOUR telegral	The above numbered solicitation is an ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	nended as set forth in Item 14. The hou of this amendment prior to the hour and ing copies of the amendment; (the noludes a reference to the solicitation and FOR THE RECEIPT OF OFFERS PRIC int you desire to change an offer already licitation and this amendment, and is re (If required) PURSUANT TO: (Specify authority) THE CH NTRACT/ORDER IS MODIFIED TO REI TH IN ITEM 14, PURSUANT TO THE A	ar and date s l date specifi o) By acknow ad amendme DR TO THE I y submitted, iceived prior	ADMIN	ed for receipt of Offers is exten the solicitation or as amended, by one ig receipt of this amendment on each mbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submit VLEDGEMENT TO BE T IN REJECTION OF etter, provided each
extende (a) By c or (c) B RECEIN YOUR telegran 12. ACC	The above numbered solicitation is an ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	nended as set forth in Item 14. The hou of this amendment prior to the hour and ining copies of the amendment; (t roludes a reference to the solicitation ar FOR THE RECEIPT OF OFFERS PRIC int you desire to change an offer already licitation and this amendment, and is re (if required) PURSUANT TO: (Specify authority) THE CH	ar and date s l date specifi o) By acknow ad amendme DR TO THE I y submitted, iceived prior	ADMIN	ed for receipt of Offers is exten the solicitation or as amended, by one ig receipt of this amendment on each mbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submit VLEDGEMENT TO BE T IN REJECTION OF etter, provided each
extende (a) By c or (c) B RECEIN YOUR telegran 12. ACC	The above numbered solicitation is an ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	nended as set forth in Item 14. The hol of this amendment prior to the hour and ing copies of the amendment; (t coludes a reference to the solicitation an FOR THE RECEIPT OF OFFERS PRIC int you desire to change an offer already licitation and this amendment, and is re (If required) PURSUANT TO: (Specify authority) THE CH ITRACT/ORDER IS MODIFIED TO REI TH IN ITEM 14, PURSUANT TO THE A IT IS ENTERED INTO PURSUANT TO AUTH	ar and date s l date specifi o) By acknow ad amendme DR TO THE I y submitted, iceived prior	ADMIN	ed for receipt of Offers is exten the solicitation or as amended, by one ig receipt of this amendment on each mbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submit VLEDGEMENT TO BE T IN REJECTION OF etter, provided each
extende (a) By c or (c) B RECEIN YOUR telegrat 12. ACC (x) X	The above numbered solicitation is an ed. Offers must acknowledge receipt completing ltems 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendmem or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification PORTANT: Contractor X is n	nended as set forth in Item 14. The hol of this amendment prior to the hour and ing copies of the amendment; (t coludes a reference to the solicitation an FOR THE RECEIPT OF OFFERS PRIC int you desire to change an offer already licitation and this amendment, and is re (if required) PURSUANT TO: (Specify authority) THE CH UTRACT/ORDER IS MODIFIED TO REI TH IN ITEM 14, PURSUANT TO THE A WT IS ENTERED INTO PURSUANT TO AUTH in and authority is required to sign this doct	ar and date s date specifi b) By acknow a amendme DR TO THE I y submitted, isceived prior ANGES SET F FLECT THE UTHORITY ORITY OF:	ADMIN OF F/	ed for receipt of Offers is exten the solicitation or as amended, by one greceipt of this amendment on each of nbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submit VLEDGEMENT TO BE T IN REJECTION OF etter, provided each T ORDER NO. IN ITEM 104 anges in paying office,
extende (a) By c or (c) B RECEIN YOUR telegran 12. ACC (x) X E. IM 14. DE	The above numbered solicitation is an ed. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGREEMEN D. CTHER (Specify type of modification PORTANT: Contractor is is necessary is necessary in the second	nended as set forth in Item 14. The hou of this amendment prior to the hour and ingcopies of the amendment; (the neludes a reference to the solicitation and FOR THE RECEIPT OF OFFERS PRIC Int you desire to change an offer already licitation and this amendment, and is re (if required) PURSUANT TO: (Specify authority) THE CH NTRACT/ORDER IS MODIFIED TO REI TH IN ITEM 14, PURSUANT TO THE A NT IS ENTERED INTO PURSUANT TO AUTH in and authority is required to sign this doct DIFICATION (Organized by UCF section	ar and date s l date specifi o) By acknow nd amendme DR TO THE I y submitted, iceived prior ANGES SET F FLECT THE NUTHORITY ORITY OF: ument and r n headings, i	ed in t ledgin ent nur HOUR such c to the ORTH ADMII OF F/	ed for receipt of Offers is exten the solicitation or as amended, by one greceipt of this amendment on each of mbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submitt VLEDGEMENT TO BE T IN REJECTION OF etter, provided each T ORDER NO. IN ITEM 10A anges in paying office, where feasible.)
extende (a) By c or (c) B RECEIN YOUR 12. ACC (x) X E. IM 14. DE The	The above numbered solicitation is an ad. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the solecounting AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification PORTANT: Contractor is is necessary is no service to the solecount of the second service to the second service to the second second service to the second sec	nended as set forth in Item 14. The hou of this amendment prior to the hour and ingcopies of the amendment; (the neludes a reference to the solicitation and FOR THE RECEIPT OF OFFERS PRIC Int you desire to change an offer already licitation and this amendment, and is re (If required) PURSUANT TO: (Specify authority) THE CH NTRACT/ORDER IS MODIFIED TO REL TH IN ITEM 14, PURSUANT TO THE A NT IS ENTERED INTO PURSUANT TO AUTH in and authority is required to sign this doct DIFICATION (Organized by UCF section tion is to exercise the third 1	ar and date s I date specifi) By acknown ad amendme DR TO THE I y submitted, iceived prior ANGES SET F FLECT THE NUTHORITY ORITY OF: ument and r n headings, i 2-month	ed in t ledgin ed in t ledgin nt nur HOUR Such c to the OF F/ ADMII OF F/ Peturn includi Opti	ed for receipt of Offers is exten the solicitation or as amended, by one greceipt of this amendment on each mbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified.	of the following method copy of the offer submitt VLEDGEMENT TO BE T IN REJECTION OF etter, provided each T ORDER NO. IN ITEM 10A anges in paying office, where feasible.) most recent wage
extende (a) By c or (c) B RECEIN YOUR telegral 12. ACC (X) X E. IM 14. DE The det	The above numbered solicitation is an ed. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification ESCRIPTION OF AMENDMENT/MODE e purpose of this modificat	nended as set forth in Item 14. The hor of this amendment prior to the hour and ing copies of the amendment; (the noludes a reference to the solicitation ar FOR THE RECEIPT OF OFFERS PRIC int you desire to change an offer already licitation and this amendment, and is re (if required) PURSUANT TO: (Specify authority) THE CH ITRACT/ORDER IS MODIFIED TO REI TH IN ITEM 14, PURSUANT TO THE A INT IS ENTERED INTO PURSUANT TO AUTH in and authority is required to sign this doct DIFICATION (Organized by UCF section tion is to exercise the third 1 the Mod. No. 68 entry on the	ar and date s l date specifi a) By acknow a amendme DR TO THE I y submitted, is ceived prior ANGES SET F FLECT THE NUTHORITY ORITY OF: ument and r n headings, i 2-month ne contrace	ADMIN OF F/ Peturn nr.uur opti opti	ed for receipt of Offers is exten the solicitation or as amended, by one in greceipt of this amendment on each of nbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified. IN ITEM 14 ARE MADE IN THE CONTRAC NISTRATIVE CHANGES (such as che AR 43.103(b). copies to the issuing office. In g solicitation/contract subject matter on period, incorporate the r bulation table of the modifi	of the following method copy of the offer submitt VLEDGEMENT TO BE T IN REJECTION OF etter, provided each T ORDER NO. IN ITEM 10A anges in paying office, where feasible.) most recent wage
extende (a) By c or (c) B RECEIN YOUR telegral 12. ACC (X) X E. IM 14. DE The det	The above numbered solicitation is an ed. Offers must acknowledge receipt completing Items 8 and 15, and return by separate letter or telegram which in VED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendme m or letter makes reference to the so COUNTING AND APPROPRIATION DATA A. THIS CHANGE ORDER IS ISSUED I B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification ESCRIPTION OF AMENDMENT/MODE e purpose of this modificat	nended as set forth in Item 14. The hou of this amendment prior to the hour and ingcopies of the amendment; (the neludes a reference to the solicitation and FOR THE RECEIPT OF OFFERS PRIC Int you desire to change an offer already licitation and this amendment, and is re (If required) PURSUANT TO: (Specify authority) THE CH NTRACT/ORDER IS MODIFIED TO REL TH IN ITEM 14, PURSUANT TO THE A NT IS ENTERED INTO PURSUANT TO AUTH in and authority is required to sign this doct DIFICATION (Organized by UCF section tion is to exercise the third 1	ar and date s l date specifi a) By acknow a amendme DR TO THE I y submitted, is ceived prior ANGES SET F FLECT THE NUTHORITY ORITY OF: ument and r n headings, i 2-month ne contrace	ADMIN OF F/ Peturn nr.uur opti opti	ed for receipt of Offers is exten the solicitation or as amended, by one in greceipt of this amendment on each of nbers. FAILURE OF YOUR ACKNOW AND DATE SPECIFIED MAY RESUL change may be made by telegram or le opening hour and date specified. IN ITEM 14 ARE MADE IN THE CONTRAC NISTRATIVE CHANGES (such as che AR 43.103(b). copies to the issuing office. In g solicitation/contract subject matter on period, incorporate the r bulation table of the modifi	of the following method copy of the offer submitt VLEDGEMENT TO BE T IN REJECTION OF etter, provided each T ORDER NO. IN ITEM 10A anges in paying office, where feasible.) most recent wage

	(con	tinued)			
Except as provided herein, all terms and conditions of the docum	ent referenced in Item 9A or 10A	, as heretofore changed, rema	ains unchang	ed and in full force and e	ffect
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTI	RACTING OFFICER	(Type or print)
		ROSEMARY C.	FROEH	ILICH	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	OF AMERIC	CA	16C. DATE SIGNED
		BY Reserva	y Ci	trachich	12/2/98
(Signature of person authorized to sign)		(Signature of	Contracting	g Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105	\mathcal{T}	STANDARD FOR Prescribed by GSA FA	

FILE

,

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$20,653,169 exclusive of the award fee of \$999,782 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$21,652,951.

B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	128,400 (earned)
August 1, 1998 - January 31, 1999	113,767
February 1, 1999 – July 31, 1999	157,265
August 1, 1999 – January 31, 2000	157,265"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Exhibit E, Register of Wage Determination and Fringe Benefits, dated July 2, 1997, is deleted in its entirety and replaced with the attached Wage Determination No. 94-2544, Revision No. 16, dated July 29, 1998.

C. The Mod. No. 68 entry on the contract tabulation table below is corrected to reflect the amount of unearned fee for the award fee period ending July 31, 1998.

Page 2 of 12 NAS1-20650 Modification No. 72

CONTRACT TABULATION

٠٠,

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 48	\$10,790,642	\$571,467	\$11,362,109	\$8,943,458
Mod. 49	422,395	25,189	447,584	0
Mod. 50	11,412	312	11,724	0
Mod. 51	5,107,315	295,376	5,402,691	0
Mod. 52	0	0	0	1,025,000
Mod. 53	0	0	0	0
Mod. 54	0	0	0	0
Mod. 55	(65,462)	(3,287)	(68,749)	28,000
Mod. 56	0	0	0	372,700
Mod. 57	(333,831)	(134,502)	(468,333)	0
Mod. 58	0		0	0
Mod. 59	167,018	8,973	175,991	1,025,000
Mod. 60	0	0	0	0
Mod. 61	(973,722)	(59,689)	(1,033,411)	0
Mod. 62	27,052	1,125	28,177	0
Mod. 63	16,463	672	17,135	0
Mod. 64	0	0	0	263,103
Mod. 65	0	0	0	475,466
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	(20,384)	(20,384)	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Total	\$20,653,169	\$999,782	\$21,652,951	*\$13,507,306

*Funding includes \$12,807,390 for cost and \$699,916 for fee

.

•

, .•

י,

Page 3 of 12 NAS1-20650 Modification No. 72 ι.

08/04/98 94-2544 VA, NORFOLK ***FOR OFFICIAL USE ONLY BY FEDERAL AGENCIES PARTICIPATING IN MOU WITH DOL*** REGISTER OF WAGE DETERMINATION UNDER U.S. DEPARTMENT OF LABOR THE SERVICE CONTRACT ACT EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION By direction of the Secretary of Labor Washington, D.C. 20210 Wage Determination No.: 94-2544 Revision No.: 16 Date of Last Revision: 07/29/1998 Wage Determinations Division of State): North Carolina, Virginia Areas: North Carolina COUNTIES OF Camden, Chowan, Currituck, Gates, Pasquotank, Perquimans Virginia COUNTIES OF Gloucester, Isle of Wight, James City, Mathews, Southampton, Surry, York, Chesapeake, Hampton, Newport News, Norfolk Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg ** Fringe Benefits Required For All Occupations Included In This Wage Determination Follow The Occupational Listing ** MINIMUM HOURLY WAGE OCCUPATION CODE AND TITLE Administrative Support and Clerical Occupations: \$ 6.75 01011 Accounting Clerk I Ś 8.52 01012 Accounting Clerk II \$ 10.60 01013 Accounting Clerk III \$ 11.50 01014 Accounting Clerk IV \$ 10.81 01030 Court Reporter \$ 9.23 01050 Dispatcher, Motor Vehicle \$ 9.29 01060 Document Preparation Clerk \$ 7.34 01070 Messenger (Courier) \$ 9.29 01090 Duplicating Machine Operator Ŝ 9.28 01110 Film/Tape Librarian \$ 7.34 01115 General Clerk I 9.03 \$ 01116 General Clerk II \$ 11.23 01117 General Clerk III \$ 12.55 01118 General Clerk IV \$ 11.98 01120 Housing Referral Assistant \$ 7.78 01131 Key Entry Operator I 9.79 \$ 01132 Key Entry Operator II \$ 7.40 01191 Order Clerk I \$ 9.68 01192 Order Clerk II 01261 Personnel Assistant (Employment) I \$ 8.85 \$ 10.23 01262 Personnel Assistant (Employment) II \$ 10.80 01263 Personnel Assistant (Employment) III 01264 Personnel Assistant (Employment) IV \$ 12.38 \$ 11.98 01270 Production Control Clerk Ś 9.28 01290 Rental Clerk 9.28 \$ 01300 Scheduler, Maintenance \$ 9.28 01311 Secretary I \$ 10.80 01312 Secretary II \$ 12.38 01313 Secretary III \$ 14.46 01314 Secretary IV \$ 15.18 01315 Secretary V 9.28 Ŝ 01320 Service Order Dispatcher \$ 8.78 01341 Stenographer I

Exhibit E

ς...

	. *		\mathbf{i}	
· •	01342	Stenographer II		\$ 9.86
	01400 \$	Supply Technician	· · ·	
	01420 9	Survey Worker (Interviewer)		\$ 10.80
	01460 :	Switchboard Operator-Receptionist		\$ 8.08
		Test Examiner		\$ 10.80 \$ 10.80
		Test Proctor		\$ 10.80 \$ 7.25
		Travel Clerk I Travel Clerk II		\$ 7.74
		Travel Clerk III		\$ 8.32
		Word Processor I		\$ 10.00
	01612	Word Processor II		\$ 11.27
	01613	Word Processor III		\$ 12.62
	Automat	ic Data Processing Occupations:		
		Computer Data Librarian		\$ 8.26 \$ 9.25
		Computer Operator I		\$ 10.70
		Computer Operator II Computer Operator III		\$ 13.25
		Computer Operator IV		\$ 15.34
		Computer Operator V		\$ 16.31
		Computer Programmer I 1/		\$ 13.38
		Computer Programmer II 1/		\$ 15.15
		Computer Programmer III 1/		\$ 18.05
		Computer Programmer IV 1/		\$ 21.52 \$ 17.62
	03101	Computer Systems Analyst I 1/		\$ 17.62 \$ 20.28
۲	03102	Computer Systems Analyst II 1/ Computer Systems Analyst III 1/		\$ 24.98
	03103	Peripheral Equipment Operator		\$ 8.26
	Automot	ive Service Occupations:		
	05005	Automobile Body Repairer, Fiberglass		\$ 16.22
		Automotive Glass Installer		\$ 14.79 \$ 14.79
		Automotive Worker		\$ 14.79 \$ 15.49
		Electrician, Automotive		\$ 13.37
		Mobile Equipment Servicer Motor Equipment Metal Mechanic		\$ 16.22
		Motor Equipment Metal Worker		\$ 14.79
		Motor Vehicle Mechanic		\$ 16.22
		Motor Vehicle Mechanic Helper		\$ 12.61
	05250	Motor Vehicle Upholstery Worker		\$ 14.07
		Motor Vehicle Wrecker		\$ 14.79
		Painter, Automotive		\$ 15.49 \$ 14.07
		Radiator Repair Specialist		\$ 13.37
		Tire Repairer Transmission Repair Specialist		\$ 16.22
		reparation and Service Occupations:		
				\$ 8.68
		Baker Coole I		\$ 7.85
		Cook I Cook II		\$ 8.68
		Dishwasher		\$ 6.05
		Food Service Worker (Cafeteria Worker)		\$ 6.05
		Meat Cutter		\$ 8.68
	07250	Waiter/Waitress		\$ 6.58

ι.

Furniture Maintenance and Repair Occupations:

.

))
•			\$ 15.49
	tic Spray Painter		\$ 13.45 ,, \$ 11.21
09040 Furniture			\$ 15.49
09070 Furniture	Refinisher Volper		\$ 12.61
09100 Furniture	Refinisher Helper		\$ 14.07
09110 Furniture			\$ 15.49
09130 Upholstere	1		
General Service a	and Support Occupations:		
11030 Cleaner, V			\$ 6.05 \$ 6.05
11060 Elevator (perator		\$ 7.75
11090 Gardener			\$ 5.93
11121 Housekeep:			\$ 6.05 \$ 7.75 \$ 5.93 \$ 6.49 \$ 6.05
11122 Housekeep	ing Aide II		\$ 6.05
11150 Janitor	Grounds Maintenance		\$ 6.58
11210 Laborer, 0 11240 Maid or H	Grounds Maintenance		\$ 5.52
11240 Maid of H 11270 Pest Cont			\$ 8.25
11270 Pest Conc. 11300 Refuse Co			\$ 6.05
11300 Refuse co 11330 Tractor O			\$ 7.38
11350 Window Cl	Panèr		\$ 6.58
Health Occupatio	ns:		
12020 Dental As	sistant		\$ 10.26
12020 Dented 12 12040 Emergency	Medical Technician/Para	nedic Ambulance Drive	er \$ 10.26
12071 Licensed	Practical Nurse I		Ş 0.17
12072 Licensed	Practical Nurse II		\$ 9.17
	Practical Nurse III		\$ 10.26
12100 Medical A	ssistant		\$ 9.17 \$ 9.17
12130 Medical L	aboratory Technician		\$ 9.17
12160 Medical F	ecord Clerk		\$ 12.71
12190 Medical F	ecord Technician		\$ 6.66
12221 Nursing A	ssistant I		\$ 6.66 \$ 7.49
12222 Nursing A	ssistant 11		\$ 8.17
12223 Nursing A	ssistant III		\$ 9.17
12224 Nursing A	SSIStant IV		\$ 11.44
12250 Pharmacy 12280 Phlebotom			\$ 9.17
12311 Registere			\$ 12.71
12312 Registere	d Nurse II		\$ 15.55
12313 Registere	d Nurse II, Specialist		\$ 15.55
12314 Register	d Nurse III		\$ 18.82
12315 Registere	ed Nurse III, Anesthetist	1	\$ 18.82
12316 Register	ed Nurse IV		\$ 22.55
Information and	Arts Occupations:		
13002 Audiovis	al Librarian		\$ 11.96
13011 Exhibits	Specialist I		\$ 15.02 \$ 18.25
13012 Exhibits	Specialist II		\$ 18.25 \$ 20.27
13013 Exhibits	Specialist III		\$ 20.27 \$ 15.02
13041 Illustra			\$ 18.25
13042 Illustra			\$ 20.27
13043 Illustra			\$ 13.75
13047 Libraria			\$ 11.02
13050 Library			\$ 11.33
13071 Photogra			\$ 15.02
13072 Photogra 13073 Photogra			\$ 18.25
13073 Photogra 13074 Photogra	pher IV		\$ 20.27
TTALE LUCCORTS	·		

ι.

\$ 24.53 13075 Photographer V ... Laundry, Drycleaning, Pressing and Related Occups: \$ 5.79 15010 Assembler \$ 5.79 15030 Counter Attendant \$ 6.94 15040 Dry Cleaner \$ 5.79 15070 Finisher, Flatwork, Machine \$ 5.79 15090 Presser, Hand \$ 5.79 15100 Presser, Machine, Drycleaning \$ 5.79 15130 Presser, Machine, Shirts \$ 5.79 15160 Presser, Machine, Wearing Apparel, Laundry \$ 7.39 15190 Sewing Machine Operator \$ 7.86 15220 Tailor \$ 6.19 15250 Washer, Machine Machine Tool Operation and Repair Occupations: \$ 15.49 19010 Machine-Tool Operator (Toolroom) \$ 17.84 19040 Tool and Die Maker Materials Handling and Packing Occupations: \$ 13.37 21010 Fuel Distribution System Operator \$ 12.19 21020 Material Coordinator \$ 12.19 21030 Material Expediter \$ 7.44 21040 Material Handling Laborer 8.46 \$ 21050 Order Filler \$ 9.05 21071 Forklift Operator \$ 10.54 21080 Production Line Worker (Food Processing) \$ 8.85 21100 Shipping/Receiving Clerk \$ 8.85 21130 Shipping Packer \$ 8.40 21140 Store Worker I \$ 10.22 21150 Stock Clerk (Shelf Stocker; Store Worker II) \$ 10.95 21210 Tools and Parts Attendant \$ 10.54 21400 Warehouse Specialist Mechanics and Maintenance and Repair Occupations: \$ 16.22 23010 Aircraft Mechanic \$ 12.61 23040 Aircraft Mechanic Helper \$ 16.94 23050 Aircraft Quality Control Inspector \$ 14.07 23060 Aircraft Servicer \$ 14.79 23070 Aircraft Worker \$ 15.49 23100 Appliance Mechanic \$ 13.37 23120 Bicycle Repairer \$ 16.22 23125 Cable Splicer \$ 15.49 23130 Carpenter, Maintenance \$ 14.79 23140 Carper Layer \$ 16.22 23160 Electrician, Maintenance \$ 13.99 23181 Electronics Technician, Maintenance I \$ 14.31 23182 Electronics Technician, Maintenance II \$ 15.33 23183 Electronics Technician, Maintenance III \$ 14.07 23260 Fabric Worker \$ 16.22 23290 Fire Alarm System Mechanic \$ 13.37 23310 Fire Extinguisher Repairer \$ 16.22 23340 Fuel Distribution System Mechanic \$ 14.79 23370 General Maintenance Worker 23400 Heating, Refrigeration and Air-Conditioning Mechanic \$ 16.22 \$ 16.22 23430 Heavy Equipment Mechanic

ι.

)

-		
•		
22440	Heavy Equipment Operator	\$ 16.22
	Instrument Mechanic	5 16.22
-	Laborer	\$ 9.68
	Laborer	\$ 15.49
	Machinery Maintenance Mechanic	\$ 16.18
	Machinist, Maintenance	\$ 16.22
	Maintenance Trades Helper	\$ 12.61
	Millwright	\$ 16.22
	Office Appliance Repairer	\$ 15.49
23700	Painter, Aircraft	\$ 15.49
	Painter, Maintenance	\$ 15.49
	Pipefitter, Maintenance	\$ 16.22
23800	Plumber, Maintenance	\$ 15.49
23820	Pneudraulic Systems Mechanic	\$ 16.22
	Rigger	\$ 16.22
	Scale Mechanic	\$ 14.79
	Sheet-Metal Worker, Maintenance	\$ 16.22
	Small Engine Mechanic	\$ 14.79
23930	Telecommunications Mechanic I	\$ 16.22
23931	Telecommunications Mechanic II	\$ 16.94
	Telephone Lineman	\$ 16.22
23960	Welder, Combination, Maintenance	\$ 16.22
	Well Driller	\$ 16.22
	Woodcraft Worker	\$ 16.22
	Woodworker	\$ 13.37
Persona	1 Needs Occupations:	
24570	Child Care Attendant	\$ 6.34
24580	Child Care Center Clerk	\$ 7.91
24600	Chore Aide	\$ 5.15
24630	Homemaker	\$ 8.33
Plant a	and System Operation Occupations:	
25010	Boiler Tender	\$ 16.22
	Sewage Plant Operator	\$ 15.49
	Stationary Engineer	\$ 16.22
	Ventilation Equipment Tender	\$ 12.61
25210	Water Treatment Plant Operator	\$ 15.49
Protect	tive Service Occupations:	
	Alarm Monitor	\$ 7.21 \$ 11.47
	Corrections Officer	\$ 11.47 \$ 11.91
	Court Security Officer	\$ 11.91 \$ 11.47
	Detention Officer	\$ 11.47 \$ 11.47
	Firefighter	\$ 11.47 \$ 6.03
	Guard I	\$ 7.21
	Guard II Dalian Officer	\$ 7.21 \$ 14.25
	Police Officer	ý 17.4J
Steved	oring/Longshoremen Occupational Services:	
	Blocker and Bracer	\$ 12.33
28010	Hatch Tender	\$ 12.33
		A 10 33
28020	Line Handler	\$ 12.33
28020 28030	Line Handler Stevedore I	\$ 12.33 \$ 11.80 \$ 12.96

ι.

Technical Occupations:

4

	e* 1
29010 Air Traffic Control Specialist, Center 2/	\$ 24.47
29011 Air Traffic Control Specialist, Station 2/	\$ 16.87
29012 Air Traffic Control Specialist, Terminal 2/	\$ 18.59
29023 Archeological Technician I	\$ 11.43
29024 Archeological Technician II	\$ 12.85
29025 Archeological Technician III	\$ 15.87
29025 Archeological Technician III	\$ 15.87
29030 Cartographic Technician	\$ 17.62
29035 Computer Based Training (CBT) Specialist/Instructor	\$ 15.87
29040 Civil Engineering Technician	
29061 Drafter I	\$ 10.07
29062 Drafter II	\$ 11.33
29063 Drafter III	\$ 14.24
29064 Drafter IV	\$ 17.30
and the second	\$ 11.50
29081 Engineering Technician I	
29082 Engineering Technician II	\$ 12.30
29083 Engineering Technician III	\$ 15.15
29084 Engineering Technician IV	\$ 18.35
29085 Engineering Technician V	\$ 21.43
29086 Engineering Technician VI	\$ 26.48
29090 Environmental Technician	\$ 15.87
29100 Flight Simulator/Instructor (Pilot)	\$ 20.28
29150 Graphic Artist	\$ 17.62
	\$ 15.23
29160 Instructor	\$ 11.83
29210 Laboratory Technician	\$ 15.87
29240 Mathematical Technician	\$ 10.80
29361 Paralegal/Legal Assistant I	\$ 13.12
29362 Paralegal/Legal Assistant II	
29363 Paralegal/Legal Assistant III	\$ 16.05
29364 Paralegal/Legal Assistant IV	\$ 19.42
29390 Photooptics Technician	\$ 15.87
29480 Technical Writer	\$ 15.02
29491 Unexploded Ordnance Technician I	\$ 15.55
29492 Unexploded Ordnance Technician II	\$ 18.82
29493 Unexploded Ordnance Technician III	\$ 22.85
29494 Unexploded Safety Escort	\$ 15.55
29495 Unexploded Sweep Personnel	\$ 15.55
29495 Mexproded Sweep Personner 29620 Weather Observer, Senior 3/	\$ 12.80
29620 Weather Observer, Senior 57 29621 Weather Observer, Combined Upper Air & Surface Programs 3	•
29621 Weather Observer, Compiled Dig 2/	\$ 11.83
29622 Weather Observer, Upper Air 3/	<i>¥</i> 11.00
Transportation/Mobile Equipment Operation Occups:	
31030 Bus Driver	\$ 9.42
	\$ 6.98
31260 Parking and Lot Attendant	\$ 6.98 \$ 9.01
31290 Shuttle Bus Driver	\$ 8.50
31300 Taxi Driver	\$ 9.01
31361 Truckdriver, Light Truck	\$ 9.42
31362 Truckdriver, Medium Truck	\$ 10.50
31363 Truckdriver, Heavy Truck	
31364 Truckdriver, Tractor-Trailer	\$ 10.50
Miscellaneous Occupations:	
99020 Animal Caretaker	\$ 7.00
99020 Animal Caretaker 99030 Cashier	\$ 5.93
	\$ 7.38
99041 Carnival Equipment Operator	\$ 7.75
99042 Carnival Equipment Repairer	\$ 6.05
99043 Carnival Worker	ų 0.00

٤.

)

\$ 7.00 99050 Desk Clerk ... \$ 17.63 99095 Embalmer \$ 5.36 99300 Lifeguard \$ 17.63 99310 Mortician \$ 6.73 99350 Park Attendant (Aide) 99400 Photofinishing Worker (Photo Lab Tech., Darkroom Tech) \$ 6.01 \$ 13.04 99500 Recreation Specialist 99510 Recycling Worker \$ 7.41 99610 Sales Clerk \$ 5.36 \$ 99620 School Crossing Guard (Crosswalk Attendant) 6.05 \$ 5.36 99630 Sports Official 99658 Survey Party Chief (Chief of Party) \$ 7.85 99659 Surveying Technician (Instr. Person/Surveyor Asst./Instr.) \$ 7.50 \$ 5.15 99660 Surveying Aide 99690 Swimming Pool Operator \$ 8.68 \$ 7.41 99720 Vending Machine Attendant \$ 8.68 99730 Vending Machine Repairer \$ 7.41 99740 Vending Machine Repairer Helper

** Fringe Benefits Required For All Occupations Included In This Wage Determination **

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employess employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: Minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

1/

Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

2/

APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3/

WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employee (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a ι.

Sunday preium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry

cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$4.25 per week (or \$.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Source of Occupational Titles and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Second Supplement, dated August 1995, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between ŧ ..

such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

`}

:...'

- · ·

1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).

2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description); and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage

ξ.,

		TATION/MODIFICATION			ACT	1. CONTRACT	ID CODE	PAGE OF
	IDMENT/MODIFICATION NO.	3 EFFECTIVE DATE	4. REQU	ISITION	I/PURCHASE	REQ. NO.	5. PROJE	CT NO. (If applic
	73	TAN 99 1200		S	ee block	. 12.		
6. ISSUE	ED BY	CODE	7. ADMIN	ISTER	ED BY (If oth	er than Item 6)	CODE	L
La	ational Aeronautics and angley Research Center ampton, VA 23681-219							
		TOR (No., street, county, State, and Zip C	iode)	(x)	9A AME	NDMENT OF SOL		NO.
	CI Information Systems.			<u>, \^/</u>				
	260 Greensboro Drive, S							
	IcLean, VA 22102				9B. DATE	D (SEE ITEM 11)	
_ / _			ŀ		10A MO	DIFICATION OF	CONTRACT/	ORDER NO
						S1-20650		
				х				
					10B. DAT	TED (SEE ITEM 1	3)	
CODE		FACILITY CODE			2/1/	96		
extende (a) By c or (c) B RECEN	The above numbered solicitation is ad. Offers must acknowledge rece completing Items 8 and 15, and ret by separate letter or telegram which VFD AT THE PLACE DESIGNATE	h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRICE	ur and date s date specifi) By acknow ad amendme DR TO THE I	specific ied in 1 rledgin ent nur HOUR	ed for recei he solicitat g receipt of nbers. FAI AND DAT	ot of Offers	is extended d, by one of t on each cop ACKNOWLE Y RESULT I	he following m y of the offer su DGEMENT TO N REJECTION
extende (a) By c or (c) B RECEN YOUR telegrad	The above numbered solicitation is ad. Offers must acknowledge rece completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DA	a amended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urning copies of the amendment; (b h includes a reference to the solicitation an :D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required)	ur and date s date specifi b) By acknow ad amendme DR TO THE I s submitted, s ceived prior	specific ied in t ledgin ent nur HOUR such o to the	ed for recei he solicitat g receipt of nbers. FAI AND DAT hange may opening ho	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date spec	is extended d, by one of t on each copy ACKNOWLE Y RESULT If gram or letter fried.	he following m y of the offer su DGEMENT TO N REJECTION
extende (a) By c or (c) B RECEIN YOUR telegrat 12. ACC A	The above numbered solicitation is ed. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DA F5500; M3159; 992300	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and ED FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5	ur and date s date specifi) By acknow da amendme DR TO THE I submitted, s ceived prior	specific ed in t rledgin ent nur HOUR such c to the 159	ed for recei he solicitat g receipt of nbers. FAll AND DAT hange may opening ho ; \$256,0	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date spect	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter ified.	he following m y of the offer su DGEMENT TC N REJECTION r, provided eac
extende (a) By c or (c) B RECEIN YOUR telegrat 12. ACC A	The above numbered solicitation is ed. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DA F5500; M3159; 992300	a amended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urning copies of the amendment; (b h includes a reference to the solicitation an :D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required)	ur and date s date specifi) By acknow da amendme DR TO THE I submitted, s ceived prior	specific ed in t rledgin ent nur HOUR such c to the 159	ed for recei he solicitat g receipt of nbers. FAll AND DAT hange may opening ho ; \$256,0	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date spect	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter ified.	he following m y of the offer su DGEMENT TC N REJECTION r, provided eac
extende (a) By c or (c) B RECEIN YOUR telegrat 12. ACC A	The above numbered solicitation is ed. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DAT F5500; M3159; 992300 AD1002, A6703, 28210	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and ED FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN	date specifi date specifi) By acknow ad amendme PR TO THE I submitted, s ceived prior 501; M3 M4277, A	specifie led in t ledgin ent nur HOUR such c to the 159 A516	ed for recei he solicitat g receipt of nbers. FAU AND DAT thange may opening ho ; \$256,0 0, 2823	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. C 4,000 Cot	he following m y of the offer su DGEMENT TC N REJECTION , provided eac mplete
extende (a) By c or (c) B RECEIN YOUR telegrat 12. ACC A	The above numbered solicitation is ed. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DAT F5500; M3159; 992300 AD1002, A6703, 28210	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and ED FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5	date specifi date specifi) By acknow ad amendme PR TO THE I submitted, s ceived prior 501; M3 M4277, A	specifie led in t ledgin ent nur HOUR such c to the 159 A516	ed for recei he solicitat g receipt of nbers. FAU AND DAT thange may opening ho ; \$256,0 0, 2823	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. C 4,000 Cot	he following m y of the offer su DGEMENT TC N REJECTION , provided eac mplete
extende (a) By c or (c) B RECEN YOUR 12. ACC A H	The above numbered solicitation is ed. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DA F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and ED FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN	ar and date s date specifi) By acknow d amendme DR TO THE I v submitted, s ceived prior 501; M3 M4277, A ANGES SET F	ADMII	ed for recei he solicitat g receipt of nbers. FAI AND DAT hange may opening ho ; \$256,0 i0, 2823	on or as amende this amendment LURE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE C	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter fied. C 4,000 Col CONTRACT OR	he following m y of the offer su DGEMENT TO N REJECTION r, provided eac mplete
extende (a) By c or (c) B RECEIN YOUR telegrau 12. ACC A H	The above numbered solicitation is ad. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend <u>m or letter makes reference to the</u> COUNTING AND APPROPRIATION DA F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC	armended as set forth in Item 14. The hou ipt of this amendment prior to the hour and urningcopies of the amendment; (b hincludes a reference to the solicitation ar ED FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN ED PURSUANT TO: (Specify authority) THE CHI ONTRACT/ORDER IS MODIFIED TO REF	ar and date s date specifi) By acknow da amendme DR TO THE I submitted, s ceived prior 501; M3 M4277, A ANGES SET F ELECT THE UTHORITY	ADMII	ed for recei he solicitat g receipt of nbers. FAI AND DAT hange may opening ho ; \$256,0 i0, 2823	on or as amende this amendment LURE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE C	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter fied. C 4,000 Col CONTRACT OR	he following m y of the offer su DGEMENT TO N REJECTION r, provided eac mplete
extende (a) By c or (c) B RECEIN YOUR telegrau 12. ACC A H	The above numbered solicitation is ad. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend <u>m or letter makes reference to the</u> COUNTING AND APPROPRIATION DA F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN D PURSUANT TO: (Specify authority) THE CH/ ONTRACT/ORDER IS MODIFIED TO REF DRTH IN ITEM 14, PURSUANT TO THE A MENT IS ENTERED INTO PURSUANT TO AUTHOR	ar and date s date specifi) By acknow da amendme DR TO THE I submitted, s ceived prior 501; M3 M4277, A ANGES SET F ELECT THE UTHORITY	ADMII	ed for recei he solicitat g receipt of nbers. FAI AND DAT hange may opening ho ; \$256,0 i0, 2823	on or as amende this amendment LURE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE C	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter fied. C 4,000 Col CONTRACT OR	he following m y of the offer su DGEMENT TO N REJECTION r, provided eac mplete
extende (a) By c or (c) B RECEN YOUR 1 telegran 12. ACC A H (x)	The above numbered solicitation is ad. Offers must acknowledge receiv completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DAY F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete _GN D PURSUANT TO: (Specify authority) THE CH/ ONTRACT/ORDER IS MODIFIED TO REF DRTH IN ITEM 14, PURSUANT TO THE A MENT IS ENTERED INTO PURSUANT TO AUTHO tion and authority	date specifi of date specifi of By acknow ad amendme of TO THE I resubmitted, s ceived prior 501; M3 M4277, A ANGES SET F FLECT THE UTHORITY ORITY OF:	ADMIII	ed for recei he solicitat g receipt of nbers. FAI AND DAT shange may opening ho copening h	bt of Offers on or as amende this amendment LURE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE O E CHANGES (su	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. C 4,000 Con Contract or ch as change	he following m y of the offer su DGEMENT TO N REJECTION r, provided eac mplete
extende (a) By c or (c) B RECEN YOUR 12. ACC A H (x) X	The above numbered solicitation is ad. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DAT F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifice PORTANT: Contractor	armended as set forth in Item 14. The hour ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN D PURSUANT TO: (Specify authority) THE CH/ ONTRACT/ORDER IS MODIFIED TO REF DRTH IN ITEM 14, PURSUANT TO THE A MENT IS ENTERED INTO PURSUANT TO AUTHOR	ar and date s date specifi) By acknow ad amendme PR TO THE I r submitted, s ceived prior 501; M3 M4277, A ANGES SET F FLECT THE UTHORITY ORITY OF:	ADMII OF F/	ed for recei he solicitat g receipt of nbers. FAU AND DAT thange may opening ho copening ho solution (\$ \$256,0 (0, 2823) IN ITEM 14 A NISTRATIV NISTRATIV NISTRATIV COPI	bt of Offers on or as amende this amendment LURE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE O E CHANGES (su)).	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. C 4,000 Con Contract of ch as change	he following m y of the offer su DGEMENT TC N REJECTION , provided eac mplete RDER NO. IN ITE as in paying off
extende (a) By c or (c) B RECEIN 12. ACC A H (X) X E. IM 14. DE	The above numbered solicitation is ad. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DA F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica PORTANT: Contractor is ISSCRIPTION OF AMENDMENT/M	armended as set forth in Item 14. The hou ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5)0199, \$50,000 Complete GN ED PURSUANT TO: (Specify authority) THE CH/ ONTRACT/ORDER IS MODIFIED TO REF DRTH IN ITEM 14, PURSUANT TO THE A MENT IS ENTERED INTO PURSUANT TO AUTHO tion and authority s not is required to sign this docu ODIFICATION (Organized by UCF section	ar and date s date specifi) By acknow damendme PR TO THE I submitted, s ceived prior 501; M3 M4277, A ANGES SET F ELECT THE UTHORITY DRITY OF: ment and re headings, ii	eturn notucii	ed for recei he solicitat g receipt of nbers. FAI AND DAT hange may opening ho ; \$256,0 i0, 2823 IN ITEM 14 A NISTRATIV AR 43.103(1 	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE O E CHANGES (su)).	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. C 4,000 Con Contract of ch as change g office. ct matter whe	he following m y of the offer su DGEMENT TC N REJECTION , provided eac mplete 20ER NO. IN ITE as in paying off are feasible.)
extende (a) By c or (c) B RECEN YOUR 12. ACC A H (x) X E. IM 14. DE The	The above numbered solicitation is ad. Offers must acknowledge rece- completing Items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DA F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica PORTANT: Contractor is ISSCRIPTION OF AMENDMENT/M	armended as set forth in Item 14. The hou ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN D PURSUANT TO: (Specify authority) THE CH/ ONTRACT/ORDER IS MODIFIED TO REF DRTH IN ITEM 14, PURSUANT TO THE A MENT IS ENTERED INTO PURSUANT TO AUTHO tion and authority s not is required to sign this docu ODIFICATION (Organized by UCF section cation is to provide incrementa	ar and date s date specifi) By acknow damendme PR TO THE I submitted, s ceived prior 501; M3 M4277, A ANGES SET F ELECT THE UTHORITY DRITY OF: ment and re headings, ii	eturn notucii	ed for recei he solicitat g receipt of nbers. FAI AND DAT hange may opening ho ; \$256,0 i0, 2823 IN ITEM 14 A NISTRATIV AR 43.103(1 	ot of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE O E CHANGES (su)).	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. C 4,000 Con Contract of ch as change g office. ct matter whe	he following m y of the offer su DGEMENT TC N REJECTION , provided eac mplete 20ER NO. IN ITE as in paying off are feasible.)
extende (a) By c or (c) B RECEN YOUR 12. ACC A H (x) X E. IM 14. DE The	The above numbered solicitation is ad. Offers must acknowledge received completing items 8 and 15, and ret by separate letter or telegram which VED AT THE PLACE DESIGNATE OFFER. If by virtue of this amend m or letter makes reference to the COUNTING AND APPROPRIATION DAY F5500; M3159; 992300 AD1002, A6703, 28210 A. THIS CHANGE ORDER IS ISSUE B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modifica- SCRIPTION OF AMENDMENTAM e purpose of this modific inges are hereby made to	armended as set forth in Item 14. The hou ipt of this amendment prior to the hour and urningcopies of the amendment; (b h includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIC ment you desire to change an offer already solicitation and this amendment, and is re TA (If required) 601, \$70,000 Complete; AF5 00199, \$50,000 Complete GN D PURSUANT TO: (Specify authority) THE CH/ ONTRACT/ORDER IS MODIFIED TO REF DRTH IN ITEM 14, PURSUANT TO THE A MENT IS ENTERED INTO PURSUANT TO AUTHO tion and authority s not is required to sign this docu ODIFICATION (Organized by UCF section cation is to provide incrementa	ar and date s date specifi) By acknow ad amendme PR TO THE I submitted, s ceived prior 501; M3 M4277, A ANGES SET F ELECT THE UTHORITY DRITY OF: Imment and r headings, iii	ADMIN of FA	ed for recei he solicitat g receipt of nbers. FAI AND DAT shange may opening ho opening ho (, \$256,0 (0, 2823) (0, 2	bt of Offers on or as amende this amendment URE OF YOUR SPECIFIED MA be made by teleg ur and date speci 00 Complete 00204, \$964 RE MADE IN THE O E CHANGES (su act. Accord	is extended d, by one of t on each cop ACKNOWLE Y RESULT If gram or letter filed. c 4,000 Con Contract or ch as change g office. ct matter whe ingly, the	he following m y of the offer su DGEMENT TC N REJECTION , provided eac mplete RDER NO. IN ITE as in paying off ore feasible.) c following

	•	tinued)	and affact
Except as provided herein, all terms and conditions of the docur 15A, NAME AND TITLE OF SIGNER (Type or print)	ment referenced in item 9A or 10A	16A. NAME AND TITLE OF CONTRACTING OFFI	CER (Type or print)
		LISA M. HARVI	ĚY
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNDED STATES OF AMERICA BY Man Hamley	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30		FORM 30 (Rev. 10-83) SA FAR (48 CFR) 53.243
		FILE	

3

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$13,847,390. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through June 10, 1999.

(b) An additional amount of \$999,916 is obligated under this contract for payment of fee."

• • •

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Total	\$20,653,169	\$999,782	\$21,652,951	\$14,847,306

CONTRACT TABULATION

Funding includes \$13,847,390 for cost and \$999,916 for fee.

Page 2 of 2 NAS1-20650 Modification No. 73 ı

•				-		ОМ	B Approval #:	2700-0042
					1. CONTRACT	ID CODE	PAGE OF	-
	ATION/MODIFICATION OF	CONTRA	СТ			1 0 000		3
2 AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISI	rion/Pu	n/a	EQ. NO.	5. PROJEC	T NO. (If applied	cable)
74	FEB 0 8 1999	7. ADMINISTERED BY (If other than Item 6) CODE					- ,	· · · · · · · · · · · · · · · · · · ·
ISSUED BY	CODE	- 7. ADMINIS	ERED	St (ir other	(nan item o)	CODE	L	<u></u>
National Aeronautics and S Langley Research Center Hampton, VA 23681-000								
NAME AND ADDRESS OF CONTRAC	TOR (No., street, county, State, and Zip Co	ode) (x) 9A	AMEND	MENT OF SOL	ICITATION N	0.	
NCI Information Systems	, Inc.							
8260 Greensboro Drive, S	uite 400		9B	DATED	(SEE ITEM 11,)		
McLean, VA 22102								
			10	A. MODIF	ICATION OF C	CONTRACT/C	RDER NO.	
					00650			
		>			-20650 D (SEE ITEM 1	21		
						3)		
ODE	FACILITY CODE			2/1/9				
RECEIVED AT THE PLACE DESIGNATE YOUR OFFER. If by virtue of this amendr	includes a reference to the solicitation and D FOR THE RECEIPT OF OFFERS PRIO ment you desire to change an offer already solicitation and this amendment, and is rece	amendment n R TO THE HC submitted, suc	umbers UR AN h chan	i. FAILUR D DATE S ge may be	E OF YOUR A PECIFIED MA made by teleg	CKNOWLEDO Y RESULT IN ram or letter, j	SEMENT TO REJECTION	BE I OF
(x) A. THIS CHANGE ORDER IS ISSUE	D PURSUANT TO: (Specify authority) THE CHA	NGES SET FOR	TH IN IT	TEM 14 ARI	E MADE IN THE (CONTRACT OR	DER NO. IN IT	EM 10A.
B. THE ABOVE NUMBERED C appropriation date, etc.) SET FO	ONTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AU	LECT THE AD	MINIS FAR 4	FRATIVE 3.103(b).	CHANGES (su	ch as changes	in paying of	fice,
C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTERED INTO PURSUANT TO AUTHO	DRITY OF:	۸1 ۲ ο	rnoto		109/) 22	d	lagraam
X 52.243-2, Changes, D. OTHER (Specify type of modificat	Cost Reimbursement (Au	g 1907)	AILE	Inace	11 (AFK	1904) all		
D. OTHER (Specify type or mouncal	on and additionly							
E. IMPORTANT: Contractor i	s not 🔀 is required to sign this doc	ument and r	eturn _	<u>3</u> a	opies to the is	suing office		
	ODIFICATION (Organized by UCF section i							
The purpose of this modifica	tion is to reallocate the Integra	ated Finar	icial 1	Manage	ement Proj	ect (IFMI	P) estima	ted
cost and award fee amounts i	into future option periods as a	result of t	he IF	MP pr	ogram beir	ng delayed	d. Accore	dingly,
he following changes are he								
5 5	-							

)

1.41

.

(cor	ntinued)
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10 15A. NAME AND TITLE OF SIGNER (<i>Type or print</i>) LENWOOD O. TRAMMEN E, SR VP/GM 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 15C. DATE SIGNED January 28, 1999 (Signature of person authorized to sign)	IA. as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LISA M. HARVEY 16B. UNITED STATES OF AMERICA BY Man Market (Signature of Contracting Officer)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	D-105 STANDARD FORM 30 (Rev. 10-53) Prescribed by GSA FAR (48 CFR) 53.243
FIL	E

A. As a result of IFMP being delayed, Section B, B.2, Paragraphs A and B, are revised to decrease and reallocate the IFMP estimated cost and award fee as follows: Estimated cost is decreased by \$2,148,856 from \$20,653,169 to \$18,504,313; award fee is decreased by \$116,302 from \$999,782 to \$883,480. Award fee for the sixth period is decreased by \$44,891 from \$113,767 to \$68,876. Award fee for the seventh and eighth period is decreased by \$71,411 from \$314,529 to \$243,118.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

}

, *****

5

- A. The estimated cost of this contract is \$18,504,313 exclusive of the award fee of \$883,480 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$19,387,793.
- B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$ 96,000 (earned)
August 1. 1996 - January 31, 1997	90,000 (earned)
February 1, 1997 - July 31, 1997	155,772 (earned)
August 1, 1997 - January 31, 1998	101,313 (earned)
February 1, 1998 - July 31, 1998	128,400 (earned)
August 1, 1998 - January 31, 1999	68,876
February 1, 1999 – July 31, 1999	121,559
August 1, 1999 – January 31, 2000	121,559

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Paragraph H.12, Options, Paragraphs A. and B. are deleted in their entirety and replaced with the following which reflects the revised contract values for each period:

"A. First through Fourth Option Periods

Item	Fourth Option <u>Period</u>
Period of Performance (Ref. F.1)	12 months
Estimated Cost (Ref. B.2.A)	\$ 6,910,917
Award Fee (Ref. B.2.A)	\$ 394,030
Award Fee Availability (Ref. B.2.B)	

Page 2 of 3 NAS1-20650 Modification No. 74 ι.

2/1/00 - 7/30/00	\$ 197,015
8/1/00 - 1/31/01	\$ 197,015

1

B .	Fifth through Tent	h Option Perio	<u>ds</u>			
Period of Performance (Ref. F.1)	Fifth Option <u>Period</u> 1 month	Sixth Option <u>Period</u> 1 month	Seventh Option <u>Period</u> 1 month	Eighth Option <u>Period</u> 1 month	Ninth Option <u>Period</u> 1 month	Tenth Option <u>Period</u> 1 month
Estimated Cost (Ref. B.2.A)	\$358,412	\$358,412	\$358,412	\$358,412	\$358,412	\$358,412
Fixed Fee (Ref. B.2.A)	\$ 18,712	\$ 18,712	\$ 18,712	\$ 18,712	\$ 18,712	\$ 18,712"

...

CONTRACT TABULATION

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod . 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Total	\$18,504,313	\$883,480	\$19,387,793	\$14,847,306

Funding includes \$13,847,390 for cost and \$999,916 for fee.

Page 3 of 3 NAS1-20650 Modification No. 74 ٤.,

ĺ

. .

				pproval #:)-0042		
	DMENT OF SOLICITAT	ION/MODIFICATION OF			PAGE (OF PAGE
2. AMEN	DMENT/MODIFICATION NO. 75	MAR 26 1999	4. REQUISIT	ION/PURCHASE REQ. NO. n/a	5. PROJECT NO	D. (If appl
6. ISSUE	D BY CO		7. ADMINIST	ERED BY (If other than Item 6)	CODE	
Lar	tional Aeronautics and Sp ngley Research Center mpton, VA 23681-0001	ace Administration				
8. NAME	AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip	Code) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
820	I Information Systems, 60 Greensboro Drive, S			9B. DATED (SEE ITEM 11)	<u></u>	
MC	Lean, VA 22102			10A. MODIFICATION OF CO	NTRACT/ORDER	NO.
			x	NAS1-20650 10B. DATED (SEE ITEM 13)		
CODE		FACILITY CODE		2/1/96		
<u> </u>	11. THIS I	TEM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIC	DNS	
RECEIVE YOUR O telegram	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION [ng copies of the amendment; cludes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI it you desire to change an offer alread citation and this amendment, and is r DATA (If required)	ind amendment n OR TO THE HOU by submitted, suc	umbers. FAILURE OF YOUR AU UR AND DATE SPECIFIED MAY h change may be made by telegr	CKNOWLEDGEME RESULT IN REJE am or letter, provid	ENT TO
RECEIVE YOUR O telegram 12. ACC N/A	separate letter or telegram which ind ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE	cludes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI It you desire to change an offer alread citation and this amendment, and is r	nd amendment n OR TO THE HOU by submitted, suc- eceived prior to th DIFICATION DER NO. AS	umbers. FAILURE OF YOUR AU JR AND DATE SPECIFIED MAY h change may be made by telegr te opening hour and date specific S OF CONTRACTS/O DESCRIBED IN ITEM	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. DRDERS, 1 14.	ENT TO CTION (led each
RECEIVE YOUR O telegram 12. ACC N/A	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT	Audes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI at you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MODES THE CONTRACT/ORE	Ind amendment m OR TO THE HOU by submitted, suc- eceived prior to th DIFICATION DER NO. AS ity) THE CHANG FLECT THE AD AUTHORITY OF	IURDERS. FAILURE OF YOUR AN UR AND DATE SPECIFIED MAY In change may be made by telegr the opening hour and date specific IS OF CONTRACTS/O DESCRIBED IN ITEM DESCRIBED IN ITEM DESCRIBED IN ITEM SES SET FORTH IN ITEM 14 AR MINISTRATIVE CHANGES (such FAR 43.103(b).	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. DRDERS, 1 14. RE MADE IN THE C	ENT TO CCTION (led each
RECEIVE YOUR O telegram 12. ACC N/A	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEI D. OTHER (Specify type of modifical	cludes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI it you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MOI ES THE CONTRACT/ORE ED PURSUANT TO: (Specify author FRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE WENT IS ENTERED INTO PURSUAN ation and authority)	Ind amendment n OR TO THE HOU by submitted, suc- eceived prior to the DIFICATION DER NO. AS ity) THE CHANG FLECT THE AD AUTHORITY OF IT TO AUTHORI	IURDERS. FAILURE OF YOUR AN UR AND DATE SPECIFIED MAY In change may be made by telegr the opening hour and date specific IS OF CONTRACTS/O DESCRIBED IN ITEM DESCRIBED IN ITEM DESCRIBED IN ITEM SES SET FORTH IN ITEM 14 AR MINISTRATIVE CHANGES (such FAR 43.103(b).	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. DRDERS, 1 14. RE MADE IN THE C	ENT TO CTION (led each
X	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEI D. OTHER (Specify type of modifica 18-52.216-76 Award Fee	cludes a reference to the solicitation a OR THE RECEIPT OF OFFERS PR It you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MOI ES THE CONTRACT/ORE ED PURSUANT TO: (Specify author TRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE MENT IS ENTERED INTO PURSUAN ation and authority) e for Service Contracts (Si	INT A STATE OF THE ADA	UNINISTRATIVE CHANGES (such FAR 43.103(b).	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. PRDERS, 1 14. RE MADE IN THE C th as changes in pay	ENT TO CTION (led each
KECEIVE YOUR O telegram 12. ACC N/A (X) (X) X E. IMP	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEI D. OTHER (Specify type of modifica 18-52.216-76 Award Fee ORTANT: Contractor X is not, i	cludes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI it you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MOI ES THE CONTRACT/ORE ED PURSUANT TO: (Specify author FRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE WENT IS ENTERED INTO PURSUAN ation and authority)	INT A AMENDARY AND A CONTRACT AND A	UNINISTRATIVE CHANGES (such FAR 43.103(b).	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed.	ENT TO CCTION (led each CONTRA
KECEIVE YOUR O telegram 12. ACC N/A (X) (X) (X) E. IMP(14. DES The am Co	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREED D. OTHER (Specify type of modifica 18-52.216-76 Award Fee DRTANT: Contractor X is not, i CRIPTION OF AMENDMENT/MODI e purpose of this modifica nount earned as determine ntract Schedule:	cludes a reference to the solicitation a OR THE RECEIPT OF OFFERS PR it you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MOI ES THE CONTRACT/ORE ED PURSUANT TO: (Specify author TRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE MENT IS ENTERED INTO PURSUAN ation and authority) e for Service Contracts (Si is required to sign this document a	Ind amendment m OR TO THE HOU by submitted, suc- eccived prior to the DIFICATION DER NO. AS ity) THE CHANG FLECT THE ADD AUTHORITY OF IT TO AUTHORITY EP 1993) and return in headings, inclu- ccordingly, to	Inimibers. FAILURE OF YOUR AN UR AND DATE SPECIFIED MAY In change may be made by telegrine opening hour and date specific IS OF CONTRACTS/O DESCRIBED IN ITEM DESCRIBED IN ITEM DESCRIBED IN ITEM DESCRIBED IN ITEM DESCRIBED IN ITEM DESCRIBED IN ITEM MINISTRATIVE CHANGES (such FAR 43.103(b). TY OF: 	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. PRDERS, 1 14. The MADE IN THE C the as changes in pay the as changes in pay e. matter where feasi hereby made	ENT TO CCTION (led each contra ying offic ying offic lble.)
KECEIVE YOUR O telegram 12. ACC N/A (X) (X) E. IMP(14. DES The am Co Except a: effect.	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREED D. OTHER (Specify type of modifica 18-52.216-76 Award Fee DRTANT: Contractor X is not, i CRIPTION OF AMENDMENT/MODI e purpose of this modifica nount earned as determine ntract Schedule:	chudes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI it you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MODE S THE CONTRACT/ORE ED PURSUANT TO: (Specify author IRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE WENT IS ENTERED INTO PURSUAN ation and authority) is for Service Contracts (SI is required to sign this document a FICATION (Organized by UCF section ation is revise the award for ed by the Government. A ditions of the document referenced in	Ind amendment m OR TO THE HOU by submitted, suc- eccived prior to the DIFICATION DER NO. AS ity) THE CHANG FLECT THE ADD AUTHORITY OF IT TO AUTHORITY EP 1993) and return	INTERPENDENT OF CONTRACTS/O IS OF CONTRACTS/O DESCRIBED IN ITEM IS OF CONTRACTS/O DESCRIBED IN ITEM DESCRIBED IN ITEM IS OF CONTRACTS/O DESCRIBED IN ITEM INTEM INTERNATIVE CHANGES (such FAR 43.103(b). TY OF: copies to the issuing office ding solicitation/contract subject for the sixth award fee the following change is as heretofore changed, remains u IND TITLE OF CONTRACTING (M. HARVEY	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. PRDERS, <u>114.</u> RE MADE IN THE C that as changes in pay e. matter where feast e period to refi hereby made	ENT TO CCTION (led each CONTRA ying offic lble.)
RECEIVE YOUR O telegram 12. ACC N// (X) (X) (X) E. IMPP 14. DES Thr am Co Except a effect. 15A. NA	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREED D. OTHER (Specify type of modifica 18-52.216-76 Award Fee DRTANT: Contractor X is not, i CRIPTION OF AMENDMENT/MODI e purpose of this modifica nount earned as determine ntract Schedule:	chudes a reference to the solicitation a OR THE RECEIPT OF OFFERS PRI it you desire to change an offer alread citation and this amendment, and is r DATA (If required) APPLIES ONLY TO MODE S THE CONTRACT/ORE ED PURSUANT TO: (Specify author IRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE WENT IS ENTERED INTO PURSUAN ation and authority) is for Service Contracts (SI is required to sign this document a FICATION (Organized by UCF section ation is revise the award for ed by the Government. A ditions of the document referenced in	Ind amendment in OR TO THE HOU by submitted, suc- eccived prior to the DIFICATION DER NO. AS ity) THE CHANG EFLECT THE ADD AUTHORITY OF IT TO AUTHORITY EP 1993) and return	IND TITLE OF CONTRACTING OF INTERPENDING CONTRACTS OF CONTRACTS/OF DESCRIBED IN ITEM 14 AR DESCRIBENCIAL DES	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. PRDERS, <u>114.</u> E MADE IN THE C th as changes in pay e. matter where feasi e period to refi hereby made unchanged and in fr OFFICER (<i>Type</i> or 16C. <i>D</i> / 2	ENT TO E CCTION C led each CONTRAC ying office ying office ying office to the full force a
RECEIVE YOUR O telegram 12. ACC N/A (X) (X) (X) E. IMPO 14. DES Thr arm CO Except a: effect. 15A. NA	separate letter or telegram which inc ED AT THE PLACE DESIGNATED F FFER. If by virtue of this amendmen or letter makes reference to the soli OUNTING AND APPROPRIATION I A 13. THIS ITEM IT MODIFIE A. THIS CHANGE ORDER IS ISSU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREED D. OTHER (<i>specify type of modific</i> 18-52.216-76 Award Fee ORTANT: Contractor X is not, i CRIPTION OF AMENDMENT/MODI e purpose of this modification to act of this modification intract Schedule: s provided herein, all terms and cond ME AND TITLE OF SIGNER (<i>Type of</i>	Area a reference to the solicitation a OR THE RECEIPT OF OFFERS PR it you desire to change an offer alread citation and this amendment, and is r DATA (<i>II required</i>) APPLIES ONLY TO MODE S THE CONTRACT/ORE ED PURSUANT TO: (Specify author IRACT/ORDER IS MODIFIED TO RE H IN ITEM 14, PURSUANT TO THE . MENT IS ENTERED INTO PURSUAN ation and authority) e for Service Contracts (S is required to sign this document a FICATION (Organized by UCF section ation is revise the award fer ed by the Government. A ditions of the document referenced in or print) 15C. DATE SIGNED	Ind amendment m OR TO THE HOU by submitted, suc- eccived prior to the DIFICATION DER NO. AS ity) THE CHANG FLECT THE ADD AUTHORITY OF IT TO AUTHORITY EP 1993) and return	INTERPENDICULAR INTERPENDICULAR INTERPENDICULAR AND DATE SPECIFIED MAY In change may be made by telegrine opening hour and date specific IS OF CONTRACTS/O DESCRIBED IN ITEM DESCRIBED IN ITEM D	CKNOWLEDGEME RESULT IN REJE am or letter, provid ed. PRDERS, <u>114.</u> E MADE IN THE C th as changes in pay e. matter where feasi e period to refi hereby made unchanged and in fr OFFICER (<i>Type</i> or 16C. <i>D</i> / 2	ENT TO I CCTION C Led each CONTRAC ying offic ible.) lect th e to the full force :

FILE

Page 2 of 2 NAS1-20650 Modification No. 75

τ.

۰ ۲

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, the award fee available for the sixth award fee period is \$60,060 and is shown below:

"B. The award fee available for each evaluation period is as follows:

)

- 1- 7

Period	Available Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	\$90,000
February 1, 1997 - July 31, 1997	\$155,772
August 1, 1997 - January 31, 1998	\$101,313
February 1, 1998 - July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$ 60,060 "

AMENDMENT OF SOLICITA	ATION/MODIFICATION OF				ID CODE	PAGE O
	3 EFFECTIVE DATE		T DN/PURCHASE	REO NO	5 PROJEC	1 CT NO. (If appl
76	APR 1 2 1900		N/A			от но. (<i>л арр</i>
5. ISSUED BY	CODE	7. ADMINISTE	RED BY (If othe	r than Item 6)	CODE	
National Aeronautics and S Langley Research Center Hampton, VA 23681-000						
8. NAME AND ADDRESS OF CONTRAC	TOR (No., street, county, State, and Zip C	ode) (x)	9A. AMEN	DMENT OF SO		10.
NCI Information Systems	, Inc.					
8260 Greensboro Drive, S McLean, VA 22102	uite 400		9B. DATEL) (SEE ITEM 11)	
			10A. MOD	FICATION OF	CONTRACT/C	ORDER NO.
		×		1-20650		
			10B. DATE	D (SEE ITEM 1	13)	
CODE	FACILITY CODE		2/1/9			
11. T	HIS ITEM ONLY APPLIES TO	MENDMEN	TS OF SOL	ICITATION	S	
	D PURSUANT TO: (Specify authority) THE CH/					
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FO	ONTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AU	LECT THE ADM	INISTRATIVE			
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FO	ONTRACT/ORDER IS MODIFIED TO REF	LECT THE ADM	INISTRATIVE			
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FO	ONTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority	LECT THE ADM	INISTRATIVE			
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FO C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati X MUTUAL AGREEME E. IMPORTANT: Contractor	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT s not X is required to sign this doo	ELECT THE ADM JTHORITY OF F, DRITY OF:	UNISTRATIVE AR 43.103(b).	CHANGES (su	ch as changes	s in paying o
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MUTUAL AGREEME E. IMPORTANT: Contractor is 14. DESCRIPTION OF AMENDMENT/MO	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT IS not is required to sign this doo DDIFICATION (Organized by UCF section	ELECT THE ADM JTHORITY OF F, DRITY OF: Cument and ret headings, includ	UNISTRATIVE AR 43.103(b). urn <u>3</u> c	CHANGES (su opies to the is contract subjec	ch as changes ssuing office t matter where	s in paying of e. e feasible.)
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MUTUAL AGREEME E. IMPORTANT: Contractor is 14. DESCRIPTION OF AMENDMENT/MO	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT s not X is required to sign this doo	ELECT THE ADM JTHORITY OF F, DRITY OF: Cument and ret headings, includ	UNISTRATIVE AR 43.103(b). urn <u>3</u> c	CHANGES (su opies to the is contract subjec	ch as changes ssuing office t matter where	s in paying of e. e feasible.)
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MUTUAL AGREEME E. IMPORTANT: Contractor in 14. DESCRIPTION OF AMENDMENT/MO The purpose of this modifi	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT IS not is required to sign this doo DDIFICATION (Organized by UCF section	ELECT THE ADM JTHORITY OF F, DRITY OF: Cument and ret headings, includ	UNISTRATIVE AR 43.103(b). urn <u>3</u> c	CHANGES (su opies to the is contract subjec	ch as changes ssuing office t matter where	s in paying of e. e feasible.)
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MUTUAL AGREEME E. IMPORTANT: Contractor in 14. DESCRIPTION OF AMENDMENT/MO The purpose of this modifi	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT s not is required to sign this doo DDIFICATION (Organized by UCF section ication is to incorporate ceiling	ELECT THE ADM DTHORITY OF F, DRITY OF: Current and ret headings, includ ngs on indir	UNISTRATIVE AR 43.103(b). urn <u>3</u> c	CHANGES (su opies to the is contract subjec	ch as changes ssuing office t matter where	s in paying of e. e feasible.)
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MUTUAL AGREEME IMPORTANT: Contractor is 14. DESCRIPTION OF AMENDMENT/MO The purpose of this modifi revised as follows: Except as provided herein, all terms and condition 15A. NAME AND JITLE OF SIGNER (Jy	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT s not is required to sign this doo DDIFICATION (Organized by UCF section Tacation is to incorporate ceiling ication is to incorporate ceiling (CON pass of the document referenced in Item 9A or 10/ pe or print)	ELECT THE ADM DTHORITY OF F, DRITY OF: Cument and ret headings, includ ngs on indir	UNISTRATIVE AR 43.103(b). urn <u>3</u> c ing solicitation ect rates.	CHANGES (su opies to the is 'contract subjec According	ssuing office t matter where ly, Section	s in paying of a feasible.) n H. will ect.
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modification MUTUAL AGREEME IMPORTANT: Contractor interpretent 14. DESCRIPTION OF AMENDMENT/MO The purpose of this modified revised as follows: Except as provided herein, all terms and condition 15A. NAME AND JITLE OF SIGNER (Tyme) Marianne J. Stratter Director of Federal	DNTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT s not is required to sign this doo DDIFICATION (Organized by UCF section Tation is to incorporate ceiling (CON bis of the document referenced in Item 9A or 100 pe or print)	ELECT THE ADM DTHORITY OF F, DRITY OF: Cument and ret headings, includ ngs on indir	urn <u>3</u> c ing solicitation ect rates.	CHANGES (su opies to the is contract subjec According	ssuing office t matter where ly, Section full force and effi G OFFICER (s in paying of a feasible.) n H. will ect.
B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOI C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MUTUAL AGREEME IMPORTANT: Contractor is 14. DESCRIPTION OF AMENDMENT/MO The purpose of this modifi revised as follows: Except as provided herein, all terms and condition 15A. NAME AND JITLE OF SIGNER (Jy	CONTRACT/ORDER IS MODIFIED TO REF RTH IN ITEM 14, PURSUANT TO THE AL ENT IS ENTERED INTO PURSUANT TO AUTHO on and authority ENT is not is required to sign this doo DDIFICATION (Organized by UCF section ication is to incorporate ceilin ication is to incorporate ceilin (CON one of the document referenced in Item 9A or 10/ pe or print) man I Contracts 15C. DATE SIGNED	ELECT THE ADM DTHORITY OF F DRITY OF: Cument and ret headings, includ ngs on indir tinued) A as heretofore cha 16A. NAME A 16B. UNITED BY	urn <u>3</u> c ing solicitation ect rates. ND TITLE OF STATES OF 1 2 - 1 M	CHANGES (su opies to the is 'contract subjec According	tull force and efforce (Constraints of the second	s in paying of a feasible.) n H. will ect.

•

•

FILE

A. Section H, Special Contract Requirements, Paragraph H.13, Advanced Agreement on Indirect Rates (LaRC 52.231-90) (JUN 1988), is revised to add the 1999 rates as follows:

"H.13, Advanced Agreement on Indirect Rates (LaRC 52.231-90) (JUN 1988)

A. Notwithstanding the provisions of the Section I clause entitled "Allowable Cost and Payment," the Contractor will be reimbursed at the indirect ceiling rates specified below or the actual rates, whichever are less, for each of the Contractor's fiscal years applicable to this contract. The Contractor's fiscal year is January 1 through December 31. Any costs that are not reimbursed due to the ceilings shall be deemed unallowable costs. These unallowable costs shall not be recovered under this or any other Government contract.



B. The above rate ceilings are predicated upon the bases listed above and the accounting practices and accounting system in effect on January 1, 1996, January 1, 1997, January 1, 1998, and January 1, 1999. If the Contractor changes its accounting practices or accounting system in any way, the Contractor will immediately notify the Government. Within 30 days of such change, the Contractor shall present to the Contracting Officer information that demonstrates that the change will not impact the allowable cost computed using the above rates or shall submit a proposal for adjustment of the ceilings so that the total costs allowable will not exceed the total costs that would have been allowable had the Contractor not changed its accounting practices or accounting system. In the event that the parties cannot agree on new ceilings using the Contractor's new accounting practices or system and the Contractor does not agree to return to the previous accounting practices and system, the Contracting Officer may equitably adjust the ceilings."

B. All other terms and conditions remain unchanged.

Page 2 of 2 NAS1-20650 Modification No. 76 ε

FA					·····		IB Approval #:	2700-004
AMENDMENT OF SOLIO	TATION	ICATION C		ACT	1. CONTRACT	D CODE	PAGE OF	
2. AMENDMENT OF SOLICI 2. AMENDMENT/MODIFICATION NO.	TATION/MODIF	ICATION C	4. REQUISITION			1	1	2
2. AMENDMENT/MODIFICATION NO.	MAY 5	⁷ 4 [°] 1999	4	e block		5. PROJEC	NO. (If applic	abie)
6 ISSUED BY	CODE	7 1333	7. ADMINISTERI			CODE		
	· · · · · · · · · · · · · · · · · · ·		7. ADMINISTER		unan nem oj	CODE	L.,,	······
National Aeronautics and Langley Research Center Hampton, VA 23681-219		ition						
8. NAME AND ADDRESS OF CONTRAC	TOR (No., street, county,	State, and Zip Co	de) (x) (9A. AMEND	MENT OF SOL	CITATION NO	D.	
NCI Information Systems,	Inc							
8260 Greensboro Drive, S								
,	uite 400				(SEE ITEM 11)	·		
McLean, VA 22102								
				10A. MODI	FICATION OF C	ONTRACT/O	RDER NO.	
				NAS	1-20650			
			x	NAU	-20030			
				10B DATE	D (SEE ITEM 13	1		
CODE	FACILITY CODE				-	/		
	THIS ITEM ONLY A			2/1/9				
L The above numbered solicitation is extended. Offers must acknowledge recei- (a) By completing Items 8 and 15, and ret or (c) By separate letter or telegram which RECEIVED AT THE PLACE DESIGNATE YOUR OFFER. If by virtue of this amendi- telegram or letter makes reference to the 12. ACCOUNTING AND APPROPRIATION DA	ipt of this amendment prio urning copies of the h includes a reference to t D FOR THE RECEIPT O ment you desire to change solicitation and this amen	or to the hour and o e amendment; (b) the solicitation and F OFFERS PRIOF e an offer already s	ate specified in the By acknowledging amendment num TO THE HOUR submitted, such c	ne solicitation receipt of the bers. FAILU AND DATE shange may be	or as amended is amendment of RE OF YOUR A SPECIFIED MAY e made by teleg	on each copy o CKNOWLED RESULT IN 1 ram or letter, p	of the offer si GEMENT TO REJECTION	ethods: ubmitted D BE
See page 2			-					
	· · · · · · · · · · · · · · · · · · ·			<u></u>				
(x) A. THIS CHANGE ORDER IS ISSUE	D PURSUANT TO: (Scecify a	authority) THE CHAN	IGES SET FORTH I	N ITEM 14 ARE	EMADE IN THE C	ONTRACT ORD	ER NO. IN ITE	M 10A.
X B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC					CHANGES (suc	h as changes	in paying of	їсе,
C. THIS SUPPLEMENTAL AGREEN	IENT IS ENTERED INTO PUR	RSUANT TO AUTHOR	RITY OF:					
D. OTHER (Specify type of modifica	tion and authority					·····	·····	
E. IMPORTANT: Contractor X is	s not is required to	o sign this docum	ent and return	copies	to the issuing	office.		
14. DESCRIPTION OF AMENDMENT/M							feasible.)	

)

.

The purpose of this modification is to provide incremental funding to the contract. Accordingly, the following changes are hereby made to the Contract Schedule:

A. Incremental Funding in the amount of \$342,700 is being provided as follows: funding for cost will be increased by \$342,700; funding for fee will be increased by \$0. In addition, \$125,000 is being moved from the fee pool to the cost pool for a total increase in cost funding of \$467,700. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

	(co	ntinued)	
Except as provided herein, all terms and conditions of the docu 15A. NAME AND TITLE OF SIGNER (Type or print)	ment referenced in Item 9A or 10	A, as heretofore changed, remains unchanged and in full force and 16A. NAME AND TITLE OF CONTRACTING OFFICE	
		LISA M. HARVEY	· ·
15B. CONTRACTOR/OFFEROR	15C DATE SIGNED	16B. UNITED STATES OF AMERICA BY 120 M Darves	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	7 3124/99
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	3		DRM 30 (Rev 10-83) FAR (48 CFR) 53.243

FILE

•

Ì

·, '

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$14,315,090. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through August 3, 1999.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	· 0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	, 0	0	0
Mod 76	0	0	0	0
Mod. 77	0	0	0	342,700
Total	\$18,504,313	. \$883,480	\$19,387,793	\$15,190,006

CONTRACT TABULATION

Funding includes \$14,315,090 for cost and \$874,916 for fee.

Accounting and Appropriation Data:

<u>PR</u>	PY	RTR	JO	Amount	Partial/Complete
GJB.1017	99	997-18-00-16	M1779	\$26,000	Complete
GG.1587	99	992-20-04-71	M3523	\$5,000	Complete
GG.1627	99	992-20-04-71	M3523	\$8,700	Complete
GML.1335	99	992-30-02-20	M3786	\$38,000	Complete
GML.1336	99	282-30-02-14	A5487	\$100,000	Complete
HA.2050	99	282-10-01-99	A6703	\$165,000	Complete
Total				\$342,700	•

τ.

				ACT	1. CONTRACT I	D CODE	PAGE 0	F PAGES
	IDMENT OF SOLICITA	3. EFFECTIVE DATE	4. REQUISITION		REQ NO.	5. PROJECT		
AMEND	78			ee block				,
ISSUED		DE 11 11 0 7 1999	7. ADMINISTER			CODE		
Lan	tional Aeronautics and Spa ngley Research Center mpton, VA 23681-2199	ace Administration						
NAME	AND ADDRESS OF CONTRACTOR	(No., street, county, State, and Zip (code) (x)	9A. AMEN	IDMENT OF SOLI	CITATION NO	D.	
	I Information Systems, Inc.			1				
	50 Greensboro Drive, Suite							
	Lean, VA 22102	400		9B. DATE	D (SEE ITEM 11)			
IVIC	Lecall, VA 22102							
					DIFICATION OF C	ONTRACT/O	RDER NO.	
				I NAS	61-20650			
			X		ED (SEE ITEM 13			
						<i>י</i>		
	11. THIS	ACILITY CODE		2/1/ IS OF SC		S		-+
Th tended) By co (c) By ECEIVE OUR O	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of ompleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO OFFER. If by virtue of this amendment or letter makes reference to the solic	BITEM ONLY APPLIES TO nded as set forth in Item 14. The ho this amendment prior to the hour and g copies of the amendment; (udes a reference to the solicitation a DR THE RECEIPT OF OFFERS PRIO you desire to change an offer alread tation and this amendment, and is re	ur and date specifi d date specified in b) By acknowledgir nd amendment nur DR TO THE HOUR y submitted, such	2/1/ TS OF SC ed for receip the solicitation of receipt of mbers. FAIL AND DATE change may	96 DLICITATION of of Offers on or as amended this amendment of URE OF YOUR A SPECIFIED MAY be made by teleg	S is extended, by one of the on each copy of CKNOWLED RESULT IN ram or letter,	of the offer s GEMENT T REJECTIOI	nethods submitte O BE N OF
Th (tended) By co (c) By ECEIVE OUR O (legram	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of impleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO FFER. If by virtue of this amendment to or letter makes reference to the solic DUNTING AND APPROPRIATION DATA (If	BITEM ONLY APPLIES TO nded as set forth in Item 14. The ho this amendment prior to the hour and g copies of the amendment; (udes a reference to the solicitation a DR THE RECEIPT OF OFFERS PRIO you desire to change an offer alread tation and this amendment, and is re	ur and date specifi d date specified in b) By acknowledgir nd amendment nur DR TO THE HOUR y submitted, such	2/1/ TS OF SC ed for receip the solicitation of receipt of mbers. FAIL AND DATE change may	96 DLICITATION of of Offers on or as amended this amendment of URE OF YOUR A SPECIFIED MAY be made by teleg	S is extended, by one of the on each copy of CKNOWLED RESULT IN ram or letter,	e following r of the offer s GEMENT T REJECTIO	nethods submitte O BE N OF
Th tended a) By co r (c) By ECEIVE OUR O olegram 2. ACCC	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of ompleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO OFFER. If by virtue of this amendment or letter makes reference to the solic	BITEM ONLY APPLIES TO nded as set forth in Item 14. The ho this amendment prior to the hour and g copies of the amendment; (udes a reference to the solicitation a DR THE RECEIPT OF OFFERS PRIO you desire to change an offer alread tation and this amendment, and is re	ur and date specifi d date specified in b) By acknowledgir nd amendment nur DR TO THE HOUR y submitted, such	2/1/ TS OF SC ed for receip the solicitation of receipt of mbers. FAIL AND DATE change may	96 DLICITATION of of Offers on or as amended this amendment of URE OF YOUR A SPECIFIED MAY be made by teleg	S is extended, by one of the on each copy of CKNOWLED RESULT IN ram or letter,	e following r of the offer s GEMENT T REJECTIO	nethods submitte O BE N OF
xtended a) By co r (c) By RECEIVE OUR O elegram 2. ACCC	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of mpleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO FFER. If by virtue of this amendment to or letter makes reference to the solic DUNTING AND APPROPRIATION DATA (If	B ITEM ONLY APPLIES TO nded as set forth in Item 14. The ho this amendment prior to the hour and gcopies of the amendment; (i udes a reference to the solicitation RT THE RECEIPT OF OFFERS PRId you desire to change an offer alread itation and this amendment, and is re- required)	ur and date specifi d date specified in b) By acknowledgir nd amendment nu DR TO THE HOUF y submitted, such sceived prior to the	2/1/ IS OF SC ed for receip the solicitati gg receipt of nbers. FAIL & AND DATE change may opening hor	96 DLICITATION of of Offers on or as amended this amendment of URE OF YOUR A SPECIFIED MAN be made by teleg ur and date specif	S is extended, by one of the on each copy of CKNOWLED (RESULT IN ram or letter, ied.	e following r of the offer s GEMENT T REJECTIOI provided ea	nethods submitte O BE N OF ch
Th (tended)) By co (c) By ECEIVE OUR O (tegram 2 ACCC Sec	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of impleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO FFER. If by virtue of this amendment to or letter makes reference to the solic DUNTING AND APPROPRIATION DATA (If. e page 2	B ITEM ONLY APPLIES TO Inded as set forth in Item 14. The ho this amendment prior to the hour and g copies of the amendment; (in udes a reference to the solicitation a DR THE RECEIPT OF OFFERS PRIC you desire to change an offer alread tation and this amendment, and is re- required) RSUANT TO: (Specify authority) THE CH- RACT/ORDER IS MODIFIED TO RE	ur and date specifi d date specified in o) By acknowledgin nd amendment nu DR TO THE HOUF y submitted, such eccived prior to the ANGES SET FORTH	2/1/ IS OF SC ed for receipt the solicitati- ng receipt of mbers. FAIL & AND DATE change may opening hor IN ITEM 14 A NISTRATIVE	96 DLICITATION of of offers on or as amended this amendment of URE OF YOUR A E SPECIFIED MAY be made by teleg ur and date specif RE MADE IN THE C E CHANGES (suc	S is extended, by one of the on each copy (CKNOWLED (RESULT IN RESULT IN ram or letter, ied.	e following r of the offer s GEMENT T REJECTIOI provided ea	nethods submitte O BE N OF ch EM 10A.
Th (cended)) By co (c) By ECEIVE OUR O degram 2 ACCC Sec (x)	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of ompleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO OFFER. If by virtue of this amendment or letter makes reference to the solic DUNTING AND APPROPRIATION DATA (If e page 2 A. THIS CHANGE ORDER IS ISSUED PU B. THE ABOVE NUMBERED CONT	B ITEM ONLY APPLIES TO Inded as set forth in Item 14. The ho this amendment prior to the hour and g copies of the amendment; (i udes a reference to the solicitation a DR THE RECEIPT OF OFFERS PRId you desire to change an offer alread itation and this amendment, and is re required) RSUANT TO: (Specify authority) THE CH RACT/ORDER IS MODIFIED TO RE 1 IN ITEM 14, PURSUANT TO THE A	ur and date specifi d date specified in o) By acknowledgin nd amendment nu DR TO THE HOUF y submitted, such sceived prior to the ANGES SET FORTH FLECT THE ADMI WTHORITY OF F.	2/1/ IS OF SC ed for receipt the solicitati- ng receipt of mbers. FAIL & AND DATE change may opening hor IN ITEM 14 A NISTRATIVE	96 DLICITATION of of offers on or as amended this amendment of URE OF YOUR A E SPECIFIED MAY be made by teleg ur and date specif RE MADE IN THE C E CHANGES (suc	S is extended, by one of the on each copy (CKNOWLED (RESULT IN RESULT IN ram or letter, ied.	e following r of the offer s GEMENT T REJECTIOI provided ea	nethods submitte O BE N OF ch EM 10A.
Th xtended a) By co By co Beceive OUR O blegram 2. ACCC Sec	11. THIS the above numbered solicitation is ame d. Offers must acknowledge receipt of ompleting Items 8 and 15, and returnin separate letter or telegram which incl ED AT THE PLACE DESIGNATED FO OFFER. If by virtue of this amendment or letter makes reference to the solic DUNTING AND APPROPRIATION DATA (If e page 2 A. THIS CHANGE ORDER IS ISSUED PU B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORTH	B ITEM ONLY APPLIES TO nded as set forth in Item 14. The ho this amendment prior to the hour and gcopies of the amendment; (i udes a reference to the solicitation a RT THE RECEIPT OF OFFERS PRIG you desire to change an offer alread itation and this amendment, and is re required) RSUANT TO: (Specify authority) THE CH RACT/ORDER IS MODIFIED TO RE I IN ITEM 14, PURSUANT TO THE / IS ENTERED INTO PURSUANT TO AUTH	ur and date specifi d date specified in o) By acknowledgin nd amendment nu DR TO THE HOUF y submitted, such sceived prior to the ANGES SET FORTH FLECT THE ADMI WTHORITY OF F.	2/1/ IS OF SC ed for receipt the solicitati- ng receipt of mbers. FAIL & AND DATE change may opening hor IN ITEM 14 A NISTRATIVE	96 DLICITATION of of offers on or as amended this amendment of URE OF YOUR A E SPECIFIED MAY be made by teleg ur and date specif RE MADE IN THE C E CHANGES (suc	S is extended, by one of the on each copy (CKNOWLED (RESULT IN RESULT IN ram or letter, ied.	e following r of the offer s GEMENT T REJECTIOI provided ea	nethods submitte O BE N OF ch EM 10A.

•

changes are hereby made to the Contract Schedule:

A. Incremental Funding in the amount of \$279,000 is being provided as follows: funding for cost will be increased by \$279,000; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

Except as provided herein, all terms and conditions of the de 15A. NAME AND TITLE OF SIGNER (Type or print)	ocument referenced in Item 9A or 1		ed) retofore changed, remains unchanged and in full force and effect. NAME AND TITLE OF CONTRACTING OFFICER (Type or prin	t)
	, ,		LISA M. HARVEY	2 ()
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B BY	UNITED STATES OF AMERICA 16C. DATE	
(Signature of person authorized to sign)			(Signature of Contracting Officer)	() () ())
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105	STANDARD FORM 30 (Rev. Prescribed by GSA FAR (48 CFR) 53	
			FILE	

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$14,594,090. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through September 10, 1999.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

B. All other terms and conditions remain unchanged.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Total `	\$18,504,313	\$883,480	\$19,387,793	\$15,469,006

CONTRACT TABULATION

Funding includes \$14,594,090 for cost and \$874,916 for fee.

Accounting and Appropriation Data:

PR No.	PY	10	Program No.	Amount	Complete/Partial
GM.4304 GML.1345	99 99	A5160 R24354	282300204 505905912	\$267,000 <u>\$ 12,000</u>	Complete Complete
Total				<u>\$279,000</u>	

	۰.)					OM	IB Approval #	2700-0042
AME		TATION/MODIFICATIO		ONTR	RACT	1. CONTRACT			F PAGES
	IDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO. 5.			5. PROJECI	NO. (If appli	
6. ISSUE	79 ED BY	AUG 1 0 1999	7. A		RED BY (If other		CODE	1	
La	ational Aeronautics and S ngley Research Center ampton, VA 23681-2199								
N	CI Information Systems,		Code)	(X)	9A. AMEND	MENT OF SO	LICITATION NO	D.	
	60 Greensboro Drive, Su cLean, VA 22102	uite 400			9B. DATED	(SEE ITEM 11)		
					1	FICATION OF (CONTRACT/OF	RDER NO.	
				×	10B. DATE	D (SEE ITEM 1	3)		
CODE		FACILITY CODE			2/1/9	•	-,		
	11. T	HIS ITEM ONLY APPLIES TO	O AMEN	IDMEN	TS OF SOL		IS		
(a) By c or (c) By RECEN YOUR (telegrar 12. ACC	ompleting Items 8 and 15, and retu y separate letter or telegram which /ED AT THE PLACE DESIGNATED DFFER. If by virtue of this amendm	of this amendment prior to the hour a rning copies of the amendment includes a reference to the solicitation D FOR THE RECEIPT OF OFFERS PF nent you desire to change an offer alrea solicitation and this amendment, and is A (if required)	(b) By ack and amen IOR TO T dy submitt	nowledgin dment nu HE HOUF ed, such	ng receipt of th mbers. FAILU R AND DATE S change may be	is amendment RE OF YOUR PECIFIED MA made by telec	on each copy o ACKNOWLED Y RESULT IN F aram or letter, p	of the offer s GEMENT TO REJECTION	ubmitted; OBE NOF
(x)	A. THIS CHANGE ORDER IS ISSUED) PURSUANT TO: (Specify authority) THE (HANGES S	ET FORTH	IN ITEM 14 ARE	MADE IN THE C	CONTRACT ORDE	er no. In ite	EM 10A.
X		NTRACT/ORDER IS MODIFIED TO R RTH IN ITEM 14, PURSUANT TO THE				CHANGES (su	ch as changes i	in paying of	Tice,
	C. THIS SUPPLEMENTAL AGREEME	ENT IS ENTERED INTO PURSUANT TO AUT	HORITY OF						
	D. OTHER (Specify type of modification	on and authority							
E. IMF	PORTANT: Contractor X is	not is required to sign this do	cument ar	nd return	copies	to the issuing	office.		
		DIFICATION (Organized by UCF sect						feasible.)	
	purpose of this modificand states are hereby made to the states ar	tion is to provide incremen the Contract Schedule:	al fund	ing to t	the contrac	t. Accord	ingly, the f	ollowing	5
		ing in the amount of \$200,0 ling for fee will be increased							

5A. NAME AND TITLE OF SIGNER (Type or print)	· · · · · · · · · · · · · · · · · · ·	0A, as heretofore changed, remains unchanged and in full force a 16A. NAME AND TITLE OF CONTRACTING OFFIC	
		LISA M. HARVE	Y
5B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Use March	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	- 0/10/9



(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$14,794,090. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996 through October 15, 1999.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

B. All other terms and conditions remain unchanged.

.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Mod. 79	0	0	0	200,000
Total	\$18,504,313	\$883,480	\$19,387,793	\$15,669,006

CONTRACT TABULATION

Funding includes \$14,794,090 for cost and \$874,916 for fee.

Accounting and Appropriation Data:

<u>PR No.</u>	<u>PY</u>		Program No. Amount	Complete/Partial
SA.1000	99	A6703	28210019900 \$200,00	0 Complete

4 .

· · · · · · · · · · · · · · · · · · ·)						OMB Approval	#: 2700-004
AMENDMENT OF SOLICITA				RACT	1. C	ONTRACT ID CODE	PAGE 1	OF PAGES
2. AMENDMENT/MODIFICATION NO.	SEP 01	1999		DN/PURCH	ASE REQ. NO	D. 5. PROJ	ECT NO. (If app	licable)
6. ISSUED BY CC			7. ADMINIST	RED BY (lf oth er than Ite	em 6) CODE		
National Aeronautics and Spa Langley Research Center Hampton, VA 23681-2199	ace Administration	١						
8. NAME AND ADDRESS OF CONTRACTOR NCI Information Systems, Inc 8260 Greensboro Drive, Suite		e, and Zip Co	ode) (x	9A. A	MENDMENT	OF SOLICITATION	INO.	
McLean, VA 22102	400			9B. D	ATED (SEE	ITEM 11)		
				10A. I	MODIFICAT	ON OF CONTRACT	ORDER NO	
				N	NAS1-20	650		
			×					
CODE	ACILITY CODE	<u>.</u>		1	DATED (SE	E ITEM 13)		
					2/1/96	ATIONO		
L The above numbered solicitation is ame extended. Offers must acknowledge receipt of (a) By completing items 8 and 15, and returning or (c) By separate letter or telegram which incl RECEIVED AT THE PLACE DESIGNATED FC YOUR OFFER. If by virtue of this amendment telegram or letter makes reference to the solici 12. ACCOUNTING AND APPROPRIATION DATA (# See page 2	this amendment prior to t gcopies of the am udes a reference to the s DR THE RECEIPT OF OF you desire to change an tation and this amendme	he hour and o endment; (b) olicitation and FERS PRIOF offer already	date specified i By acknowled d amendment r R TO THE HO submitted, suc	the solic ing receip umbers. IR AND D o change p	itation or as of of this amo FAILURE OF DATE SPECI may be made	amended, by one of endment on each co FYOUR ACKNOWL FIED MAY RESULT e by telegram or lette	the following py of the offer EDGEMENT IN REJECTIC	methods: submitted TO BE DN OF
(x) A. THIS CHANGE ORDER IS ISSUED PUI	RSUANT TO: (Specify autho	rity) THE CHAI	NGES SET FOR	H IN ITEM	14 ARE MADE	EIN THE CONTRACT O	RDER NO. IN I	EM 10A.
X B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORTH						GES (such as chang	es in paying (office,
C. THIS SUPPLEMENTAL AGREEMENT I	S ENTERED INTO PURSUA	NT TO AUTHOR	RITY OF:					
D OTHER (Specify type of modification at	nd authority		1.000					
E. IMPORTANT: Contractor X is not						e issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIF The purpose of this modification changes are hereby made to the	n is to provide ind	cremental						

A. Incremental Funding in the amount of \$66,900 is being provided as follows: funding for cost will be increased by \$66,900; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

(continued)								
Except as provided herein, all terms and conditions of the docum	Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING	OFFICER (Type or print)					
		LISA M. HA	RVEY					
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C DATE SIGNED					
		BY Lisa M Har	~ex SFP 0.1 1999					
(Signature of person authorized to sign)		(Signature of Contracting Officer)						
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30		DARD FORM 30 (Rev. 10-83) ed by GSA FAR (48 CFR) 53,243					



(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$14,860,990. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996, through October 29, 1999.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

B. All other terms and conditions remain unchanged.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Mod. 79 ·	0	0	0	200,000
Mod. 80	0	0	0	66,900
Total	\$18,504,313	\$883,480	\$19,387,793	\$15,735,906

CONTRACT TABULATION

Funding includes \$14,860,990 for cost and \$874,916 for fee.

Accounting and Appropriation Data:

PR No.	PY	JO	Program No.	Amount	Complete/Partial
RFZ.1004 SI.1008 SLB.1003	99 99 99	M1754 A5063 A5487	997-18-00-16 282-10-08-00 282-30-02-14	3,900 \$3,000 <u>\$ 60,000</u>	Complete Complete Complete
			TOTAL	\$66,900	

Page 2 of 2 NAS1-20650 Modification No. 80 ÷ .

						pproval #: 276 .42 1. CONTRACT ID CODE	PAGE	F PAGES
	NDMENT OF SOLICI	TATION/MO	DIFICATION OF				1	2
	ENDMENT/MODIFICATION NO. 81	3. E SFI	FFECTIVE DATE	4. REC	QUISIT	ION/PURCHASE REQ. NO. n/a	5. PROJECT NC). (If applica
6. ISSI	UED BY	CODE		7. ADN	INIST	ERED BY (If other than Item 6)	CODE	
La	ational Aeronautics an angley Research Cente ampton, VA 23681-0	er	ninistration					
8. NAM	ME AND ADDRESS OF CONTR	ACTOR (No., stre	et, county, State, and Zip	Code)	(x)	9A. AMENDMENT OF SOLID	CITATION NO.	
N	ICI Information Syste	ems Inc						
	260 Greensboro Driv		00			9B. DATED (SEE ITEM 11)		
	IcLean, VA 22102							
						10A. MODIFICATION OF CC	NTRACT/ORDER	NO.
					x	NAS1-20650		
					^	10B. DATED (SEE ITEM 13)		
CODE		FACILITY	CODE		1	2/1/96		
	11. TH	HIS ITEM ON	ILY APPLIES TO	AMEN	DME	NTS OF SOLICITATIO	ONS	
telegra	OFFER. If by virtue of this ame am or letter makes reference to the CCOUNTING AND APPROPRIA	he solicitation and	this amendment, and is a					ed each
N	I/A		· · ·					
						S OF CONTRACTS/C	-	
(X)						DESCRIBED IN ITEN		ONTRACT
	ORDER NO. IN ITEM 10A.							
	appropriation date, etc.) SET					. ,	h as changes in pay	rina office.
	C. THIS SUPPLEMENTAL A							
		GREEMENT IS E	NTERED INTO PURSUA	NT TO AUT	HORI	TTOI.		
X	D. OTHER (Specify type of n 18-52.216-76 Award	nodification and a	uthority)	<u> </u>				
E. IM	18-52.216-76 Award	nodification and and and and and and and and and an	uthority) vice Contracts (S to sign this document	EP 199: and return	3)	copies to the issuing offic		
E. IM	18-52.216-76 Award	nodification and and and and and and and and and an	uthority) vice Contracts (S to sign this document	EP 199: and return	3)	copies to the issuing offic		
E. IM 14. Di T	18-52.216-76 Award IPORTANT: Contractor X is ESCRIPTION OF AMENDMENT	nodification and a Fee for Ser not, is required MODIFICATION dification is r	uthority) Vice Contracts (S to sign this document (Organized by UCF section revise the award for	EP 1993 and return on headings ee avail	3) , <i>inclu</i> able	copies to the issuing offic ding solicitation/contract subject for the seventh award	t matter where feasi fee period to	ble.) reflect t
E. IM 14. Di T A	18-52.216-76 Award IPORTANT: Contractor X is ESCRIPTION OF AMENDMENT	nodification and a Fee for Ser not, is required MODIFICATION dification is r	uthority) Vice Contracts (S to sign this document (Organized by UCF section revise the award for	EP 1993 and return on headings ee avail	3) , <i>inclu</i> able	copies to the issuing offic ding solicitation/contract subject for the seventh award	t matter where feasi fee period to	ble.) reflect 1
E. IM 14. DI T A C	18-52.216-76 Award IPORTANT: Contractor X is ESCRIPTION OF AMENDMENT The purpose of this more Amount earned as detec Contract Schedule:	nodification and aid I Fee for Ser not, is required MODIFICATION dification is r rmined by th	uthority) vice Contracts (S to sign this document (Organized by UCF section revise the award for the Government. A	EP 199 and return on headings ee avail Accordin	3) able gly, 1	copies to the issuing offic ding solicitation/contract subject for the seventh award the following change is	t matter where feasi fee period to s hereby made	ble.) reflect t e to the
E. IM 14. DI T A C Except effect.	18-52.216-76 Award IPORTANT: Contractor X is ESCRIPTION OF AMENDMENT The purpose of this mod Amount earned as dete Contract Schedule: t as provided herein, all terms an	nodification and a 1 Fee for Ser 5 not, is required MODIFICATION dification is r rmined by th nd conditions of th	uthority) vice Contracts (S to sign this document (Organized by UCF section revise the award for the Government. A	EP 1993 and return on headings ee avail Accordin	3) able gly, 1	copies to the issuing offic ding solicitation/contract subject for the seventh award the following change is	t matter where feasi fee period to s hereby made unchanged and in f	ble.) reflect t e to the ull force an

	1	FILE	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	D-105 STANDARD FO Prescribed by GS/ FAR (48 CFR) 53.	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	
		By Kino MHarner	SFP 1 0 1999
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
		CONTRACTING OFFICER	
		LISA M. HARVEY	•

Section B., B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, the award fee available for the seventh award fee period is \$113,000 and is shown below:

"B. The award fee available for each evaluation period is as follows:

Period	Available/Earned Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	\$90,000
February 1, 1997 - July 31, 1997	\$155,772
August 1, 1997 - January 31, 1998	\$101,313
February 1, 1998 - July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$ 60,060
February 1, 1999 – July 31, 1999	\$ 113,000"

				? 						O	/B Approval #:	2700-0042
• • •									1. CONTRACT I	CODE	PAGE OF	-
	NDMENT OF SOLICIT	ATI			ATION C	PF CO	NTR					2
2. AMENI	DMENT/MODIFICATION NO.				1000	4. REQ				5. PROJEC	T NO. (If applic	adie)
6. ISSUE	82	CODE	1JCL	09	<u>1999</u>	7.4514		ED BY (If other		CODE	1	
0. 155UE	DBY	CODE	L				INISTER		anan kem oj	CODE	L.,	
La	tional Aeronautics and S ngley Research Center mpton, VA 23681-2199	pace	e Admin	istratio	n							
8 NAMI		OR (N	o street c	ountv Sta	te and Zin Co	de)	(x)	9A AMEND	MENT OF SOLI		0.	
			.,	ouny, ou		,						
	CI Information Systems, I		00									
	60 Greensboro Drive, Su	ite 40	00						(SEE ITEM 11)			
Mo	cLean, VA 22102											
								10A. MODIF	FICATION OF CO	ONTRACT/C	RDER NO.	
								NAS'	1-20650			
							x		. 20000			
								10B. DATE	D (SEE ITEM 13)		
CODE		FAC	ILITY COD	E			-	2/1/9				
	44 TL					MEND				2		
(a) By co or (c) By RECEIV YOUR C telegran 12. ACC	d. Offers must acknowledge receipt ompleting Items 8 and 15, and return r separate letter or telegram which in ED AT THE PLACE DESIGNATED OFFER. If by virtue of this amendmen or letter makes reference to the sc OUNTING AND APPROPRIATION DATA the page 2	ning nclude FOR 1 ent you llicitati	copies s a referen THE RECE I desire to c on and this	s of the an ce to the s IPT OF Of change an	nendment; (b) colicitation and FFERS PRIOF offer already s	By ackno amendm TO THE submitted	wledgir ient nur HOUF , such (ng receipt of th mbers. FAILU R AND DATE S change may b	iis amendment o RE OF YOUR A SPECIFIED MAY e made by telegr	n each copy CKNOWLED RESULT IN am or letter,	of the offer su GEMENT TO REJECTION	ubmitted; DBE OF
(X)	A. THIS CHANGE ORDER IS ISSUED	PURSU	JANT TO: (S	pecify autho	ority) THE CHAN	NGES SET	FORTH	IN ITEM 14 ARE	E MADE IN THE CO	INTRACT ORE	PER NO. IN ITE	M 10A.
X	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR								CHANGES (suci	as changes	in paying of	īce,
	C. THIS SUPPLEMENTAL AGREEME	VT IS E	NTERED IN	TO PURSUA	ANT TO AUTHOR	RITY OF:						
	D. OTHER (Specify type of modificatio	n and a	uthority									
E. IMF	PORTANT: Contractor X is r	not 🗌	is requ	ired to sig	n this docum	nent and	return	copies	to the issuing	office.		
14. DE	SCRIPTION OF AMENDMENT/MOI	DIFICA	TION (Org	anized by	UCF section I	headings,	includi	ing solicitation	/contract subject	matter when	e feasible.)	
	purpose of this modifica		-			fundin	g to t	he contrac	ct. Accordi	ngly, the	following	
chai	nges are hereby made to t	he C	ontract	Schedu	le:							

ì

A. Incremental Funding in the amount of \$57,574 is being provided as follows: funding for cost will be increased by \$57,574; funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

(Continued) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.										
15A. NAME AND TITLE OF SIGNER (Type or print)			A, as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)							
				/	h	LISA	M.	HARVEY		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. BY	UN		STATE		d	ana	16C. DATE SK	SNED
(Signature of person authorized to sign)			σ	. (Signature o	of Contracti	ng Off	icer) 🖉		1124
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105							RM 30 (Rev. 10-1 AR (48 CFR) 53.24	

FILE

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$14,860,990. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996, through October 29, 1999.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

B. All other terms and conditions remain unchanged.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Mod. 79	0	0	0	200,000
Mod. 80	0	0	0	66,900
Mod. 81	0	0	0	0
Mod. 82	0	0	0	57,574
Total	\$18,504,313	\$883,480	\$19,387,793	\$15,793,480

CONTRACT TABULATION

Funding includes \$14,918,564 for cost and \$874,916 for fee.

Accounting and Appropriation Data:

PR No.	<u>PY</u>	јо	Program No.	Amount	Complete/Partial
RBK.1021	99	M3872	992-20-03	\$ 1,200	Complete
SC.1002	99	M3159	992-30-06	\$ 374	Complete
SLB.1015	99	A5160	282-30-02	\$36,000	Complete
SLB.1016	99	7099	282-10-01	\$20,000	Complete

Page 2 of 2 NAS1-20650 Modification No. 82

						1. CONTRACT		B Approval #: PAGE OI	PAGES
	DMENT OF SOLICITAT	3. EFFECTIVE DATE	4 REQUIS	SITION	VPURCHASE R	EQ NO	5 PROJEC	T NO. (If appli	10 cable)
	83	p-hg/gg		-	SLB.1018	8			,
6 ISSUE	D BY CC	DDE	ADMIN	STER	ED BY (If other	than Item 6)	CODE	L	
La	ational Aeronautics and Sp ngley Research Center ampton, VA 23681-0001	ace Administration							
8. NAM	E AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip	Code)	(x)	9A. AMENI	MENT OF SOL	ICITATION N	<u>o.</u>	
N	CI Information Systems, It	nc.							
	60 Greensboro Drive, Sui			ŀ	9B. DATED	(SEE ITEM 11)			
	cLean, VA 22102			1					
					10A. MODI	FICATION OF C	ONTRACT/O	RDER NO.	
				x		1-20650		····	
					TOB. DATE	D (SEE ITEM 1	3)		
					0 (4)0	•			
extende (a) By c	11. THI The above numbered solicitation is am ed. Offers must acknowledge receipt o completing Items 8 and 15, and returni v senarate letter or telegram which inc	If this amendment prior to the hour ar ing copies of the amendment; cludes a reference to the solicitation a	our and date s nd date specifi (b) By acknow and amendme	ed in t ed in t vledgit nt nur	ed for receipt the solicitation ng receipt of t nbers. FAILU	of Offers	is extended, I, by one of th on each copy ACKNOWLED	of the offer s GEMENT TO	ethods: ubmitted
(a) By c or (c) B RECEN YOUR telegran	11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which inco VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer m or letter makes reference to the solic COUNTING AND APPROPRIATION DATA 5160 \$300,000 282-30-	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The hu of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF it you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete)	our and date s ad date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eceived prior	pecifi ed in viedgii nt nur HOU such to the	TS OF SO ed for receipt the solicitation ng receipt of t nbers. FAILL R AND DATE change may opening hour	LICITATION of Offers his amendment IRE OF YOUR A SPECIFIED MA be made by teles and date specif	is extended, d, by one of th on each copy ACKNOWLED AY RESULT II gram or letter, ied.	e following m of the offer s GEMENT TO N REJECTIO	ethods: ubmitted) BE N OF
(a) By c or (c) B RECEN YOUR telegran	11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which inc VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer m or letter makes reference to the solic COUNTING AND APPROPRIATION DATA (5160 \$300,000 282-30- 13. THIS IT	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The hu of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF it you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete) EM APPLIES ONLY TO MO	our and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eccived prior	pecifi ed in viedgin nt nur HOU such to the	TS OF SO ed for receipt the solicitation ng receipt of t nbers. FAILL R AND DATE change may opening hour OF CONT	LICITATION of Offers his amendment RE OF YOUR A SPECIFIED MA be made by teles and date specif	is extended, d, by one of th on each copy ACKNOWLED AY RESULT II gram or letter, ied.	e following m of the offer s GEMENT TO N REJECTIO	ethods: ubmitted) BE N OF
extended (a) By co or (c) B RECEIN YOUR telegran 12. ACC	11. THI The above numbered solicitation is am ed. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which inc VED AT THE PLACE DESIGNATED FO OFFER. If by virtue of this amendmer m or letter makes reference to the solic COUNTING AND APPROPRIATION DATA 5160 \$300,000 282-30- 13. THIS IT IT MOD	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The hu of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF it you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete)	bur and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eccived prior	ipecifi ed in l viedgii nt nur HOU such to the ONS	TS OF SO ed for receipt the solicitation ng receipt of t nbers. FAILL R AND DATE change may opening hour OF CONT DESCRIBE	LICITATION of Offers his amendment JRE OF YOUR A SPECIFIED M be made by teles and date specif	is extended, d, by one of th on each copy ACKNOWLED AY RESULT II gram or letter, ied. DERS, 4.	e following m of the offer s GEMENT TC N REJECTIC provided ear	ethods: ubmitted) BE N OF
extende (a) By c or (c) B RECEIN YOUR telegran 12. ACC A	11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which inc VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer m or letter makes reference to the solic COUNTING AND APPROPRIATION DATA (5160 \$300,000 282-30- 13. THIS IT IT MOD A THIS CHANGE ORDER IS ISSUED P B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The hu of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF ty you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete) EM APPLIES ONLY TO MO IFIES THE CONTRACT/OR ITESUANT TO: (Specify authority) THE (ITRACT/ORDER IS MODIFIED TO R H IN ITEM 14, PURSUANT TO THE	bur and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eceived prior DDIFICATION DER NO. A CHANGES SET REFLECT THE AUTHORITY	pecifi ed in viedgii nt nur HOU such to the DNS AS D FORT	IS OF SO ed for receipt the solicitation ng receipt of t nbers. FAILL R AND DATE change may l opening hour OF CONT DESCRIBE H IN ITEM 14 A	LICITATION of Offers n or as amendeed his amendment SPECIFIED M/ be made by teler and date specif RACTS/OR D IN ITEM 1 RE MADE IN THE E CHANGES (st	is extended, d, by one of th on each copy ACKNOWLED AY RESULT I gram or letter, ied. DERS, 4. CONTRACT O	e following m of the offer s GEMENT TC N REJECTIO provided ear	ethods: ubmitted) BE N OF th TEM 10A
Textende (a) By c or (c) B RECEN YOUR telegran 12. ACC A	11. THI 11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which incompleting Items 8 and 15, and returni y separate letter or telegram which incompleting Items 8 and 15, and returni y separate letter or telegram which incompleting Items 8 and 15, and returni VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer m or letter makes reference to the soli COUNTING AND APPROPRIATION DATA (5160 \$300,000 282-30- 13. THIS IT IT MOD A THIS CHANGE ORDER IS ISSUED P B. THE ABOVE NUMBERED CON B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The hu of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF nt you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete) EM APPLIES ONLY TO MO IFIES THE CONTRACT/OR FURSUANT TO: (Specify authority) THE (ITRACT/ORDER IS MODIFIED TO F H IN ITEM 14, PURSUANT TO THE T IS ENTERED INTO PURSUANT TO AU	bur and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eceived prior DDIFICATION DER NO. A CHANGES SET REFLECT THE AUTHORITY OF:	pecifi ed in l vedgin nt nur HOU such to the DNS AS D FORT	IS OF SO ed for receipt the solicitation og receipt of t nbers. FAILL change may opening hour OF CONT DESCRIBE H IN ITEM 14 A INISTRATIVI AR 43.103(b)	LICITATION of Offers n or as amendeed his amendment SPECIFIED M/ be made by teler and date specif RACTS/OR D IN ITEM 1 RE MADE IN THE E CHANGES (st	is extended, d, by one of th on each copy ACKNOWLED AY RESULT I gram or letter, ied. DERS, 4. CONTRACT O	e following m of the offer s GEMENT TC N REJECTIO provided ear	ethods: ubmitted) BE N OF th
extende (a) By c or (c) B RECEIN YOUR telegran 12. ACC A	11. THI 11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which incompleting Items 8 and 15, and returni y separate letter or telegram which incompleting Items 8 and 15, and returni y separate letter or telegram which incompleting Items 8 and 15, and returni VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer m or letter makes reference to the soli COUNTING AND APPROPRIATION DATA (5160 \$300,000 282-30- 13. THIS IT IT MOD A THIS CHANGE ORDER IS ISSUED P B. THE ABOVE NUMBERED CON B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The ho of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF ty ou desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete) EM APPLIES ONLY TO MO IFIES THE CONTRACT/OR ITRACT/ORDER IS MODIFIED TO R H IN ITEM 14, PURSUANT TO THE T IS ENTERED INTO PURSUANT TO AU t Reimbursement (AUG 1)	bur and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eceived prior DDIFICATION DER NO. A CHANGES SET REFLECT THE AUTHORITY OF:	pecifi ed in l vedgin nt nur HOU such to the DNS AS D FORT	IS OF SO ed for receipt the solicitation og receipt of t nbers. FAILL change may opening hour OF CONT DESCRIBE H IN ITEM 14 A INISTRATIVI AR 43.103(b)	LICITATION of Offers n or as amendeed his amendment SPECIFIED M/ be made by teler and date specif RACTS/OR D IN ITEM 1 RE MADE IN THE E CHANGES (st	is extended, d, by one of th on each copy ACKNOWLED AY RESULT I gram or letter, ied. DERS, 4. CONTRACT O	e following m of the offer s GEMENT TC N REJECTIO provided ear	ethods: ubmitted) BE N OF th
Textende (a) By c or (c) B RECEN YOUR telegrar 12. ACC A (x)	11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which inc VED AT THE PLACE DESIGNATED FO OFFER. If by virtue of this amendmer m or letter makes reference to the solic COUNTING AND APPROPRIATION DATA (5160 \$300,000 282-30- 13. THIS IT IT MOD A. THIS CHANGE ORDER IS ISSUED P B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN 52.243-2 Changes - Cos D. OTHER (Specify type of modification	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The ho of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF it you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete) EM APPLIES ONLY TO MO IFIES THE CONTRACT/OR FURSUANT TO: (Specify authority) THE (CONTRACT/ORDER IS MODIFIED TO F H IN ITEM 14, PURSUANT TO THE T IS ENTERED INTO PURSUANT TO AU t Reimbursement (AUG 11) and authority	DUT and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eccived prior DIFICATION DER NO. A CHANGES SET REFLECT THE AUTHORITY THORITY OF: 987) Alt II	pecifi ed in 1 vledgii hour nur HOU such to the ONS CONS EAS D FORT EADN OF F.	IS OF SO ed for receipt the solicitation ng receipt of t R AND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 14 A INISTRATIV AR 43.103(b) R 1984)	LICITATION of Offers n or as amendeed his amendment SPECIFIED M/ be made by teler and date specif RACTS/OR D IN ITEM 1 RE MADE IN THE E CHANGES (st	is extended, d, by one of th on each copy ACKNOWLED AY RESULT II gram or letter, ied. DERS, 4. CONTRACT O uch as change	e following m of the offer s GEMENT TC N REJECTIO provided ear RDER NO. IN RDER NO. IN es in paying o	ethods: ubmitted) BE N OF th
Landard Carlor C	11. THI The above numbered solicitation is am ad. Offers must acknowledge receipt o completing Items 8 and 15, and returni y separate letter or telegram which inc VED AT THE PLACE DESIGNATED F OFFER. If by virtue of this amendmer m or letter makes reference to the solic COUNTING AND APPROPRIATION DATA (5160 \$300,000 282-30- 13. THIS IT IT MOD A THIS CHANGE ORDER IS ISSUED P B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEMEN 52.243-2 Changes - Cos	IS ITEM ONLY APPLIES TO ended as set forth in Item 14. The ho of this amendment prior to the hour ar ng copies of the amendment; cludes a reference to the solicitation a FOR THE RECEIPT OF OFFERS PF it you desire to change an offer alrea citation and this amendment, and is r (If required) 02-04 (complete) EM APPLIES ONLY TO MO IFIES THE CONTRACT/OR PURSUANT TO: (Specify authority) THE (CONTRACT/ORDER IS MODIFIED TO F H IN ITEM 14, PURSUANT TO THE T IS ENTERED INTO PURSUANT TO AU t Reimbursement (AUG 11 and authority is required to sign this doct	Dur and date specifi (b) By acknow and amendme RIOR TO THE dy submitted, eccived prior DIFICATION DER NO. A CHANGES SET REFLECT THE AUTHORITY THORITY OF: 987) Alt II	ppecifi ed in 1 HOU such to the DNS AS D FORT (AP (AP	IS OF SO ed for receipt of the solicitation ng receipt of the RAND DATE change may opening hour OF CONT DESCRIBE H IN ITEM 14 A INNISTRATIVI AR 43.103(b) R 1984)	LICITATION of Offers n or as amendment IRE OF YOUR A SPECIFIED MA be made by teles and date specif RACTS/ORI D IN ITEM 1 RE MADE IN THE E CHANGES (su	is extended, d, by one of th on each copy ACKNOWLED AY RESULT II gram or letter, ied. DERS, 4. CONTRACT O uch as change ssuing office	e following m of the offer s GEMENT TC N REJECTIO provided ear RDER NO. IN I Es in paying o	ethods: ubmitted) BE N OF th

	(con	itinued)		
Except as provided herein, all terms and conditions of the docum	ent referenced in Item 9A or 10/	A, as heretofore changed, remains un	changed and in full force and	effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A, NAME AND TITLE OF C	ONTRACTING OFFICER	(Type or print)
Marianne J. Strathman Director of Federal Contrac		LIS	SA M. HARVEY	
15B. CONTRACTOR OFFEROR	5C. DATE SIGNED	16B. UNITED STATES OF AN	MERICA	16C. DATE SIGNED
MARTA	10708/94	BY <u>Bise</u> (Signature of Contra	Harry	10/29/95
(Stondare of person authorized to sign)				
NSN 7542401-152-8070 PREVIOUS EDITION UNUSABLE	,	105	STANDARD FOR Prescribed by GSA FAR (48 CFR) 53.243	

۰.

A. Section B, B.2, is revised to increase cost by \$56,708 from \$18,504,313 to \$18,561,021. Award fee available is decreased by \$14,146 from \$883,480 to \$869,334 which is the net result of \$3,229 for this equitable adjustement and a credit of \$17,375 to reflect the fee adjustement necessary as a result of the award fee pool being reduced for the sixth and seventh award fee evaluation period.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

Period

A. The estimated cost of this contract is \$18,561,021 exclusive of the award fee of \$869,334 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$19,430,355.

B. The award fee available for each evaluation period is as follows:

Available/Earned Award Fe

February 1, 1996 – July 31, 1996	\$96,000
August 1, 1996 – January 31, 1997	\$90,000
February 1, 1997 – July 31, 1997	\$155,772
August 1, 1997 – January 31, 1998	\$101,313
February 1, 1998 – July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$ 60,060
February 1, 1999 – July 31, 1999	\$ 113,000
August 1, 1999 – January 31, 2000	\$ 124,788"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Incremental Funding in the amount of \$300,000 is being provided as follows: funding fo cost will be increased by \$300,000, funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$15,218,564. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: Feb. 1, 1996, through December 14, 1999.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

C. Exhibit A, Statement of Work, Paragraph 8, last sentence of the first paragaph starting "Application development and enhancement project support is provided for the following LaRC requirements: " which was added via Mod. No. 1, is deleted in its entirety and replaced with the following:

"All Application Development and Enhancement required will be listed in Exhibit G, Job Description Documents (JDDs), and a performance-based statement or work, including metrics, will also be included."

> Page 2 of 10 NAS1-20650 Modification No. 83

D. Exhibit A, Statement of Work, Paragraph 9, end of the first paragaph is revised to add the following sentence:

"All Special Studies required will be listed in Exhibit G, Job Description Documents (JDDs)."

** *

E. Exhibit G, is revised to differentiate which JDDs are supporting Sections 8 or 9 of the Statement of Work. Exhibit G is also revised to add the statements of work for JDD GM005 and GM004 to Exhibit G as a result of this modification.

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	· 0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Mod. 79	0	0	0	200,000
Mod. 80	0	0	0	66,900
Mod. 81	0	0	0	0
Mod. 82	0	0	0	57,574
Mod. 83	56,708	-14,146	42,562	300,000
Total	\$18,561,021	\$869,334	\$19,430,355	\$16,093,480

CONTRACT TABULATION

Funding includes \$15,218,564 for cost and \$874,916 for fee.

www.energenet.com/energe

a second se

.

Page 3 of 10 NAS1-20650 Modification No. 83 ι.

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

· · ·

~`)

.

,

JDD	Estimated	Award	CPAF	Funding	Modification	Status
Number	Cost	Fee			Definitized	
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
I001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	Cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	N/A	Complete
HB002.01	21,853	1,046	\$22,899	22,899	N/A	Complete
AF010	1,295	78	\$1,373	1,373	Mod. 39	Cancelled
AF011	2,643	159	\$2,802	2,802	Mod. 39	Cancelled
AF012	199,302	8,757	\$208,059	180,000	Mod. 41	Complete
HB002.02	13,560	590	\$14,150	14,150	N/A	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	Cancelled
AF009	187,847	8,049	\$195,896	182,681	Mod. 26	Complete
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	Cancelled
HB002.03	11,412	312	\$11,724	58,902	N/A	Complete
GM003.01	TBD			200,000	N/A	Pending
HA003.01	167,018	8,973	\$175,991	174,559	N/A	Complete
HB002.04	27,052	1,125	28,177	28,177	N/A	Complete
HB003	16,463	672	17,135	19,001	N/A	Complete
GM004	33,105	1,843	\$34,948	35,000	N/A	Active
GM005	23,603	1,386	\$24,989	25,000	N/A	Active
			\$ 0		1	
			\$ 0			

Page 4 of 10 NAS1-20650 Modification No. 83

Total	\$3,964,133	\$176 601	\$4,140,824	\$4,238,728	
Total		\$170,091	φ 1 ,1 1 0,021	φ <u>+</u> ,200,720	

)

-

Exhibit G

Assignment of Job Description Documents

JDD #	Description	Effective Date
	SOW 8.0: Applications Development and Enhancement	
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center Budgeting	6-28-96
HB002.01	Management Information System for Lead Center Budgeting	6-16-97
HB002.02	Management Information System for Lead Center Budgeting	8-13-97
HB002.03	Management Information System for Lead Center Budgeting	12-8-97
HB002.04	Management Information System for Lead Center Budgeting	6-8-98
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Bank Card Reconciliation System	1-29-97
HA003.01	Bank Card Reconciliation System	4-3-98
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
GM003.01	Center Information Management Architecture	7-13-98
HB003	RTA/COP System Modifications	6-8-98
	9.0, Special Studies	- <u> </u>
GM004	Automated Management of ISB Servers – Phase 1	10-1-99
GM004 GM005	Spectrum System Design Architecture Study and Prototype	10-1-99

Page 5 of 10 NAS1-20650 Modification No. 83

.

t ...

Job Description Document for BAMIS Contract (NAS1-20650)

JDD# GM004 Title: Automated Management of ISB Servers—Phase 1

NASA/LaRC Technical Monitor: John Kusterer

Scope: This is the initial task of a two-phase effort to implement automation in the management and operations of the server computers for which ISB is responsible; it is expected to be completed within 2 months. If the recommendation and plan are accepted, further refinement of this analysis using Government feedback will be required under a separate implementation task. This task is not restricted to the computers and systems identified under the existing BAMIS contract.

Background: NASA Langley Research Center is behind the mainstream in applying automation to the management and operations of computer services and needs to catch up to a level corresponding to that of commercial computer services. A wide range of tools are available, but considerable skill and experience are necessary to be able to apply them effectively.

It is expected that application of appropriate automation tools will accomplish the following objectives:

- 1. Improve operational availability of the systems and services from roughly .85 to .99; improvement is particularly expected in the mean time to repair system faults, as defined by restoration of service.
- 2. Create the opportunity for the service manager to obtain customer usage data, which can be delivered to the customers on demand and used for billing and strategic planning.
- 3. Improve the ability of the service manager to re-allocate resources to respond to changing demand and technology.
- 4. Reduce the labor cost component of the operations and support of these systems by a factor of 3.
- 5. Provide the ability to obtain highly accurate, faithful and current configuration identification information without an attendant, exponential increase in the labor required, thereby improving the utilization of the capital investment and ensuring the consistent implementation of system configuration.

Computer systems and services included in this study encompass the full range of ISB and OCIO responsibilities, including but not limited to the ones currently in the Business Computing Center and the Server Farm. These provide application services, database services and WWW services. Server platforms include Win/NT 4.0, SunOS 4.3, Solaris 2.7, Ultrix, and DEC OS. Application environments include: Informix, Oracle (v.6 and v.8), SQL Server (6 and 7), Sybase, Sapphire, Cold Fusion, Brio Demand and Broadcast servers, Netscape Enterprise suite of products, and Apache web servers. Additional environments that can be optionally included are Macintosh Operating System X with Web Objects servers and Sirsi Stilas (implemented as NASA GALAXIE) library management software.

No assessment of the application of NASA's ODIN contracts should be considered in this process by the Contractor. Decisions regarding the inclusion or exclusion of the individual systems have not yet been made and will not be based on the results of this study.

Statement of Work: The Contractor shall perform the following tasks:

1. Issues Identification. The Contractor shall identify the key issues associated with applying the Unicenter TNG software to the ISB environment. This will include security, effectiveness, operational availability, data

Page 6 of 10 NAS1-20650 Modification No. 83 ι

reporting, and operations issues as a minimum. It will also include identification of the current condition of the various systems. It will identify key parameters that should be measured in order to provide a service bureau operation of the included systems. Describe the results in the Trade Study and Concept Design (Item 1).

- 2. Trade Study. The Contractor shall identify the widest possible variety of approaches in which automation technology can be applied to the management and operations of ISB server computers. Verification of performance or capabilities through testing may be accomplished as required to support the development of a recommended solution. Describe in the Trade Study and Concept Design (Item 1).
- 3. Recommendation. The Contractor shall recommend a solution to the need for the automation of ISB's server computers. It shall include needs met, comments about the issues identified, needs which cannot be met through this solution, and comparative data regarding implementation and life cycle costs. Describe in the Trade Study and Concept Design (Item 1).
- 4. Implementation Plan. The Contractor shall prepare an initial draft implementation plan for setting up the recommended concept design. This will identify initial conditions, work tasks, schedule, acquisition costs and life cycle costs. It will identify key factors in the operations and maintenance of this system. It will identify any
- testing which must be conducted to evaluate the characteristics of the recommendation in ISB's environment. Document in Implementation Plan (Item 2).
 - 5. Progress Reports. The Contractor shall provide biweekly status reports (Item 3) of the progress made, significant accomplishments and results, any obstacles or problems encountered, and an estimate of the resources consumed compared to the planned expenditure.

Deliverables

Item 1: Trade Study and Concept Design Item 2: Implementation Plan Item 3: Biweekly Progress Report

Schedule

A REAL PROPERTY AND A REAL PROPERTY AND A REAL PROPERTY.

Working Days After Award	. Description
2	Meet with Government to discuss issues input
7	Deliver Table of Contents for the Trade Study (Del. 1) and the Implementation Plan (Del. 2)
7	Contractor to confirm feasibility of Government task schedule
21	Deliver Final Trade Study and Recommendation (Deliverable 1)
42	Deliver Final Implementation Plan (Deliverable 2)

Page 7 of 10 NAS1-20650 Modification No. 83

Job Description Document for BAMIS Contract (NAS1-20650)

JDD# GM005

Title: Spectrum System Design Architecture Study and Prototype

LaRC Point of Contact: Jeanette George, Information Systems Branch Mail Stop 158 Phone 4-3258

Scope: This JDD provides for the development of an Internet architecture development plan that can be used by NASA Langley business applications in an efficient object-based structure. The architecture will be demonstrated with a prototype of the Langley Loan System application.

The contractor will assess the present architectures and development tools and determine alternatives to meet the objectives as listed in the Statement of Work that is attached. Final acceptance testing will be conducted by ISB and OLM.

System Summary: Development of an Internet architecture development plan using the Langley Loan System application as a prototype.

General Requirements: See below.

Required Functionality: See below.

Deliverables: Item 1: Development Framework Approach Item 2: Prototype (at least 10 operational screens)

Schedule:

Working Days After Award	Description
2	Meeting with Govt to discuss issues
7	Deliver Table of Contents for the Development Study
7	Contractor to confirm feasibility of Govt task schedule
30	Deliver Final Architecture Study and Recommendations (Deliverable 1)
40	Deliver Final Prototype (Deliverable 2)

Statement of Work Spectrum System Design Architecture Study and Prototype

Purpose

The purpose of this task is to development an Internet architecture development plan that can be used by NASA Langley business applications in an efficient object-based structure. The architecture will be demonstrated with a prototype of the Langley Loan System application.

Page 8 of 10 NAS1-20650 Modification No. 83 ι.

Background

NASA Langley Research Center requires a structured development approach for Internet application development. Even though a wide range of tools is available, considerable skill and experience are necessary to be able to integrate and apply them effectively. Therefore, a standard development approach must be created to improve quality streamline development cycles, and reduce application life cycle costs.

It is expected that application of appropriate development tools within a structured development framework will accomplish the following objectives:

- 1) improve functional performance of the systems and services
- 2) create a standard for application development that will reduce typical development cycles by 20%;
- 3) Organize business rules, user interfaces, and database sources into functional units to reduce life cycle costs and provide for a mechanism to accurately budget future development costs. Code reuse of at least 30% should be realized once the development framework is operational.

Scope

^{*} This investigation will assess the present architectures and development tools and determine alternatives to meet the objectives listed above. A prototype will be developed using the Langley Loan Management System application to demonstrate capability and function.

The current Langley Loan Management System consists of three 10-year old dBase applications that were developed on a personal computer (PC) for use by one or two individuals. The present applications are standalone and cannot be expanded to meet the needs of the Office of Logistics Management (OLM). These applications should be replaced to meet existing requirements and provide an environment for future development. However, a development approach must first be determined so that migration of all legacy applications can benefit from a consolidated development approach.

This environment must establish a framework that is reusable and can build from stable commercial-off-the-shelf (COTS) development tools.

The investigation must determine a development architecture that can be used enterprise-wide and be compliant with up-to-date industry standards (e.g., CORBA, DCOM).

Langley Loan Management System

The current Loan Management System consists of three distinct applications:

1. Outgoing Loan System (OLS) for outgoing loans

- 2. Incoming Loan System (ILS)
- 3. Space Act Agreement (SAA) Loans

The study will use the existing Loan System program/database and the Loan System Requirements Document for information in developing a demonstrable prototype.

System functions to consider for inclusion in the prototype include but are not limited to:

Security System:

a the second
The Loan Management System server shall be open to only LaRC users.

Application System Logon:

A User-ID and password shall be required to access the Loan Management System.

Page 9 of 10 NAS1-20650 Modification No. 83 ٤.

Application Security:

The System Administrator shall have the capability of assigning the User-ID's and default passwords. Users shall be required to change their password from the default password to one of their own. Users shall have an on-line menu option to change their password at any time.

Mail:

The Outgoing Loan System (OLS) shall provide the capability to revise the contents of automatically generated letter templates with mail-merge capability from database information.

Lookup Table:

The Loan Management System shall provide the capability to maintain the contents of the lookup tables for Loan Types and Loan Category enabling the user to add new codes, new descriptions, and be able to revise the description of existing codes.

People:

.

The Loan Management System shall provide the capability to maintain non-LaRC personnel on the people table to add/update names, phone numbers, street addresses, and e-mail addresses not available automatically from external sources.

							OM	B Approval #	2700-0042
			····			1. LUNTRACT I			FPAGES
	NDMENT OF SOL	CITATIC			RACT	EQ. NO.	5. PROJEC		2
AME	NDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		See Block		5. PROJEC	INU. (# appi	icablej
ISSU	ED BY	CODE	10 181 / 7		RED BY (If other		CODE	L	
La	ational Aeronautics a angley Research Cen ampton, VA 23681-0	ter	Administration						
NAM	NE AND ADDRESS OF CONT	RACTOR (No	., street, county, State, and Zip	Code) (x)	9A. AMEND	MENT OF SOLI	CITATION NO).	
82	CI Information System 260 Greensboro Drive IcLean, VA 22102		00			(SEE ITEM 11)	ONTRACT/OF		
				×	1	1-20650			
					ļ	D (SEE ITEM 13)		
ODE		1			2/1/9				
	11	. THIS IT	EM ONLY APPLIES TO	AMENDME	NTS OF SO	LICITATION	S		
<u>S</u>	IT	MODIFIES	APPLIES ONLY TO MC S THE CONTRACT/OR ANT TO: (Specify authority) THE C	DER NO. AS	DESCRIBE	D IN ITEM 1	4.	DER NO. IN I	TEM 10A.
X			T/ORDER IS MODIFIED TO R						
	appropriation date, etc.) SE	T FORTH IN	TEM 14, PURSUANT TO THE ITERED INTO PURSUANT TO AUT	AUTHORITY OF	F FAR 43.103(b)).			
							<u> </u>		
	D. OTHER (Specify type of mo	dilication and at	inonty						
	IPORTANT: Contractor			aument and rate		ies to the issui	na office		
4 D	ESCRIPTION OF AMENDMEN		I is required to sign this do	ion headings, incl	uding solicitatio			e feasible.)	
T	The purpose of this mo following changes are	odification	is to provide increme						
			(c	ontinued)					
xcept	as provided herein, all terms and c	conditions of the	•	10A, as heretofore					
5A.	NAME AND TITLE OF SIGNE	R (Type or pri	nt)	16A. NAME	`	ISA M. HA		ype or prin	t)
5B.	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITE BY	D STATES OF	<u>}</u>		16C. DATE	SIGNED
10:11	(Signature of person authori:	ted to sign)			Signature of Cor	tracting Officer)		(517
	540-01-152-8070 IOUS EDITION UNUSABLE			30-105		Prescrib	DARD FORM ed by GSA CFR) 53.243	VI 30 (Rev. 1	10-83)

. . •

FILE COPY

A. Incremental Funding in the amount of \$1,212,700 is being provided as follows: funding for cost will be increased by \$1,212,700, funding for fee will be increased by \$0. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$16,431,264. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996, through January 31, 2000.

(b) An additional amount of \$874,916 is obligated under this contract for payment of fee."

B. All other contract terms and conditions remain unchanged.

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 65	\$15,169,282	\$705,636	\$15,874,918	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0	0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Mod. 79	0	0	0	200,000
Mod. 80	0	0	0	66,900
Mod. 81	0	0	0	0
Mod. 82	0	0	0	57,574
Mod. 83	56,708	-14,146	42,562	300,000
Mod. 84	. 0	0	0	1,212,700
Total	\$18,561,021	\$869,334	\$19,430,355	\$17,306,180

CONTRACT TABULATION

Funding includes \$16,431,264 for cost and \$874,916 for fee.

Acct and Appropriation Data:

.

SAA.1001	A7101	\$ 200,000	complete
SLB.1021	M4004	\$ 4,500	complete
RFZ.1009	M1754	\$ 8,200	complete
SLB.1022	A5160	\$1,000,000	complete

Page 2 of 2 NAS1-20650 Modification No. 84

1								(n ()M	1B Approval #	2700 0040
								1. CONTRACT I		PAGE O	FPAGES
2. AMENDMENT OF SOL		EFFECTIV		ION O			ACT			1	13
	3.			\neg	4. REGUISI				J. PROJEC	TNO. (If applie	;adio)
6. ISSUED BY	CODE	12	5 (\mathcal{I}	2 1011110		See page		0005		
	L				7. ADMINIS	IER	ED BY (If other	than item 6)	CODE	L	
National Aeronautics a Langley Research Cer Hampton, VA 23681-	nter	dminist	tration								
8. NAME AND ADDRESS OF CONT		street cou	ntv Stato ar	nd Zin Cod		~)				<u></u>	
NCI Information Syste	•	30 001, 0001	ny, State, an	<i>ia 21</i> p 000	~ [4	<u>x)</u>				J.	
8260 Greensboro Driv	,										
McLean, VA 22102	c, Suite 400						9B. DATED	(SEE ITEM 11)			
Wielean, VA 22102											
							10A. MODIF	FICATION OF CO	ONTRACT/O	RDER NO.	
							NAS1	-20650			
					2	x		D (SEE ITEM 42			
CODE	FACILIT	YCODE						D (SEE ITEM 13)			
	1. THIS ITE!			TO AL			2/1/9		<u> </u>		
The above numbered solicitati extended. Offers must acknowledge (a) By completing Items 8 and 15, ar or (c) By separate letter or telegram RECEIVED AT THE PLACE DESIGN YOUR OFFER. If by virtue of this an telegram or letter makes reference to 12. ACCOUNTING AND APPROPRIATIO	receipt of this am d returning which includes a IATED FOR THE nendment you de the solicitation a	nendment p _ copies of reference E RECEIPT sire to cha and this an	orior to the ho f the amendn to the solicita OF OFFER nge an offer	our and da ment; (b) B ation and a S PRIOR already su	ate specified by acknowled amendment TO THE HC ubmitted, suc	in t dgin nun OUR ch c	he solicitation g receipt of th nbers. FAILUI AND DATE S hange may be	or as amended, is amendment o RE OF YOUR AG PECIFIED MAY made by telegra	n each copy o CKNOWLED RESULT IN I am or letter, p	of the offer so GEMENT TO REJECTION	ethods: ubmitted; D BE I OF
See page 3	·										
(x) A. THIS CHANGE ORDER IS I	SSUED PURSUAN	TTO: (Spec	ify authority) 1	THE CHANC	GES SET FOR	THI	N ITEM 14 ARE	MADE IN THE CO	NTRACT ORDI	ER NO. IN ITE	M 10A.
B. THE ABOVE NUMBERE appropriation date, etc.) SE								CHANGES (such	as changes	in paying of	īсе,
C. THIS SUPPLEMENTAL AG	REEMENT IS ENTE	RED INTO F	PURSUANT TO	OAUTHOR	TY OF:						
D. OTHER (Specify type of mo x 52.217-9, Option			rm of th	e Cont	tract (M	ar	1989)	· · · · · · · · · · · · · · · · · · ·			
E. IMPORTANT: Contractor	is not 🗌 i	s required	to sign this	s docume	ent and retu	urn .	copies	to the issuing o	office.		
14. DESCRIPTION OF AMENDMEN										feasible.)	
The purpose of this mod	ification is t	o exerc	ise the fo	ourth 12	2-month	opt	ion period	l and to upd	ate Exhib	it E to	

÷

I ne purpose of this modification is to exercise the fourth 12-month option period and to update Exhibit E to incorporate the most recent wage determination. Accordingly, the following changes are hereby made to the Contract Schedule:

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		ROSEMARY C. FROEHLICH	÷		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY PCLIMALY CFLOCALLC	16C. DATE SIGNED		
(Signature of person authorized to sign)		(Signature of Contracting Officer)			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE			FORM 30 (Rev. 10-83) SA FAR (48 CFR) 53.243		

(continued)

A. Section B, B.2, is revised to increase cost by \$6,910,917 from \$18,561,021 to \$25,471,938. Award fee available is increased by \$394,030 from \$869,333 to \$1,263,363.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$25,471,938 exclusive of the award fee of \$1,263,363 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$26,735,301.

B. The award fee available for each evaluation period is as follows:

Period	Available/Earned Award Fee
February 1, 1996 – July 31, 1996	\$96,000
August 1, 1996 – January 31, 1997	\$90,000
February 1, 1997 – July 31, 1997	\$155,772
August 1, 1997 – January 31, 1998	\$101,313
February 1, 1998 – July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$ 60,060
February 1, 1999 – July 31, 1999	\$ 113,000 [°]
August 1, 1999 – January 31, 2000	\$ 124,788
February 1, 2000 – July 31, 2001	\$ 197,015
August 1, 2000 – January 31, 2001	\$ 197,015"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Section F, F.1, Period of Performance, is revised to extend the period of performance by 12 months from January 31, 2000, to January 31, 2001, and will read as follows:

"F.1 Period of Performance

Å .

The period of performance of this contract shall be February 1, 1996, through January 31, 2001."

C. Exhibit E, Register of Wage Determination and Fringe Benefits, July 1998 is deleted in its entirety and replaced with the attached Wage Determination No. 94-2544, Revision No. 18, dated June 3, 1999.

D. All other terms and conditions remain unchanged.

. . . .

Page 2 of 13 NAS1-20650 Modification No. 85 ŧ

CONTRACT TABULATION

	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 65	\$15,169,282	\$705,635	\$15,874,917	\$12,132,727
Mod. 66	0	0	0	0
Mod. 67	0	0	0	299,579
Mod. 68	0	-20,384	-20,384	0
Mod. 69	0	0	0	5,000
Mod. 70	0	0	0 ·	120,000
Mod. 71	0	0	0	950,000
Mod. 72	5,483,887	314,530	5,798,417	0
Mod.73	0	0	0	1,340,000
Mod. 74	-2,148,856	-116,302	-2,265,158	0
Mod. 75	0 —	0	0	0
Mod. 76	0	0	0	0
Mod. 77	0	0	0	342,700
Mod. 78	0	0	0	279,000
Mod. 79	0	0	0	, 200,000
Mod. 80	0	0	0	66,900
Mod. 81	0	0	0	0
Mod. 82	· 0	0	0	57,574
Mod. 83	56,708	-14,146	42,562	300,000
Mod. 84	0	0	0	1,212,700
Mod. 85	6,910,917	394,030	7,304,947	0
Total	\$25,471,938	\$1,263,363	\$26,735,301	\$17,306,180

Funding includes \$16,431,264 for cost and \$874,916 for fee.

Accounting and Appropriation Data:

None

.

•

EXHIBIT E, WAGE DETERMINATION

94-2544 VA,NORFOLK 06/08/99 ***FOR OFFICIAL USE ONLY BY FEDERAL AGENCIES PARTICIPATING IN MOU WITH DOL***

REGISTER OF WAGE DETERMINATION UNDER UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor

Division of Wage Determinations

U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMIN. WAGE AND HOUR DIVISION Washington, DC 20210 Wage Determination No.: 94-2544 Revision No.: 18 Date of Last Revision: 06/03/1999

State: North Carolina, Virginia

Areas: North Carolina COUNTIES OF Camden, Chowan, Currituck, Gates, Pasquotank, Perquimans Virginia COUNTIES OF Gloucester, Isle of Wight, James City, Mathews, Southampton, Surry, York, Chesapeake, Hampton, Newport News, Norfolk Poquoson, Portsmouth, Suffolk, Virginia Beach, Williamsburg

** Fringe Benefits Required For All Occupations Included In This Wage Determination Follow The Occupational Listing **

OCCUPATION CODE AND TITLE

MINIMUM HOURLY WAGE

Administrative Support and Clerical Occupations:

- 4

01011 Accounting Clerk I	\$ 7.76
01012 Accounting Clerk II	\$ 9.80
01013 Accounting Clerk III	\$ 12.19
01014 Accounting Clerk IV	\$ 13.23
01030 Court Reporter	\$ 12.43
01050 Dispatcher, Motor Vehicle	\$ 10.61
01060 Document Preparation Clerk	\$ 9.38
01070 Messenger (Courier)	\$ 7.62
01090 Duplicating Machine Operator	\$ 9.38
01110 Film/Tape Librarian	\$ 9.28
01115 General Clerk I	\$ 7.51
01116 General Clerk II	\$ 9.24
01117 General Clerk III	\$ 11.49
01118 General Clerk IV	\$ 12.84
01120 Housing Referral Assistant	\$ 13.25
01131 Key Entry Operator I	\$ 8.82
01132 Key Entry Operator II	\$ 11.10
01191 Order Clerk I	\$ 8.50
01192 Order Clerk II	\$ 11.12
01261 Personnel Assistant (Employment) I	\$ 9.49
01262 Personnel Assistant (Employment) II	\$ 10.97
01263 Personnel Assistant (Employment) III	\$ 11.58
01264 Personnel Assistant (Employment) IV	\$ 13.27
01270 Production Control Clerk	\$ 13.78
01290 Rental Clerk	\$ 9.97

Page 4 of 13 NAS1-20650 Modification No. 85

01300 Scheduler, Maintenance	\$ 9.97
01311 Secretary I	\$ 9.97
01312 Secretary II	\$ 11.60
01313 Secretary III	\$ 13.25
01314 Secretary IV	\$ 15.53
01315 Secretary V	\$ 16.30
01320 Service Order Dispatcher	\$ 10.67
01341 Stenographer I	\$10.10
01342 Stenographer II	\$11.34
01400 Supply Technician	\$ 13.23
01420 Survey Worker (Interviewer)	\$ 10.80
01460 Switchboard Operator-Receptionist	\$ 8.08
01510 Test Examiner	\$ 11.60
01520 Test Proctor	\$ 11.60
01531 Travel Clerk I	\$ 7.57
01532 Travel Clerk II	\$ 8.08
01533 Travel Clerk III	\$ 8.62
01611 Word Processor I	\$ 10.00
01612 Word Processor II	\$ 11.27
01613 Word Processor III	\$ 12.62
Automatic Data Processing Occupations:	
03010 Computer Data Librarian	\$ 8.26
03041 Computer Operator I	\$ 9.25
03042 Computer Operator II	\$10.70
03043 Computer Operator III	\$ 13.25
03044 Computer Operator IV	\$15.34
03045 Computer Operator V	\$ 16.31
03071 Computer Programmer I 1/	\$ 15.39
03072 Computer Programmer II 1/	\$ 17.42
03073 Computer Programmer III 1/	\$ 20.76
03074 Computer Programmer IV 1/	\$ 24.75
03101 Computer Systems Analyst I 1/	\$ 19.38
03102 Computer Systems Analyst II 1/	\$ 22.32
03103 Computer Systems Analyst III 1/	\$ 27.48
03160 Peripheral Equipment Operator	\$ 9.50
Automotive Service Occupations:	
05005 Automobile Body Repairer, Fiberglass	\$ 16.22
05010 Automotive Glass Installer	\$ 14.79
05040 Automotive Worker	\$ 14.79
05070 Electrician, Automotive	\$ 15.49
05100 Mobile Equipment Servicer	\$13.37
05130 Motor Equipment Metal Mechanic	\$ 16.22
05160 Motor Equipment Metal Worker	\$ 14.79
05190 Motor Vehicle Mechanic	\$ 16.22
05220 Motor Vehicle Mechanic Helper	\$ 12.61
05250 Motor Vehicle Upholstery Worker	\$ 14.07
05280 Motor Vehicle Wrecker	\$ 14.79
05310 Painter, Automotive	\$ 15.49
05340 Radiator Repair Specialist	\$ 14.07
05370 Tire Repairer	\$ 13.37
05400 Transmission Repair Specialist	\$ 16.22

. •

, .

-

Page 5 of 13 NAS1-20650 Modification No. 85 4

.

Food Preparation and Service Occupations:

.

. --

07010 Baker	\$ 8.68
07041 Cook I	\$ 7.85
07042 Cook II	\$ 8.68
07070 Dishwasher	\$ 6.96
07100 Food Service Worker (Cafeteria Worker)	\$ 6.30
07130 Meat Cutter	\$ 9.85
07250 Waiter/Waitress	\$ 6.58
Furniture Maintenance and Repair Occupations:	\$ 17 81
09010 Electrostatic Spray Painter	\$ 17.81
09040 Furniture Handler	\$ 12.89
09070 Furniture Refinisher	\$ 15.49
09100 Furniture Refinisher Helper	\$ 12.61
09110 Furniture Repairer, Minor	\$ 14.07
09130 Upholsterer	\$ 15.49
General Service and Support Occupations:	-

11030 Cleaner, Vehicles	\$ 6.96
11060 Elevator Operator	\$ 6.05
11090 Gardener	\$ 8.91
11121 Housekeeping Aide I	\$ 6.70
11122 Housekeeping Aide II	\$ 7.46
11150 Janitor	\$ 6.96
11210 Laborer, Grounds Maintenance	\$ 7.57
11240 Maid or Houseman	\$ 6.24
11270 Pest Controller	\$ 8.25
11300 Refuse Collector	\$ 6.96
11330 Tractor Operator	\$ 8.49
11360 Window Ĉleaner	\$ 7.57

Health Occupations:

.

, .

•	
12020 Dental Assistant	\$10.26
12040 Emergency Medical Tech./Paramedic Ambulance Drive	r \$ 10.26
12071 Licensed Practical Nurse I	\$ 9.40
12072 Licensed Practical Nurse II	\$ 10.55
12073 Licensed Practical Nurse III	\$ 11.80
12100 Medical Assistant	\$ 9.46
12130 Medical Laboratory Technician	\$ 10.11
12160 Medical Record Clerk	\$10.13
12190 Medical Record Technician	\$ 12.71
12221 Nursing Assistant I	\$ 6.66
12222 Nursing Assistant II	\$ 7.49
12223 Nursing Assistant III	\$ 8.17
12224 Nursing Assistant IV	\$ 9.17
12250 Pharmacy Technician	\$ 11.44
12280 Phlebotomist	\$ 10.55
12311 Registered Nurse I	\$ 14.62
12312 Registered Nurse II	\$ 17.88
12313 Registered Nurse II, Specialist	\$ 17.88

÷

.

12314 Registered Nurse III	\$ 21.64
12315 Registered Nurse III, Anesthetist	\$ 21.64
12316 Registered Nurse IV	\$ 25.93

Information and Arts Occupations:

.

13002 Audiovisual Librarian 13011 Exhibits Specialist I 13012 Exhibits Specialist II 13013 Exhibits Specialist III	\$ 13.75 \$ 15.02 \$ 18.25 \$ 20.27
13041 Illustrator I	\$ 15.02
13042 Illustrator II	\$ 18.25
13043 Illustrator III	\$ 20.27
13047 Librarian	\$ 15.81
13050 Library Technician	\$11.02
13071 Photographer I	\$11.33
13072 Photographer II	\$15.02
13073 Photographer III	\$ 18.25
13074 Photographer IV	\$ 20.27
13075 Photographer V	\$ 24.53

Laundry, Drycleaning, Pressing and Related Occups:

15010 Assembler 15030 Counter Attendant 15040 Dry Cleaner 15070 Finisher, Flatwork, Machine 15090 Presser, Hand 15100 Presser, Machine, Drycleaning 15130 Presser, Machine, Drycleaning 15160 Presser, Machine, Shirts 15160 Presser, Machine, Wearing Apparel, Laundry 15190 Sewing Machine Operator 15220 Tailor	\$ 5.83 \$ 5.83 \$ 7.18 \$ 5.83 \$ 5.83 \$ 5.83 \$ 5.83 \$ 5.83 \$ 5.83 \$ 5.83 \$ 5.83 \$ 7.66 \$ 8.13 \$ 6.28
15250 Washer, Machine	\$ 6.28

Machine Tool Operation and Repair Occupations:

19010 Machine-Tool Operator (Toolroom)	\$ 15.49
19040 Tool and Die Maker	\$ 17.84

Materials Handling and Packing Occupations:

. •

•

.

21020 Material Coordinator 21030 Material Expediter 21040 Material Handling Laborer 21050 Order Filler 21071 Forklift Operator 21080 Production Line Worker (Food Processing)	\$ 13.37 \$ 14.02 \$ 14.02 \$ 8.56 \$ 8.46 \$ 10.36 \$ 10.54 \$ 10.18
21050 Order Filler	-
21071 Forklift Operator	\$10.36
21080 Production Line Worker (Food Processing)	\$ 10.54
	\$ 10.18
21130 Shipping Packer	\$ 10.18
21140 Store Worker I	\$ 8.40
21150 Stock Clerk (Shelf Stocker; Store Worker II)	\$ 10.51
21210 Tools and Parts Attendant	\$12.54
21400 Warehouse Specialist	\$12.07

Page 7 of 13 NAS1-20650 Modification No. 85 4

Mechanics and Maintenance and Repair Occupations:

23010 Aircraft Mechanic	\$ 17.75
23040 Aircraft Mechanic Helper	\$ 13.80
23050 Aircraft Quality Control Inspector	\$ 18.53
23060 Aircraft Servicer	\$ 15.39
23070 Aircraft Worker	\$ 16.18
23100 Appliance Mechanic	\$15.49 \$12.27
23120 Bicycle Repairer	\$13.37 \$16.22
23125 Cable Splicer	\$ 16.22
23130 Carpenter, Maintenance	\$ 15.49
23140 Carpet Layer	\$17.01
23160 Electrician, Maintenance	\$ 16.22
23181 Electronics Technician, Maintenance I	\$14.09
23182 Electronics Technician, Maintenance II	\$ 14.41
23183 Electronics Technician, Maintenance III	\$ 15.44
23260 Fabric Worker	\$ 14.07
23290 Fire Alarm System Mechanic	\$ 16.22
23310 Fire Extinguisher Repairer	\$ 13.37
23340 Fuel Distribution System Mechanic	\$16.22
23370 General Maintenance Worker	\$ 14.79
23400 Heating, Refrigeration and Air-Conditioning Mechanic	\$ 16.22
23430 Heavy Equipment Mechanic	\$ 16.22
23440 Heavy Equipment Operator	\$16.22
23460 Instrument Mechanic	\$ 16.22
23470 Laborer	\$ 9.68
23500 Locksmith	\$ 15.49
23530 Machinery Maintenance Mechanic	\$ 16.18
23550 Machinist, Maintenance	\$16.22
23580 Maintenance Trades Helper	\$ 12.61
23640 Millwright	\$ 18.65
23700 Office Appliance Repairer	\$ 15.49
23740 Painter, Aircraft	\$ 15.49
23760 Painter, Maintenance	\$ 15.49
23790 Pipefitter, Maintenance	\$ 16.22
23800 Plumber, Maintenance	\$ 15.49
	\$ 16.22
23820 Pneudraulic Systems Mechanic	
23850 Rigger	\$ 16.22
23870 Scale Mechanic	\$ 14.79
23890 Sheet-Metal Worker, Maintenance	\$ 16.22
23910 Small Engine Mechanic	\$ 14.79
23930 Telecommunications Mechanic I	\$ 16.22
23931 Telecommunications Mechanic II	\$ 19.48
23950 Telephone Lineman	\$ 16.22
23960 Welder, Combination, Maintenance	\$ 16.22
23965 Well Driller	\$ 16.22
23970 Woodcraft Worker	\$16.22
23980 Woodworker	\$ 13.37
Personal Needs Occupations:	
24570 Child Care Attendant	\$ 6.34
24580 Child Care Center Clerk	\$ 9.10
24600 Chore Aide	\$ 5.92

٠

- ----

Page 8 of 13 NAS1-20650 Modification No. 85 4

.

• • •••

24630 Homemaker	\$ 9.58
	<i>•</i> 7.50
Plant and System Operation Occupations:	
25010 Boiler Tender	\$ 16.22
25040 Sewage Plant Operator	\$ 17.21
25070 Stationary Engineer	\$ 16.22
25190 Ventilation Equipment Tender	\$ 12.61
25210 Water Treatment Plant Operator	\$ 17.21
Protective Service Occupations:	
27004 Alarm Monitor	\$ 8.29
27006 Corrections Officer	\$ 11.91
27010 Court Security Officer	\$ 11.91
27040 Detention Officer	\$ 11.91
27070 Firefighter	\$ 13.19 \$ 6.03
27101 Guard I	\$ 6.93 \$ 8.29
27102 Guard II 27130 Police Officer	\$ 14.25
2/150 Police Officer	ψ 11.200
Stevedoring/Longshoremen Occupational Services:	
28010 Blocker and Bracer	\$ 14.18
28020 Hatch Tender	\$ 12.33
28030 Line Handler	\$ 12.33
28040 Stevedore I	\$ 13.57
28050 Stevedore II	\$ 14.90
Technical Occupations:	
29010 Air Traffic Control Specialist, Center 2/	\$ 24.90
29011 Air Traffic Control Specialist, Station 2/	\$17.17
29012 Air Traffic Control Specialist, Terminal 2/	\$ 18.91
29023 Archeological Technician I	\$ 11.43
29024 Archeological Technician II	\$ 12.85
29025 Archeological Technician III	\$ 15.87
29030 Cartographic Technician	\$ 15.87
29035 Computer Based Training (CBT) Specialist/Instructor	\$ 20.26 \$ 18.25
29040 Civil Engineering Technician	\$ 18.25 \$ 10.07
29061 Drafter I 29062 Drafter II	\$ 10.07 \$ 11.33
29063 Drafter II	\$11.55 \$14.24
29064 Drafter IV	\$ 17.30
29081 Engineering Technician I	\$ 12.06
29082 Engineering Technician II	\$ 12.90
29083 Engineering Technician III	\$ 15.89
29084 Engineering Technician IV	\$ 19.25
29085 Engineering Technician V	\$ 22.48
29086 Engineering Technician VI	\$ 27.78
29090 Environmental Technician	\$ 15.87
29100 Flight Simulator/Instructor (Pilot)	\$ 23.32
29150 Graphic Artist	\$ 17.62
29160 Instructor	\$ 17.51 \$ 11.86
29210 Laboratory Technician	ψ11.00

 \sim

Page 9 of 13 NAS1-20650 Modification No. 85 4

٠

•

29240 Mathematical Technician	\$ 15.87
29361 Paralegal/Legal Assistant I	\$ 10.80
29362 Paralegal/Legal Assistant II	\$ 13.12
29363 Paralegal/Legal Assistant III	\$ 16.05
29364 Paralegal/Legal Assistant IV	\$ 19.42
29390 Photooptics Technician	\$ 18.25
29480 Technical Writer	\$ 15.02
29491 Unexploded Ordnance Technician I	\$ 15.82
29492 Unexploded Ordnance Technician II	\$ 19.15
29493 Unexploded Ordnance Technician III	\$ 22.95
29494 Unexploded Safety Escort	\$ 15.82
29495 Unexploded Sweep Personnel	\$ 15.82
29620 Weather Observer, Senior 3/	\$ 14.72
29621 Weather Observer, Combined Upper Air & Surf	ace Programs 3/ \$13.60
29622 Weather Observer, Upper Air 3/	\$ 13.60

Transportation/Mobile Equipment Operation Occups:

31030 Bus Driver	\$ 9.42
31260 Parking and Lot Attendant	\$ 6.98
31290 Shuttle Bus Driver	\$ 9.01
31300 Taxi Driver	\$ 8.50
31361 Truckdriver, Light Truck	\$ 9.01
31362 Truckdriver, Medium Truck	\$ 9.42
31363 Truckdriver, Heavy Truck	\$ 11.18
31364 Truckdriver, Tractor-Trailer	\$ 11.18

Miscellaneous Occupations:

. •

• . . . **.** •

•

99020 Animal Caretaker	\$ 7.00
99030 Cashier	\$ 6.23
99041 Carnival Equipment Operator	\$ 8.49
99042 Carnival Equipment Repairer	\$ 8.91
99043 Carnival Worker	\$ 6.05
99050 Desk Clerk	\$ 7.00
99095 Embalmer	\$ 17.63
99300 Lifeguard	\$ 6.16
99310 Mortician	\$ 17.63
99350 Park Attendant (Aide)	\$ 7.74
99400 Photofinishing Worker (Photo Lab Tech., Darkroom	•
99500 Recreation Specialist	\$ 13.04
99510 Recycling Worker	\$ 8.52
99610 Sales Clerk	\$ 6.16
99620 School Crossing Guard (Crosswalk Attendant)	\$ 6.96
99630 Sports Official	\$ 6.16
99658 Survey Party Chief (Chief of Party)	\$ 9.49
99659 Surveying Technician (Instr. Person/Surveyor Asst.	· ·
99660 Surveying Aide	\$ 5.92
99690 Swimming Pool Operator	\$ 8.68
99720 Vending Machine Attendant	\$ 8.52
99730 Vending Machine Repairer	\$ 9.98
99740 Vending Machine Repairer Helper	\$ 8.52
22740 Vending Machine Repairer Helper	5 0.54

Page 10 of 13 NAS1-20650 Modification No. 85

.

** Fringe Benefits Required For All Occupations Included In This Wage Determination **

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.56 per hour computed on the basis of all hours worked by service employess employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: Minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

1/ Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

2/APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3/WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employee (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday preium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$4.25 per week (or \$.85 cents per day).

. . .

Page 11 of 13 NAS1-20650 Modification No. 85 However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Source of Occupational Titles and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Second Supplement, dated August 1995, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S.-Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. [See Section 4.6 (C)(vi)] When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

.

1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).

2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, • together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

Page 12 of 13 NAS1-20650 Modification No. 85 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

a de la companya de l

			OMB	Approval #: 2 -0042		
AMENDMENT OF S	OLICITATION	MODIFICATION OF		1. CONTRACT ID CODE	PAGE O 1	F PAGES
2. AMENDMENT/MODIFICA	TION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO.			l . (If applicable)
86		5116100		n/a		
6. ISSUED BY	CODE		7. Adminis	ERED BY (If other than Item 6)		
National Aeronau Langley Researc Hampton, VA 2	h Center	e Administration				
8. NAME AND ADDRESS O	F CONTRACTOR (N	o., street, county, State, and Zip C	ode) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
NCI Information 8260 Greensbo	pro Drive, Suit			9B. DATED (SEE ITEM 11)		
McLean, VA 2	2102			10A. MODIFICATION OF CO	NTRACT/ORDER	10
			X	NAS1-20650		
				10B. DATED (SEE ITEM 13)		
CODE		ILITY CODE		2/1/96		
	11. THIS ITE	M ONLY APPLIES TO A	AMENDME	NTS OF SOLICITATIO	DNS	
extended. Offers must acknowledge rea (a) By completing Items 8 an or (c) By separate letter or te RECEIVED AT THE PLACE YOUR OFFER. If by virtue of telegram or letter makes refe 12. ACCOUNTING AND AP N/A	ceipt of this amendme d 15, and returning _ legram which include DESIGNATED FOR ⁻ of this amendment you erence to the solicitati PROPRIATION DATA	s a reference to the solicitation an THE RECEIPT OF OFFERS PRIO I desire to change an offer already on and this amendment, and is rec A (<i>If required</i>)	ified in the solid) By acknowled d amendment R TO THE HO submitted, suc ceived prior to t	itation or as amended, by one of ging receipt of this amendment o numbers. FAILURE OF YOUR A UR AND DATE SPECIFIED MAY th change may be made by telegr he opening hour and date specifi	n each copy of the c CKNOWLEDGEMEI RESULT IN REJEC am or letter, provide ed.	ffer submitted; NT TO BE CTION OF
		PLIES ONLY TO MOD THE CONTRACT/ORDI			•	
	ORDER IS ISSUED P	PURSUANT TO: (Specify authority				DNTRACT
appropriation date,	etc.) SET FORTH IN	CT/ORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AI	UTHORITY OF	FAR 43.103(b).	h as changes in pay	ing office,
C. THIS SUPPLEN	NENTAL AGREEMEN	T IS ENTERED INTO PURSUANT	TO AUTHOR	ITY OF:		
	y type of modification Award Fee fo	and authority) r Service Contracts (SE	P 1993)			<u></u>
		quired to sign this document ar TION (Organized by UCF section		copies to the issuing offic iding solicitation/contract subject		vie.)
reflect the amou to the Contract S Except as provided herein, a effect.	nt earned as de Schedule. Il terms and condition	n is revise the award fee etermined by the Govern s of the document referenced in It	nment. Ac	cordingly, the following	, change is he	reby made
15A. NAME AND TITLE OF	SIGNER (Type or pri	nt)	LISA	AND TITLE OF CONTRACTING M. HARVEY 'RACTING OFFICER		print)
15B. CONTRACTOR/OFF	POP	15C DATE SIGNED		STATES OF AMERICA		

(Signature of person authorized to sign) NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

, Kurker

30-105

ΒY

V

Usa,

(Signature of Contracting Officer) STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 00

6

lı

d



.

...

A. Section B., B.2, ESTIMATED COST, AWARD FEE, AND FIXED FEE, Paragraph B, is revised to reflect the award fee available for the eighth award fee period in the amount of \$114,805 as reflected below:

"B. The award fee available for each evaluation period is as follows:

Period	Available/Earned Award Fee
February 1, 1996 - July 31, 1996	\$96,000
August 1, 1996 - January 31, 1997	\$90,000
February 1, 1997 - July 31, 1997	\$155,772
August 1, 1997 - January 31, 1998	\$101,313
February 1, 1998 - July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$ 60,060
February 1, 1999 – July 31, 1999	\$ 113,000
August 1, 1999 – January 31, 2000	\$ 114,805"

B. All other terms and conditions remain unchanged.

AMENDMENT OF	F SOLICITATION/	MODIFICATION OF C	ONTRACT		1	2
2. AMENDMENT/MODIFICA	TION NO.	3. EFFECTIVE DATE MAR 2 0 2000	4. REQUISITION/PURCHAS		5, PROJECT NO. (If	applicable)
8	7		7 ADMINISTERED BY (If ot			
6. ISSUED BY				er man nem oj		
National Aeror Langley Resea	nautics and Space A arch Center	Administration				
Hampton, VA						
· · · · · · · · · · · · · · · · · · ·						
8. NAME AND ADDRES	S OF CONTRACTOR (No.	., street, county, State, and Zip	(X) 9A. AMENDMEN	T OF SOLICITATION N	Ю.	
Code)						
			9B. DATED (SEE	ITEM 11)		
	tion Systems, Inc.					
	ooro Drive, Suite 4	100	10A. MODIFICAT	ION OF CONTRACT/C	DRDER NO.	
McLean, VA	22102		X NAS1-20	550	•	
•			10B. DATED (SE	E ITEM 13)		
CODE	FACILITY C	CODE	2/1/96			
	11. THIS	ITEM ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS		
The above number	red solicitation is amended	as set forth in Item 14. The hour	and date specified for receip	ot of Offers is ex		xtended.
Offers must acknowledg	e receipt of this amendmen	nt prior to the hour and date speci	fied in the solicitation or as a	mended, by one of the f	following methods:	
(a) By completing Items	8 and 15 and returning	copies of the amendment: (b)	By acknowledging receipt of	this amendment on ea	ch copy of the offer sub	mitted; or (c
By separate letter or tele	oram which includes a refe	erence to the solicitation and ame	ndment numbers. FAILURE	OF YOUR ACKNOWLE	EDGEMENT TO BE RE	CEIVED AT
THE PLACE DESIGNAT	ED FOR THE RECEIPT O	F OFFERS PRIOR TO THE HOL	IR AND DATE SPECIFIED M	AY RESULT IN REJEC	TION OF YOUR OFFE	R. If by virtu
of this amendment you d	lesire to change an offer all	ready submitted, such change ma	y be made by telegram or let	ter, provided each teleg	gram or letter makes ref	erence to the
	endment, and is received pri PROPRIATION DATA (If require	ior to the opening hour and date s	pecified.			
	FROERINGIN DATA (II TEQUIN	60)				
See nage 2						
See page 2	13 THIS ITEM		DIFICATIONS OF CO	ONTRACTS/ORDI	ERS.	
See page 2		A APPLIES ONLY TO MC				
· · · · · · · · · · · · · · · · · · ·	IT MODIFI	A APPLIES ONLY TO MC IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA	DER NO. AS DESCR	IBED IN ITEM 14.	•	10A.
· · · · · · · · · · · · · · · · · · ·	IT MODIFI	IES THE CONTRACT/OR	DER NO. AS DESCR	IBED IN ITEM 14.	•	10A.
(x) A. THIS CHANG B. THE ABOV	IT MODIFI	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA	DER NO. AS DESCR	IBED IN ITEM 14. RE MADE IN THE CONTR E CHANGES (such as	RACT ORDER NO. IN ITEM	
(x) A. THIS CHANG B. THE ABOV X appropriation of	IT MODIFI E ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA T/ORDER IS MODIFIED TO REF	DER NO. AS DESCR INGES SET FORTH IN ITEM 14 A LECT THE ADMINISTRATIV JTHORITY OF FAR 43.103(1	IBED IN ITEM 14. RE MADE IN THE CONTR E CHANGES (such as	RACT ORDER NO. IN ITEM	
(x) A. THIS CHANG B. THE ABOV X appropriation of	IT MODIFI E ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA	DER NO. AS DESCR INGES SET FORTH IN ITEM 14 A LECT THE ADMINISTRATIV JTHORITY OF FAR 43.103(1	IBED IN ITEM 14. RE MADE IN THE CONTR E CHANGES (such as	RACT ORDER NO. IN ITEM	
(x) A. THIS CHANG B. THE ABOV Appropriation of C. THIS SUPPLIE	IT MODIFI E ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC Jate, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA T/ORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU VITERED INTO PURSUANT TO AUTHO	DER NO. AS DESCR INGES SET FORTH IN ITEM 14 A LECT THE ADMINISTRATIV JTHORITY OF FAR 43.103(1	IBED IN ITEM 14. RE MADE IN THE CONTR E CHANGES (such as	RACT ORDER NO. IN ITEM	
(x) A. THIS CHANG B. THE ABOV Appropriation of C. THIS SUPPLIE	IT MODIFI E ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA T/ORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU VITERED INTO PURSUANT TO AUTHO	DER NO. AS DESCR INGES SET FORTH IN ITEM 14 A LECT THE ADMINISTRATIV JTHORITY OF FAR 43.103(1	IBED IN ITEM 14. RE MADE IN THE CONTR E CHANGES (such as	RACT ORDER NO. IN ITEM	
X A THIS CHANG B. THE ABOV appropriation of C. THIS SUPPLI D. OTHER (Spec	IT MODIFI E ORDER IS ISSUED PURSU/ VE NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN cify type of modification and au	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU VTERED INTO PURSUANT TO AUTHO uthority	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR E CHANGES (such as p).	RACT ORDER NO. IN ITEM	
A. THIS CHANG A. THIS CHANG B. THE ABOV appropriation c C. THIS SUPPLI D. OTHER (Spec E. IMPORTANT: CC	IT MODIFI	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO withority	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o	Changes in paying office.	
(x) A THIS CHANG B. THE ABOV appropriation of C. THIS SUPPLI D. OTHER (Spec E. IMPORTANT: Co 14. DESCRIPTION OF	IT MODIFI TE ORDER IS ISSUED PURSU/ TE NUMBERED CONTRAC date, etc.) SET FORTH IN IT EMENTAL AGREEMENT IS EN city type of modification and au city type of modification and au ontractor is not, and au	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTHO withority is required to sign this docu TION (Organized by UCF section	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSUA E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT.MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSU/ TE NUMBERED CONTRAC date, etc.) SET FORTH IN IT EMENTAL AGREEMENT IS EN city type of modification and au city type of modification and au ontractor is not, and au	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSUA E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT.MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSUA E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT.MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A. THIS CHANG B. THE ABOV A appropriation of C. THIS SUPPLI D. OTHER (Specific Content of	IT MODIFI TE ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT/MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT/MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT/MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A appropriation of C. THIS SUPPLI D. OTHER (Specific Content of	IT MODIFI TE ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT/MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A appropriation of C. THIS SUPPLI D. OTHER (Specific Content of	IT MODIFI TE ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT/MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU THERED INTO PURSUANT TO AUTHO uthority is required to sign this docu TION (Organized by UCF section on is to provide increm	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific Content of C	IT MODIFI TE ORDER IS ISSUED PURSU/ E NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is AMENDMENT/MODIFICAT of this modification	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTHO whority is required to sign this docu thority is required to sign this docu tion (Organized by UCF section on is to provide increm nade:	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as b). opies to the issuing o on/contract subject mat	RACT ORDER NO. IN ITEM changes in paying offic changes in paying offic	e,
A THIS CHANG B. THE ABOV A ppropriation c C. THIS SUPPLI D. OTHER (Specific Content of Contentof Content of Content of Content of Content of Con	IT MODIFI BE ORDER IS ISSUED PURSUA (E NUMBERED CONTRAC Jate, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN cify type of modification and au ontractor is not, is not, on AMENDMENTADDIFICAT of this modification anges are hereby n	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTHO withority is required to sign this docu THON (Organized by UCF section on is to provide increm nade:	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as a). opies to the issuing of on/contract subject mat amount of \$1,7	changes in paying office. ter where feasible.) '03,200. Accord	e, lingly, th
A THIS CHANG B. THE ABOV A ppropriation of C. THIS SUPPLI D. OTHER (Specific text) D. OTHER (Specific text)	IT MODIFI BE ORDER IS ISSUED PURSUA (E NUMBERED CONTRAC Jate, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN cify type of modification and au ontractor is not, is not, on AMENDMENTADDIFICAT of this modification anges are hereby n	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU VITERED INTO PURSUANT TO AUTHO withority is required to sign this docu THON (Organized by UCF section on is to provide increm nade:	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR E CHANGES (such as b). opies to the issuing of on/contract subject mat amount of \$1,7 amount of \$1,7	rce and effect. OFFICER (Type or print	e, lingly, th
A THIS CHANG B. THE ABOV appropriation of C. THIS SUPPLI D. OTHER (Spec E. IMPORTANT: Co 14. DESCRIPTION OF The purpose following cha Except as provided herein,	IT MODIFI TE ORDER IS ISSUED PURSUA TE NUMBERED CONTRAC Date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, i AMENDMENTMODIFICAT of this modification anges are hereby n all terms and conditions of the	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU VITERED INTO PURSUANT TO AUTHO withority is required to sign this docu THON (Organized by UCF section on is to provide increm nade:	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as a). opies to the issuing of on/contract subject mat amount of \$1,7	rce and effect. OFFICER (Type or print	e, lingly, th
A THIS CHANG B. THE ABOV appropriation of C. THIS SUPPLI D. OTHER (Spec E. IMPORTANT: Co 14. DESCRIPTION OF The purpose following cha Except as provided herein,	IT MODIFI E ORDER IS ISSUED PURSU/ TE NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is not, and AMENDMENT/MODIFICAT of this modification anges are hereby m all terms and conditions of the E OF SIGNER (Type or prin	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU VITERED INTO PURSUANT TO AUTHO withority is required to sign this docu THON (Organized by UCF section on is to provide increm nade:	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as ab). opies to the issuing of on/contract subject mat amount of \$1,7 amount of \$1,7 ILISA M. HA	rce and effect. OFFICER (Type or print	e, lingly, th
A THIS CHANG A THIS A THIS A THIS CHANG A THIS CHANG A THIS CHANG	IT MODIFI E ORDER IS ISSUED PURSU/ TE NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is not, and AMENDMENT/MODIFICAT of this modification anges are hereby m all terms and conditions of the E OF SIGNER (Type or prin	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTHO withority is required to sign this docu thority is required to sign this docu tion (Organized by UCF section on is to provide increm made:	DER NO. AS DESCR	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as ab). opies to the issuing of on/contract subject mat amount of \$1,7 amount of \$1,7 ILISA M. HA	rce and effect. OFFICER (Type or print RVEY	e, lingly, th
A THIS CHANG A THIS CHANG A THIS CHANG A appropriation of C. THIS SUPPLI D. OTHER (Specific content of the content o	IT MODIFI E ORDER IS ISSUED PURSU/ TE NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is not, and AMENDMENT/MODIFICAT of this modification anges are hereby m all terms and conditions of the E OF SIGNER (Type or prin	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA TORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU ITERED INTO PURSUANT TO AUTHO withority is required to sign this docu thority is required to sign this docu tion (Organized by UCF section on is to provide increm made:	Continued) A as heretofore changed, remain 16B. NATED STATES BY	IBED IN ITEM 14. IRE MADE IN THE CONTR TE CHANGES (such as ab). opies to the issuing of on/contract subject mat amount of \$1,7 amount of \$1,7 ILISA M. HA	rce and effect. OFFICER (Type or print RVEY	e, lingly, th
A THIS CHANG A	IT MODIFI E ORDER IS ISSUED PURSU/ TE NUMBERED CONTRAC date, etc.) SET FORTH IN I EMENTAL AGREEMENT IS EN city type of modification and au ontractor is not, is not, and AMENDMENT/MODIFICAT of this modification anges are hereby m all terms and conditions of the E OF SIGNER (Type or printication) DFFEROR erson authorized to sign)	IES THE CONTRACT/OR ANT TO: (Specify authority) THE CHA CT/ORDER IS MODIFIED TO REFITEM 14, PURSUANT TO THE AUTHOR ITEM 14, PURSUANT TO THE AUTHOR where the intermed in the required to sign this docu TION (Organized by UCF section Dn is to provide increm made: document referenced in Item 9A or 10 nt) 15C. DATE SIGNED	Continued) A as heretofore changed, remain 16B. NATED STATES BY	IBED IN ITEM 14. IRE MADE IN THE CONTR E CHANGES (such as b). opies to the issuing of on/contract subject mat amount of \$1,7 amount of \$1,7 ILISA M. HA OF MERICA Contracting Officer) STANDARI	rce and effect. OFFICER (Type or print RVEY	e, lingly, th signed -u (co)

• •

A. Incremental Funding in the amount of \$1,703,200 is being provided as follows: funding for cost will be increased by \$1,528,200, funding for fee will be increased by \$175,000. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$17,959,464. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996, through August 3, 2000.

(b) An additional amount of \$1,049,916 is obligated under this contract for payment of fee."

B. All other contract terms and conditions remain unchanged.

CONTRACT	TABUL	ATION

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 84	\$18,561,021	\$869,334	\$19,430,355	\$17,306,180
Mod. 85	6,910,917	394,030	7,304,947	0
Mod. 86	0	0	0	0
Mod. 87	0	0	0	1,703,200
Total	\$25,471,938	\$1,263,364	\$26,735,302	\$19,009,380

Funding includes \$17,959,464 for cost and \$1,049,916 for fee.

Acct and Appropriation Data:

<u>PR No.</u>	PY	јо	Program No.	Amount		Complete/Partial
			-			-
SLB.1028	00	A5487	282-30-02-14	\$	75,000	Complete
SLB.1029	00	A5487	282-30-02-14	\$	150,000	Complete
SLB.1039	00	A5160	282-30-02-04	\$1	,230,000	Complete
SLB.1040	00	A5063	282-10-08-00	\$	2,800	Complete
RFC.1046	00	M3235	992-20-03-31	\$	9,500	Complete
SMB.1003	00	M3213	992-20-09-32	\$	46,000	Complete
	00	M4012	992-30-12-01	\$	46,000	Complete
SMB.1004	00	M3213	992-20-09-32	\$	4,500	Complete
SMB.1005	00	M3213	992-20-09-32	\$	4,500	Complete
SMB.1006	00	M3213	992-20-09-32	\$	10,900	Complete
SCB.1013	00	M3971	992-30-06-02	\$	15,000	Complete
SA.1006	00	A5000	282-10-01-07	\$	15,000	Complete
SC.1004	00	M3159	992-30-06-01	\$	84,000	Complete
<u>RFZ.1019</u>	00	M1754	997-18-00-16	\$	10,000	Complete
Total				\$1	,703,200	-

NOTE: \$216,000 on PR SC.1004 is released.

Page 2 of 2 NAS1-20650 Modification No. 87 ι

· . ·						
)				OMB Approval #: 2700-0042
AMENDMENT OF SOLIC	ITATION/MOD	IFICATION OF CO			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFI	FECTIVE DATE	4. RE	QUISITION/PURCHASE		5. PROJECT NO. (If applicable)
6. ISSUED BY	lco		7. AC	MINISTERED BY (If othe		CODE
National Aeronautics a Langley Research Cen Hampton, VA 23681-2	ter	inistration				
8. NAME AND ADDRESS OF CONTI	RACTOR (No., street,	, county, State, and Zip	(X)	9A. AMENDMENT	OF SOLICITATION NO.	
Code)						
NCI Information Syst	ems. Inc			9B. DATED (SEE	ITEM 11)	
8260 Greensboro Driv				ARA MODIFICATI		
McLean, VA 22102	- ,		x	NAS1-206	ON OF CONTRACT/ORE	JER NO.
				11751-200	50	
				108. DATED (SEE	TEM 13)	······································
CODE	FACILITY CODE		1	2/1/96		
The above numbered solicitation		ONLY APPLIES TO				·····
	THIS ITEM APP IT MODIFIES TI SSUED PURSUANT TO D CONTRACT/ORDI T FORTH IN ITEM 14	ER IS MODIFIED TO REFL PURSUANT TO THE AU	DER N	IO. AS DESCRI	BED IN ITEM 14. RE MADE IN THE CONTRAC	T ORDER NO. IN ITEM 10A.
D. OTHER (Specify type of mod	dification and authority	······································				
	is not, 🗌 is re					· · · · · · · · · · · · · · · · · · ·
E. IMPORTANT: Contractor 2 14. DESCRIPTION OF AMENDMEN The purpose of this m following changes are	ITMODIFICATION (C	o provide increme	oadings	, including solicitation		where feasible.)
		1	continue	art)	N.	nd (j. 1917) Statestick Statestick
Except as provided herein, all terms and c 15A. NAME AND TITLE OF SIGNER	onditions of the documer	nt referenced in Item 9A or 10A	as here	tofore changed, remains	unchanged and in full force a OF CONTRACTING OFF	
	. I the or brand		100		LISA M. HAR	,
15B. CONTRACTOR/OFFEROR	ľ	15C. DATE SIGNED	168 BY	. UNITED STATES O		La Sate Signed
(Signature of person authoriz NSN 7540-01-152-8070	ted to sign)			(Signature of (Contracting Officer)	
PREVIOUS EDITION UNUSABLE		30-1	UD			ORM 30 (Rev. 10-83) FAR (48 CFR) 53.243
		FILE CC) PY	,		

¥

A. Incremental Funding in the amount of \$528,900 is being provided as follows: funding for cost will be increased by \$493,900, funding for fee will be increased by \$35,000. Accordingly, Section B., B-3, Contract Funding, is revised as follows:

۰.

"B.3 CONTRACT FUNDING (NASA 18-52.232.81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government on this contract is \$18,453,364. This allotment is for Business and Administrative Management Information Services (BAMIS) and covers the following estimated period of performance: February 1, 1996, through September 3, 2000.

(b) An additional amount of \$1,084,916 is obligated under this contract for payment of fee."

B. All other contract terms and conditions remain unchanged.

CONTRACT TABULATION

	Estimated Cost	Award Fee	CPAF	Funding
Through Mod. 84	\$18,561,021	\$869,334	\$19,430,355	\$17,306,180
Mod. 85	6,910,917	394,030	7,304,947	0
Mod. 86	0	0	0	0
Mod. 87	0	0	0	1,703,200
Mod. 88	0	0	0	528,900
Total	\$25,471,938	\$1,263,364	\$26,735,302	\$19,538,280

Funding includes \$18,453,364 for cost and \$1,084,916 for fee.

Acct and Appropriation Data:

PR No.	<u>PY</u>	JO	Program No.	Ar	nount	Complete/Partial
SLB.1042	00	R 24056	258-80-00-30	\$	8,500	Complete
SLB.1046	00	M4069	992-30-02-11	\$	60,000	Complete
SCB.1019	00	M3971	992-30-06-02	\$	7,000	Complete
RFZ.1025	00	M1754	997-18-00-16	\$	2,400	Complete
SA.1007	00	A7142	282-10-90-90	\$	59,000	Complete
SA.1008	00	A5003	282-10-01-06	\$	4,000	Complete
SAA.1002	00	A7101	282-10-01-99	\$	250,000	Complete
SC.1007	00	M3971	992-30-06-02	\$	28,000	Complete
<u>SI.2056</u>	00	A5063	282-10-08-00	\$_	110,000	Complete
Total				\$	528,900	

ι.

					1. CONTRACT		B Approval #: PAGE OF	
AME	NDMENT OF SOLICITATIO	N/MODIFICATION O	F CONTRA	СТ			1	6
	DMENT/MODIFICATION NO	3 EFFECTIVE DATE	4. REQUISITIO	N/PURCHASE	REQ. NO.	5. PROJEC	T NO. (If applic	cable)
	89	MAY 1 2 2000		<u>N/A</u>				_
6. ISSU	ED BY CODE	L	7. ADMINISTE	RED BY (If oth	er than Item 6)	CODE	L	
La	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	e Administration						
8. NAN	E AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip	Code) (x)	9A. AMEI	NDMENT OF SOL	ICITATION NO).	
N	CI Information Systems, Inc.							
	260 Greensboro Drive, Suite			9B. DATE	D (SEE ITEM 11)		
	cLean, VA 22102							
141	(cl)(all, V/Y 22102			10A. MO	DIFICATION OF	ONTRACT/OF	DER NO	
					24 20650			
			×		S1-20650 TED (SEE ITEM 1			
						3)		
CODE				2/1/				
	<u>11. THIS I</u>	TEM ONLY APPLIES TO	AMENDMEN	ITS OF SO	DLICITATION	S		
extende (a) By c or (c) B RECEI ¹ YOUR telegrad	The above numbered solicitation is amended. offers must acknowledge receipt of this completing Items 8 and 15, and returning _ y separate letter or telegram which include VED AT THE PLACE DESIGNATED FOR OFFER. If by virtue of this amendment yo m or letter makes reference to the solicitation COUNTING AND APPROPRIATION DATA (if recompleted) /A	s amendment prior to the hour and copies of the amendment; (I ss a reference to the solicitation ar THE RECEIPT OF OFFERS PRI u desire to change an offer alread on and this amendment, and is re	d date specified in b) By acknowledg nd amendment nu OR TO THE HOU by submitted, such	the solicitati ing receipt of imbers. FAIL JR AND DAT in change may	on or as amended f this amendment URE OF YOUR / E SPECIFIED M y be made by tele	on each copy o ACKNOWLEDG AY RESULT IN gram or letter, p	f the offer su EMENT TO REJECTION	ethods: Ibmitted BE N OF
	A THIS CHANGE ORDER IS ISSUED PURS	UANT TO: (Specify authority) THE CI	HANGES SET FOR	TH IN ITEM 14	ARE MADE IN THE	CONTRACT OR	DER NO. IN IT	EM 10A.
(x)								
	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE A	UTHORITY OF I			ich as changes	in paying of	fice,
(x)	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT IS I	ITEM 14, PURSUANT TO THE A	NUTHORITY OF I	FAR 43.103(t) .	uch as changes	in paying of	fice,
	B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE A ENTERED INTO PURSUANT TO AUTH eimbursement (AUG 19	NUTHORITY OF I	FAR 43.103(t) .	uch as changes	in paying of	fice,

E. IMPORTANT: Contractor is not, X is required to sign this document and return <u>3</u> copies to the issuing office.
 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to provide for a full and equitable adjustment pursuant to the Changes clause as a result of the statement of work being changed. Accordingly, Exhibit G is being revised to reflect the JDD statement of work that is being added. The following changes are hereby made to the Contract Schedule:

EXEC	UTED BY		ARTIES	
	(cor	itinued)		
Except as provided herein, all terms and conditions of the docum	nent referenced in Item 9A or 10	A, as heretofore cha	nged, remains unchanged and in full fo	rce and effect.
15A. NAME AND TITLE OF SKINEB. Type or print)		16A. NAME AN	ID TITLE OF CONTRACTING OF	FICER (Type or print)
Director of Federal Contract	5		LISA M. HAR	/EY
15B. CONTRACTOR OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
Bignature of person authorized to sign)	5/11/00		val A Harre	2-57,2100
NSN 7640-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105	STANDAR Prescribed by	
		**	FAR (48 CFR) 53.243
	FLECOF	7		

A. Section B, B.2, is revised to increase cost by 104,612 from 25,471,938 to 25,576,550. Award fee available is increased by 5,277 from 1,263,364 to 1,268,641.

"B.2 ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of this contract is \$25,576,550 exclusive of the award fee of \$1,268,641 and fixed fee* of \$0. The total estimated cost, award fee, and fixed fee is \$26,845,191.

B. The award fee available for each evaluation period is as follows:

Period	Available/Earned Award Fee
February 1, 1996 – July 31, 1996	\$96,000
August 1, 1996 – January 31, 1997	\$90,000
February 1, 1997 – July 31, 1997	\$155,772
August 1, 1997 – January 31, 1998	\$101,313
February 1, 1998 – July 31, 1998	\$128,400
August 1, 1998 – January 31, 1999	\$ 60,060
February 1, 1999 – July 31, 1999	\$113,000
August 1, 1999 – January 31, 2000	\$124,788
February 1, 2000 – July 31, 2000	\$202,292
August 1, 2000 – Janaury 31, 2001	\$197,015"

*A fixed fee amount will be inserted if the Government exercises any of the six one-month options to extend the contract term as set forth in H.12, Options.

B. Exhibit G, Job Description Documents (JDDs), Section 9, is revised to add the statement of work for GM005.01 as a result of this modification.

CONTRACT TABULATION

,	Estimated Cost	Award Fee	<u>CPAF</u>	Funding
Through Mod. 84	\$18,561,021	\$869,334	\$19,430,355	\$17,306,180
Mod. 85	6,910,917	394,030	7,304,947	0
Mod. 86	0	0	0	0
Mod. 87	0	0	0	1,703,200
Mod. 88	0	. 0	0	528,900
Mod. 89	104,612	5,277	109,889	0
Total	\$25,576,550	\$1,268,641	\$26,845,191	\$19,538,280

Funding includes \$18,453,364 for cost and \$1,084,916 for fee.

٤.

JDD Number	Estimated Cost	Award Fee	CPAF	Funding	Modification Definitized	Status
AF001.00	\$31,500	\$1,264	\$32,764	\$32,764	Mod. 5	Complete
GMG001.00	92,033	3,693	\$95,726	95,726	Mod. 8	Complete
AF002.00	38,524	1,572	\$40,096	41,367	Mod. 15	Complete
AF003.00	14,907	666	\$15,573	13,736	Mod. 15	Complete
HA001.00	14,022	838	\$14,860	14,860	Mod. 15	Complete
I001.00	10,460	420	\$10,880	10,880	Mod. 15	Complete
HA002.00	149,390	7,180	\$156,570	156,570	Mod. 16	Complete
AF004.00	85,324	3,579	\$88,903	80,980	Mod. 17	Complete
GI001.00	23,810	1,091	\$24,901	24,901	Mod. 20	Complete
GM001.00	81,457	3,493	\$84,950	84,950	Mod. 20	Complete
HB001.00	93,058	4,857	\$97,915	97,915	Mod. 20	Complete
GM002.00	61,189	2,943	\$64,132	64,132	Mod. 22	Complete
AF001.01	168,720	6,529	\$175,249	173,533	Mod. 28	Complete
AF005.00	56,583	2,435	\$59,018	51,105	Mod. 28	Cancelled
AF007.00	211,467	11,172	\$222,639	222,639	Mod. 28	Complete
DA001.00	37,835	1,523	\$39,358	39,358	Mod. 28	Complete
GMG001.01	407,960	16,022	\$423,982	423,982	Mod. 28	Complete
HB002.00	126,808	5,241	\$132,049	132,049	Mod. 28	Complete
HA003	344,907	17,616	\$362,523	362,523	Mod. 34	Complete
HA004	71,234	3,098	\$74,332	75,000	Mod. 36	Complete
GM003	303,302	12,518	\$315,820	300,000	N/A	Complete
HB002.01	21,853	1,046	\$22,899	22,899	N/A	Complete
AF010	1,295	78	\$1,373	1,373	Mod. 39	Cancelled
AF011	• 2,643	159	\$2,802	2,802	Mod. 39	Cancelled
AF012	199,302	8,757	\$208,059	180,000	Mod. 41	Complete
HB002.02	13,560	590	\$14,150	14,150	N/A	Complete
AF006	61,669	3,071	\$64,740	62,746	Mod. 26	Cancelled
AF009	187,847	8,049	\$195,896	182,681	Mod. 26	Complete
GMG001.02	744,314	31,467	\$775,781	762,018	Mod. 26	Complete
GMG002	28,507	1413	\$29,920	30,450	Mod. 26	Cancelled
HB002.03	11,412	312	\$11,724	58,902	N/A	Complete
GM003.01	TBD			200,000	N/A	Pending
HA003.01	167,018	8,973	\$175,991	174,559	N/A	Complete
HB002.04	27,052	1,125	28,177	28,177	N/A	Complete
HB003	16,463	672	17,135	19,001	N/A	Complete
GM004	33,105	1,843	\$34,948	35,000	N/A	Complete
GM005	23,603	1,386	\$24,989	25,000	N/A	Complete
GM005.01	104,612	5,277	109,889	110,000	N/A	Active
			·····		······	
Total	\$4.0C0.747	<u></u>	AL 050 510	A. 100		
Total	\$4,068,745	\$181,968	\$4,250,713	\$4,408,728		

DEFINITIZED JOB DESCRIPTION DOCUMENTS (JDD) INCLUSIVE OF FUNDING

. - -

)

.

1**6** 3

Page 3 of 6 NAS1-20650 Modification No. 89

JDD #	Description	Effective Date
	SOW 8.0: Applications Development and Enhancement	an a suisean
AF001	OSEMA Management Information System	2-06-96
AF001.01	OSEMA Management Information System	6-19-96
GMG001	IOG COTS Database	2-29-96
GMG001.01	IOG COTS Database	6-19-96
GMG001.02	IOG COTS Database	12-1-96
AF002	OSEMA Technology Assessment	3-14-96
AF003	OSEMA Budge Module Update	3-14-96
HA001	Integrated Financial Management Program	3-14-96
1001	HSR Management Information System PCD Mods	3-14-96
HA002	Credit Card Reconciliation System	4-02-96
AF004	NASA Automated Audit Mgmt. Sys. Enh. (OSEMA)	4-10-96
GI001	Facility Maintenance Augmentation Database	5-03-96
GM001	MIS System Plan for LaRC	5-03-96
HB001	EPRS Mods to Support FAB	5-03-96
DA001	Workforce Management System for Aero Division	6-17-96
AF005	Development of MIS Applications	6-19-96
AF007	OSEMA Computer Infrastructure Support	6-19-96
HB002	Management Information System for Lead Center Budgeting	6-28-96
HB002.01	Management Information System for Lead Center Budgeting	6-16-97
HB002.02	Management Information System for Lead Center Budgeting	8-13-97
HB002.03	Management Information System for Lead Center Budgeting	12-8-97
HB002.04	Management Information System for Lead Center Budgeting	6-8-98
GM002	Combined Federal Campaign Application	7-03-96
GMG002	LaRC's Data Warehousing and Implementation	12-01-96
AF006	SYBASE Conversion of OSEMA MIS Budget Module	12-01-96
AF009	Badge and Pass System	12-01-96
HA003	Bank Card Reconciliation System	1-29-97
HA003.01	Bank Card Reconciliation System	4-3-98
AF010	Facility Database	2-11-97
AF011	Badge and Pass System Application Expansion	2-11-97
AF012	Development of a Personnel Database Module	2-28-97
HA004	Current State Processing Analysis System	3-14-97
GM003	Center Information Management Architecture	5-29-97
GM003.01	Center Information Management Architecture	7-13-98
HB003	RTA/COP System Modifications	6-8-98

Exhibit G Assignment of Job Description Documents:

ì

e • •

--

1

,

.

	9.0, Special Studies	· · · · · · · · · · · · · · · · · · ·
GM004	Automated Management of ISB Servers—Phase 1	10-1-99
GM005	Spectrum System Design Architecture Study and Prototype	10-1-99
GM005.01	Spectrum System Design Architecture Development and Implementation of (1) Langley Loan System (LLS) and (2) Langley Grant Property System (LGPS)	5-5-00

.

ε.

Job Description Document for BAMIS Contract (NAS1-20650)

JDD# GM005.01

Title: Spectrum System Design Architecture Development and Implementation of (1) Langley Loan System (LLS) and (2) Langley Grant Property System (LGPS)

LaRC Point of Contact: Jeanette George, Information Systems Branch, MS 158, Phone 4-3258

Scope: This JDD provides for the development and implementation of:

Ì

- (1) a distributed architecture system to track incoming loans, outgoing loans, and loans provided under the Space Act Agreements.
- (2) a separate system using the same type architecture to track Grant Property.

The contractor will provide technical support, consulting, training, and the
coordination of the development and implementation of this effort.
Final acceptance testing will be conducted by the LPOC and OLM.

- System Summary: The current systems are ten-year old databases, developed with a PC database, that need to be updated to satisfy current needs and provide an environment for future development. They are primarily standalone systems which one or two individuals utilize. The systems cannot be expanded to meet the needs of OLM.
- General Requirements: Transform prototype Langley Loan System and the Langley Grant Property System into production versions using the prototype developed as a result of the Spectrum System Design Architecture Study methodology completed under JDD GM005 (Document Id: LLS-SDD dated 03/02/00)

Required Functionality:

Included in the Software Design Description (SDD) of the Langley Loan System dated 03/03/00. Also reference JDD# GM005.

Page 5 of 6 NAS1-20650 Modification No. 89 In addition:

•Prepare the Software Design Description (SDD) for the Langley Grant Property System using same prototype as the Langley Loan System. Must be reviewed by the Government for approval.

•Present a schedule of tasks for the development of these two systems. This schedule shall include at least but not limited to tasks, dates, schedules, milestones.

•Conduct necessary training that includes an overview presentation, the functionality of the two systems, sufficient time for questions and answers, and the capability for the customer to easily operate the systems with day-to-day live data.

•Conduct acceptance testing in cooperation with LPOC and OLM. Both systems must conform to the SDD. The Contractor shall be available to correct any problems identified during testing.

•Provide monthly status updates. These status updates shall include but not be limited to any problems encountered and the impacts of those problems; decisions made by the contractor not in the JDD or SDD; changes in any computer screens as they are being developed; demonstration of conformance of the systems to functional requirements; changes in schedule, including reason why; and effort expended during the past week.

Provide a copy of the testing checklist.

Metric:

•Delivery of the SDD that identifies OLM needs, provides the proposed schedule, allows efficient time for customer testing, and provides for the identification of costs for the software, DBMS, hardware, development, and training.

•Delivery of the User Guide Document and On-line help, which explains the purpose of the user guide and provides step-by-step easy-to-understand instructions using text and screen graphics.

•Delivery of training that meets requirements specified above.

•Performance of the system during acceptance testing and the demonstrated conformance of the system to the approved SDD. The timeliness of the Contractor's response to problem inquires and the resolution to problems shall also be evaluated.

Completion of all work within the accepted schedule and cost.

Milestones:

1

Both systems installed and available for production use

May 31, 2000

Page 6 of 6 NAS1-20650 Modification No. 89 1

ε.

٠. - - -