AMENDMENT OF SOLICITA	MODIFICATION	OF CONTRACT	L CONTRACT I	CODE PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 1	JUN 30 1989	4. REQUISITION/PUR	CHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY	(If other than Item	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225				
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State and 2	ZIP Code)	() 9A. AMEND	MENT OF SOLICITATION NO.
Research Triangle Ins Attn: Mr. Scott Merr P. O. Box 12194 Research Triangle Par	ell			(SEE (TEM 11)
Research triangle fai	k, NC 27703		x NAS1-	18925
CODE	FACILITY CODE		10B. DATEC	) (SEE ITEM 13) '89
And the second	MONLY APPLIES TO	AMENDMENTS OF S		
The above numbered solicitation is amended as tended. Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning	set forth in Item 14. The he prior to the hour and date s copies of the amendan ch includes a reference to the IATED FOR THE RECEIP f this amendment you desir the to the solicitation and the	our and date specified for specified in the solicitatio nent: (b) By acknowledg he solicitation and amend T OF OFFERS PRIOR T e to change an offer alrea his amendment, and is rec	receipt of Offers n_or as amended, by ing receipt of this ar ment numbers. FAI O THE HOUR AND dy submitted, such eived prior to the op	nendment on each copy of the offer LURE OF YOUR ACKNOWLEDG DATE SPECIFIED MAY RESULT change may be made by telegram or bening hour and date specified.
X A. THIS CHANGE ORDER IS ISSUED PURSU TRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/OF appropriation date, etc.) SET FORTH IN IT		······		
C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUAN	NT TO AUTHORITY OF		
E. IMPORTANT: Contractor is not, is no	TON (Organized by UCF se ication is to al of the the Section of the purposes of ctively. The per r 30, 1989. The deleted in their	lot additional n I clause enti f payment of co riod for which refore, H-2., <u>C</u>	solicitation/contract incremental tled <u>Limitat</u> st and fee a the total al ontract Fund	funding in the <u>tion of Funds</u> . The ire increased by lotted amount ling,
Except as provided herein, all terms and conditions o and effect.	(Cont'd)		etofore changed, re	mains unchanged and in full force
15A. NAME AND TITLE OF SIGNER (Type or prin	t)	Panice H.		NG OFFICER (Type or print)
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES	OF AMERICA	JUN 30 1989
(Signature of person authorized to sign)		BY JUNCO (Signature	of Contracting Offic	(er)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-			ANDARD FORM 30 (REV. 10-83) escribed by GSA

(Signature of person authorized to sign)	(Signature
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA Langlay Oversigt (DEC 1095)	30- 800 11 E C

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### "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$182,351. The above allotment covers the following period of performance: From the effective date of the contract through November 30, 1989."

B. An additional amount of \$10,649 is obligated under this contract for payment of fee."

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### CONTRACT TABULATION

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,8 <u>72,0</u> 00	182,000	\$ 55,000
Mod. No. 1	-0-	-0-	-0-	-0-	\$138,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$193,000

### ACCOUNTING AND APPROPRIATION DATA

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PR	9240.1184;	R11737;	\$6,000 (Partial)	
PR	9240.1185;	R13345;	\$15,000; R11737; \$19,000 (Partial)	
PR	9240.1212;	R13345;	\$28,000 (Partial)	
PR	9240.1213;	R13345;	\$21,000 (Partial)	
PR	9240.1214;	R13345;	\$47,000 (Partial)	
PR	9240.1215;	R12906;	\$1,000; R13345; \$1,000 (Complete)	

AMENDMENT OF SOLICITA` _N/MODIFICATION OF CONTRACT AMENDMENT/MODIFICATION NO. CODE CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. 0. Box 12194 Research Triangle Park, NC 27709 CODE The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for tended. Offers must acknowledge receipt of this amendment prior to the hour and date specified for tended. Offers must acknowledge receipt of this amendment prior to the hour and date specified for tended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation and amend multicates are freence to the solicitation and amend multicates and amend multicates are freence to the solicitation and amend ment, 10 By acknowledge upon the relation of the Amendment, 10 By acknowledge to fold By parate letter or telegram which includes a reference to the solicitation and amendment, prior to the solicitation and amendment. The ELECION OF YOUR OFFER. If by virue of this amendment you desire to change an offer alreat letter, provided aach telegram or letter makes reference to the solicitation and amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and this amendment, and is reference to the solicitation and	(/) (/) (/) (/) (/) (/) (/) (/)	9A. AMENDM 9B. DATED (2 10A. MODIFT NO. 10B. DATED 6/21/ TATIONS t of Offers amended, by- eight of this ame numbers. FAIL HOUR AND mitted, such cl prior to the ope	
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T MODIFIES THE CONTRACT/ORDER NO. AS DESCRIB	NTRA		
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SE		CTS/ORDER	RS,
TRACT ORDER NO. IN ITEM 10A.			4 ARE MADE IN THE CON-
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINIS appropriation date. etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FA	TRATI	VE CHANGES	5 (such as changes in paying offic
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF	:		
D. OTHER (Specify type of modification and authority)		<u></u>	
		<u> </u>	acknowlodging mocol
E. IMPORTANT: Contractor is not, is requested is segurity to sign this document and retur			acknowledging receins to the issuing office.
4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including			
I. The purpose of this modification is to allot additional amount of \$62,000 pursuant to the Section I clause entit total amounts allotted for the purposes of payment of co \$58,579 and \$3,421 respectively. The period for which t covers is through December 31, 1989. Therefore, H-2., O paragraphs A. and B. are deleted in their entirety and t is substituted in lieu thereof:	tled ost a the t Contr	<u>Limitation</u> nd fee an otal allo act Fund	on of Funds. The re increased by otted amount
(Cont'd)			
xcept as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as he nd effect.	retofore	e changed, rem	ains unchanged and in full force
SA. NAM : AND TITLE OF SIGNER (Type or print) [16A. NAME AND TITL	E OF C	ONTRACTIN	G OFFICER (Type or print)
J. Scott Merrell Contract Administrator Panice H.			
SB. CONTRACTOR/OFFEROR			16C. DATE SIGNE
A. scott Menel 8/8/89 By Janice	$v \sim c$	A. Clai	u lasa
(Signature of person authorized to sign) (Signature	of Con	tracting Office	8-3-59

PREVIOUS EDITION UNUSABLE NASA-Langley Overprint (DEC 1986)

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Prescribed by GSA FAR (48 CFR) 53.243

Page 2 of 2

# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$240,930. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1989."

B. An additional amount of \$14,070 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*\*\*

# CONTRACT TABULATION

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,8 <u>72,0</u> 00	182,000	\$ 55,000
Mod. No. 1 -	-0-	-0-	-0-	-0-	\$138,000
Mod. No. 2	-0-	-0-	-0-	-0-	62,000
Total	\$10,272,000	\$500,000	\$10,872,000	182,000	\$255,000

						1 1	1 0
2. AMENDMENT/MODIFICATION NO.	AUG 3 1 1989	4. REQUISITION/PURC	HAS	E REQ. NO.	5. PROJECT	NO. (If a)	pplic
National Aeronautics and Spac Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY	(11 0	iher thún Ítein i	CODE	L	
Research Triangle Ins Attn: Mr. Scott Merr P. O. Box 12194 Research Triangle Par	titute ell	P Code)	(/) X	98. DATED (S 104. MODIFIC NO. NAS1-	EE ITEM 11	) CONTRAC	
CODE	FACILITY CODE			6/21/			
11. THIS ITE	MONLY APPLIES TO A	MENDMENTS OF SC					
IT MODIFIES	RDER IS MODIFIED TO RE TEM 14, PURSUANT TO THE	R NO. AS DESCRIBI y) THE CHANGES SET FLECT THE ADMINIST FLECT THE ADMINIST AUTHORITY OF FAF	ED IN FOR	N ITEM 14.	ARE MADE		- <b>-</b>
C. THIS SUPPLEMENTAL AGREEMENT IS X Property (Cost-Reimburseme D. OTHER (Specify type of modification and			<u> </u>	lause 52. r Contrac	245-5, G ts) (JAN	overnm 1986)	ent
E. IMPORTANT: Contractor is not, 1 14. DESCRIPTION OF AMENDMENT/MODIFICA The purpose of this modifica <u>Government-Furnished Items</u> ( 18-52.245-73, <u>Financial Repo</u> <u>1989</u> ), and to <u>amend Exhibit</u> Contract Schedule is modifie I. Section H-17. is hereb	tion is to incorpo LaRC 52.245-92) ( <u>arting of Governmer</u> A, <u>Contract Distr</u> d as follows:	ion headings, including s prate into the JUN 1988), the it-Owned/Contra ibution Require	con Sec acto	ation/contract of tract Sec tion I Cl <u>r-Held Pr</u> ts. Acco	ubject matter tion H-1 ause operty (	r where fea .7 . , MAR	usi b la
Except as provided herein, all terms and conditions of and effect. 15A. NAME AND TITLE OF SIGNER (Type or prin	(CONTINUED ON AT of the document referenced in nt) Administrator	TACHED PAGES) Item 9A or 10A, as here 6A. NAME AND TITLE PANICE H. CL 6B. UNITED STATES C	OF C	e changed, rem; CONTRACTIN MERICA			rint)
(Signature of person authorized to sign)		r Janice	$\sim$	4. Clui		P-3	

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# "H-17. GOVERNMENT-FURNISHED ITEMS (LaRC 52.245-92) (JUN 1988)

For the performance of this contract, the Government will furnish to the Contractor those items specified in task assignments."

II. Section I is modified to incorporate the following clause:

"18-52.245-73 FINANCIAL REPORTING OF GOVERNMENT-OWNED/CONTRACTOR-HELD PROPERTY (MAR 1989)

(a) The Contractor shall prepare and submit annually a NASA Form 1018, Report of Government-Owned/Contractor-Held Property, in accordance with 18-45.505-14 and the instructions on the form and in Section 18-45.7101 of the NASA FAR Supplement, except that the reporting of space hardware shall be required only as directed in clause 18-52.245-78, Space Hardware Reporting, if applicable.
(b) If administration of this contract has been delegated to the Department of Defense, the original and three copies of NASA Form 1018 shall be submitted through the DOD Property Administrator to the NASA office identified below. If the contract is administered by NASA, the forms shall be submitted directly to the following NASA office:

NASA, Langley Research Center Attn: Industrial Property Office, M/S 377 Hampton, VA 23665-5225

(c) The annual reporting period shall be from July 1 of each year to June 30 of the following year.

(d) The Contractor agrees to insert the reporting requirement in all first-tier subcontracts, except that the requirement shall provide for the submission of the subcontractors' reports to the Contractor, not to the Government. The Contractor shall require the subcontractors' reports to be submitted in sufficient time to meet the reporting date in paragraph (c) above.
(e) The Contractor's report shall consist of a consolidation of the subcontractors' reports and the Contractor's own report."

III. Exhibit A, Contract Documentation Requirements, is revised as follows:

A. Paragraph I. J. is added as follows:

"J. <u>Report of Government-Owned/Contractor Held Property (NASA Form</u> <u>1018</u>)--The Contractor shall submit the NASA Form 1018 no later than July 31 of each year in accordance with the Section I clause entitled "Financial Reporting of Government-owned/Contractor-held Property."

B. Paragraph II. C. is revised to add the following:

Page 2 of 3 NAS1-18925 Modification No. 3

# DOCUMENT

LETTER	CODE	AND
DISTRI	BUTIC	)N

"Analysis of Government-Owned/Contractor-Held Property (NASA Form 1018)

H-4"

# CONTRACT TABULATION

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic Contract Mod. 1 Mod. 2 Mod. 3	\$10,272,000 -0- -0- <u>-0-</u> \$10,272,000	\$600,000 -0- 0- <u>-0-</u> \$600,000	\$10,872,000 -0- -0- <u>-0-</u> \$10,872,000	182,000 -0- -0- <u>-0-</u> 182,000	\$ 55,000 138,000 62,000 <u>-0-</u> \$255,000

Page 3 of 3 NAS1-18925 Modification No. 3

AMENDMENT OF SOLICITAT	. J/MO	DIFICATION (	OF CONTRACT		ONTRACT ID	CODE	PAGE OF PAGE
2. AMENDMENT/MODIFICATION NO.		FECTIVE DATE	4. REQUISITION/PURC	CHAS	F REQ. NO.	5. PROJECT	NO. (If applicable
Δ		P 0 5 1989					
6, ISSUED BY			See Below	(11 0)	ther than Item	6)	<u></u>
National Aeronautics and S		inistration	1	•		CODE	L
Langley Research Center Hampton, VA 23665-5225		ini scracion					
8. NAME AND ADDRESS OF CONTRACTOR	(No., street	, county, State and 2	CIP Code)	(4)	9A. AMENDA	ENT OF SOL	ICITATION NO.
Research Triangle		te					
Attn: Mr. Scott M P. O. Box 12194	erreil				98. DATED (	SEE ITEM 11)	
Research Triangle	Park, N	C 27709				CATION OF C	CONTRACT/ORDE
					NO.		
				X	NAS1-1		
				ŀ	108. DATED		0
		LITY CODE			6/21/8	9	· · · ·
			AMENDMENTS OF SO				
The above numbered solicitation is amend tended.	ed as set for	th in Item 14. The hi	our and date specified for	receip	ot of Offers L	is extende	d, Lis not e
Offers must acknowledge receipt of this amend	ment prior t	o the hour and date s	specified in the solicitatio	n or a	s amended, by	one of the foll	owing methods:
(a) By completing Items 8 and 15, and returnin							
submitted; or (c) By separate letter or telegrar MENT TO BE RECEIVED AT THE PLACE DE	ESIGNATED	FOR THE RECEIP	T OF OFFERS PRIOR TO	O THE	E HOUR AND	DATE SPECIF	FIED MAY RESUL
IN REJECTION OF YOUR OFFER, If by vir letter, provided each telegram or letter makes re							
12. ACCOUNTING AND APPROPRIATION D							
PR 9240.1221; R12906; \$53	,000 (Co	omplete); PR	9240.1251; R129	906;	\$5,835	(Complete	· )
13. THIS ITEN	APPLIES	ONLY TO MOD	FICATIONS OF CON	ITRA	CTS/ORDEF	S,	
			ER NO. AS DESCRIB				
(V) A. THIS CHANGE ORDER IS ISSUED P TRACT ORDER NO. IN ITEM 10A.	URSUANT '	Co: (Specify author	ity) THE CHANGES SET	FOR	TH IN ITEM 1	4 ARE MADE	, IN THE CON-
B. THE ABOVE NUMBERED CONTRAC	T/ORDER	S MODIFIED TO R	EFLECT THE ADMINIS	TRAT		5 (such as cha	nges in paying offic
X appropriation date, etc.) SET FORTH	IN ITEM 14	PURSUANT TO TH	HE AUTHORITY OF FAI	R 43.1	103(b).		
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTER	ED INTO PURSUAN	NT TO AUTHORITY OF:	:			
D. OTHER (Specify type of modification	and authori	ty J	·····				
	נ ניבי	equested			1 copy a	cknowledg	ging receipt
E. IMPORTANT: Contractor L is not	; Lis⊉	equinent to sign thi	is document and return	n		to the issui	
14. DESCRIPTION OF AMENDMENT/MODIF							
I. The purpose of this mod amount of \$58,835 pursu	iiricati iant to	the Section	ot additional i	Incr	emental t Limitatio	unaing i n of Eur	n the ds. The
total amounts allotted	for the	nurposes of	navment of cos	t a	nd fee ar	e increa	sed by
\$55,589 and \$3,246,resp							
covers is through March							
paragraphs A. and B. ar	e delet	ed in their					
is substituted in lieu	thereof						
		(Cont'd)					
		(00.00 - /					
Except as provided herein, all terms and conditi and effect.	ions of the d	ocument referenced	in Item 9A or 10A, as her	retofo	re changed, ren	nains unchange	and in full force
15A. NAME AND TITLE OF SIGNER Type o	r print)		16A. NAME AND TITL	EOF	CONTRACTIN	GOFFICER	(Type or print)
J. Scott Merrell			Denter II A	· 1 -	1.		
Contract Administrator		LISC DATE CONCE	Panice H. C				16C. DATE SIGN
158. CONTRACTOR/OFFEROR	00	LIL DATE SIGNED	168. UNITED STATES	UF A1			THE DATE SIGNE
(Signature of person authorized to si	er (	19 Apt 89	BY Junie (Signature	01 Co	ntracting Office	ر (r)	9-5-89
	- ·	1	1			· · · · · · · · · · · · · · · · · · ·	
NEN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	_	30-	105		Pre	scribed by GS	
NASA-Langley Overprint (DEC	1986)				FA	R (48 CFR) 5	3.243

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# Page 2 of 2

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# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$296,519. The above allotment covers the following period of performance: From the effective date of the contract through March 7, 1990."

B. An additional amount of \$17,316 is obligated under this contract for payment of fee."

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,8 <u>72,0</u> 00	182,000	\$ 55,000
Mod. No. 1	-0-	-0-	-0-	-0-	\$138,000
Mod. No. 2	-0-	-0-	-0-	-0-	62,000
Mod. No. 3	-0-	-0-	-0-	-0-	-0-
Mod. No. 4	-0-	-0-	-0-	-0-	58,835
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$313,835

### CONTRACT TABULATION

			T. INTRACT ID	:00E	PAGE OF PA
AMENDMENT OF SOLICITA	ATION/MODIFICATION	OF CONTRACT			1 1
2. AMENDMENT/MODIFICATION NO.	SFP 27 1989	4. REQUISITION/PURC	HASE REQ. NO.	5. PROJEC	NO. (If applica
6. ISSUED BY		7. ADMINISTERED BY	(If other than I tem t	CODE	
National Aeronautics and Langley Research Center Hampton, VA 23665-5225	Space Administration				
. NAME AND ADDRESS OF CONTRACT	OR (No., street, county, State and	ZIP Code)	() 94. AMENDM	ENT OF SO	LICITATION NO
Research Triangle Attn: Mr. Scott					
P. 0. Box 12194	Merren		98. DATED (S	ee item II	)
Research Triangle	e Park, NC 27709			ATION OF	CONTRACT/OF
			NO.		
			X NAS1-1		21
CODE	FACILITY CODE		6/21/8		3/
	IS ITEM ONLY APPLIES TO	AMENDMENTS OF SO			
The above numbered solicitation is ame				] is extende	ed is no
tended.	n na an an an tha				
(a) By completing Items 8 and 15, and return submitted; or (c) By separate letter or teleg MENT TO BE RECEIVED AT THE PLACE IN REJECTION OF YOUR OFFER. If by letter, provided each telegram or letter make	gram which includes a reference to DESIGNATED FOR THE RECEIF virtue of this amendment you desi	the solicitation and amend PT OF OFFERS PRIOR TO ire to change an offer alrea	ment numbers, FAIL O THE HOUR AND [ dy submitted, such ch	URE OF YO DATE SPECI lange may be	UR ACKNOWL FIED MAY RES made by telegra
12. ACCOUNTING AND APPROPRIATION	DATA (If required)		·		
See Page 2		- <u></u>			
	EM APPLIES ONLY TO MOD IFIES THE CONTRACT/ORD			S,	
(V) A. THIS CHANGE ORDER IS ISSUED TRACT ORDER NO. IN ITEM 104	PURSUANT TO: (Specify autho			ARE MAD	E IN THE CON-
X B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORT	ACT/ORDER IS MODIFIED TO F	REFLECT THE ADMINIS	TRATIVE CHANGES R 43.103(b).	(such as cho	nges in paying o
C. THIS SUPPLEMENTAL AGREEME	INT IS ENTERED INTO PURSUA	NT TO AUTHORITY OF	:		
D. OTHER (Specify type of modificati	on and authority)				
E. IMPORTANT: Contractor is n		nis document and return			ging receing office.
14. DESCRIPTION OF AMENDMENT/MOD I. The purpose of this m amount of \$341,400 pu total amounts allotte \$322,562 and \$18,838, covers is through Oct paragraphs A. and B. is substituted in lied	odification is to all rsuant to the Section d for the purposes of respectively. The p ober 31, 1990. There are deleted in their	lot additional i n I clause entit f payment of cos period for which efore, H-2., Con	incremental fi led <u>Limitation</u> t and fee are the total a itract Funding	unding i on of Fu e increa llotted	in the <u>inds</u> . The ised by
	(Cont'd)	)			
Except as provided herein, all terms and con- and effect.	ditions of the document referenced	in Item 9A or 10A, as her	retofore changed, rem	ains unchang	ed and in full fo
J. Scott Merrell	•	Panice H. C		G OFFICER	(Type or print)
Contract Administrator		DIGB. UNITED STATES			16C. DATE SIG
1 South Marine			Sr. Clar	W	
(Signature of person authorized to	o sign) Oct. 3, 198	1 (Signature	of Contracting Office	r)	9-27-5
NSN 7540-01-152-8070	3(	D-105	ST	ANDARD FO	ORM 30 (REV. )

NASA-Langley Overprint (DEC 1986)

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Prescribed by GSA FAR (48 CFR) 53.243

### Page 2 of 2

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$619,081. The above allotment covers the following period of performance: From the effective date of the contract through October 31, 1990."

B. An additional amount of \$36,154 is obligated under this contract for payment of fee."

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,8 <u>72,0</u> 00	182,000	\$ 55,000
Mod. No. 1	-0-	-0-	-0-	-0-	\$138,000
Mod. No. 2	-0-	-0-	-0-	-0-	62,000
Mod. No. 3	-0-	-0-	-0-	-0-	-0-
Mod. No. 4	-0-	-0-	-0-	-0-	58,835
Mod. No. 5	-0-	-0-	-0-	-0-	341,400
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$655,235

# CONTRACT TABULATION

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ACCOUNTING AND APPROPRIATION DATA

PR	3400.0325;	R13191;	\$	90,000	(Complete)
PR	9250.0079;	R13022;	\$	25,000	(Complete)
PR	9240.1248;	R13428;	\$	47,375	
		R11732;	\$	25	(Complete)
PR	9240.1270;	R12906;	\$	58,000	(Complete)
PR	9240.1271;	R12906;	\$1	107,000	(Complete)
PR	9240.1280;	R13345;	\$	14,000	(Complete)
	1	[ota]	\$3	341,400	

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AMENDMENT OF SOLICITATION	MODIFICATION (	OF CONTRACT	CONTRA	ET ID CODE	PAGE OF PAGE
2. AMENDMENT MODIFICATION NO.	FC131989	4. REQUISITION/PURC		NO. S. PRO.	ECT NO. (If applicable
6. ISSUED BY		7. ADMINISTERED BY	(If uther thu	n Itern 6) CC	
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administration	- - -			
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State and Z	(IP Code)	() 9A. AN	MENDMENT OF	SOLICITATION NO.
Research Triangle Inst Attn: Mr. Scott Merre P. O. Box 12194 Research Triangle Park	11		10A. N	NTED (SEE ITEN ODIFICATION AS1-18925	OF CONTRACT/ORDE
2005				ated <i>(see ite</i> / 21/89	M 13)
	ACILITY CODE	MENDMENTS OF SC			
	copies of the amendment response of the amendment CED FOR THE RECEIP this amendment you desire to the solicitation and the frequired) LIES ONLY TO MODI HE CONTRACT/ORD	nent: (b) By acknowledgi ne solicitation and amend T OF OFFERS PRIOR T( e to change an offer alread lis amendment, and is reco FICATIONS OF CON ER NO. AS DESCRIBI	ng receipt of ment number D THE HOUF dy submitted sived prior to TRACTS/C ED IN ITEM	this amendment s. FAILURE OF AND DATE SP such change ma the opening hou RDERS, 114.	on each copy of the off YOUR ACKNOWLED ECIFIED MAY RESUL y be made by telegram r and date specified.
X B. THE ABOVE NUMBERED CONTRACT/OR( appropriation date, etc.) SET FORTH IN ITE C. THIS SUPPLEMENTAL AGREEMENT IS EN D. OTHER (Specify type of modification and au	M 14, PURSUANT TO TH	E AUTHORITY OF FAR	RATIVE CH	ANGES (such al	changes in paying offic
D. OTHER (Specify type of modification and au					
E. IMPORTANT: Contractor	requested	s document and return			edging receip
IA DESCRIPTION OF AMENDMENT/MODIFICATION I. The purpose of this modific amount of \$219,000 pursuant total amounts allotted for \$206,915 and \$12,085 respect covers is through October 3 paragraphs A. and B. are des is substituted in lieu ther	ON (Presided by UCF ec ation is to all to the Section the purposes of tively. The pe B1, 1990. There eleted in their	ction headings, including ot additional i I clause entit payment of cos riod for which fore, H-2., Con	ncrement led Lim t and fo the tot tract Fo	ntract subject n tal fundin itation of ee are inc al allotte unding,	atter where feasible.) g in the Funds. The reased by
	(Cont'd)				
Except as provided herein, all terms and conditions of and effect. 15A. NAME AND TITLE OF SIGNER (Type or print) J. Scott Merrel]		in Item 9A or 10A, as her 16A, NAME AND TITLE Panice H. C	OF CONTR		
Contract Administrator	ISC DATE SCALED	168. UNITED STATES		a	16C DATE SIGNE
(Signature of person authorized to sign)	18 Dec 1989	BY Jane	of Contractin	lare	- 12-13-89
NSN 7540-01-152-8070 29571005 501710N UNUSABLE	30-	105		STANDARI Prescribed b	<b>) FORM 30 (REV.</b> 10-8 y GSA

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### Page 2 of 2

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$825,996. The above allotment covers the following period of performance: From the effective date of the contract through October 31, 1990."

B. An additional amount of \$48,239 is obligated under this contract for payment of fee."

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,8 <u>72,0</u> 00	182,000	\$ 55,000
ModNo. 1	-0-	-0-	-0-	-0-	\$138,000
Mod. No. 2	-0-	-0-	-0-	-0-	62,000
Mod. No. 3	0-	-0-	-0-	04	-0-
Mod. No. 4	-0-	-0-	-0-	-0-	58,835
Mod. No. 5	-0-	-0-	-0-	-0-	341,400
Mod. No. 6	-0-	-0-	-0-	-0-	219,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$874,235

### CONTRACT TABULATION

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# ACCOUNTING AND APPROPRIATION DATA

PR	9240.1213;	R13607;	\$	22,000	(Partial)
PR	9240.1184;	R11737;	\$	27,000	(Partial)
PR	9240.1185;	R11737;	\$	93,000	(Partial)
PR	9240.1214;	R13607;	\$	51,000	(Partial)
PR	9240.1212;	R13607;	\$	26,000	(Partial)
	· -	Total	\$2	219,000	

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			CT ID CODE	PAGE OF PAGE
AMENDMENT OF SOLICITATION/MODIFICATION O				1 2
DEC 19 1989	4. REQUISITION/PUR 9240.1314;			JECT NO. (If applicable
. ISSUED BY CODE	7. ADMINISTERED BY	(If other that	n Itein 6)	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225				
NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zi	P Code)	(/) 9A. AN	IENDMENT OF	SOLICITATION NO.
Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709		98. DA 10A. M N X N	o. AS1-18925	OF CONTRACT/ORDE
CODE FACILITY CODE			ated <i>(see ite</i> / 21/89	CM 13)
11. THIS ITEM ONLY APPLIES TO A	MENDMENTS OF S		ONS	
etter. provided each talegram or letter makes reference to the solicitation and this         2. ACCOUNTING AND APPROPRIATION OATA (If required)         PR 9240.1314; R11737; \$35,600 (Complete); PR         13. THIS ITEM APPLIES ONLY TO MODIFIT MODIFIES THE CONTRACT/ORDE         V)       A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authorit)         X       B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REI         A. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT         C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT         D. OTHER (Specify type of modification and authority)	3400.0348; R13 FICATIONS OF CON R NO. AS DESCRIB J, THE CHANGES SET FLECT THE ADMINIS E AUTHORITY OF FA	3191; \$14 ITRACTS/O ED IN ITEM FORTH IN T TRATIVE CH. R 43.103(b).	6,000 (Co RDERS, 14. TEM 14 ARE M	ADE IN THE CON-
			ODV JOKO	
. IMPORTANT: Contractor is not, is requested is requested	document and return	_	• •	wledging recei issuing office.
4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF set I. The purpose of this modification is to all amount of \$181,600 pursuant to the Section total amounts allotted for the purposes of \$171,580 and \$10,020 respectively. The per covers is through December 31, 1990. There paragraphs A. and B. are deleted in their is substituted in lieu thereof:	I clause enti payment of co riod for which efore, H-2., C	tled Lim st and fo the tota ontract 1	itation of ee are ind al allotte Funding,	Funds. The Treased by
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xcept as provided herein, all terms and conditions of the document referenced in id effect.	Item 9A or 10A, as her	etofore change	id, remains uncl	nanged and in full force
J. Scott Merrell Contract Administrator	Panice H.		ACTING OFFIC	ER (Type or print)
SECONTRACTOR/OFFEROR	68. UNITED STATES	OF AMERICA	low	- 19-19-89
VSN 7540-01-152-8070 30-10				FORM 30 (REV. 10-83

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# Page 2 of 2

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$997,576. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1990."

B. An additional amount of \$58,259 is obligated under this contract for payment of fee."

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Basic Contract Mod. No. 1 Mod. No. 2 Mod. No. 3 Mod. No. 4 Mod. No. 5	Est. Cost \$10,272,000 -0- -0- -0- -0- -0- -0-	Fixed Fee \$600,000 -0- -0- -0- -0- -0-	CPFF \$10,872,000 -0- -0- -0- -0- -0- -0-	Hours 182,000 -0- -0- -0- -0- -0-	Funding 55,000 \$138,000 62,000 -0- 58,835 341,400
Mod. No. 5	-0-	-0-	-0-	-0-	341,400
Mod. No. 6	-0-	-0-	-0-	-0-	219,000
Mod. No. 7	-0-	-0-	-0-	-0-	<u>181,600</u>
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,055,835

### CONTRACT TABULATION

AMENDMENT OF SOLICI.	ON/MC	DDIF	ICATION	101	FCONTRAC	1.0	ONTRACT ID		PAGE OF PAG
2. AMENDMENT, MODIFICATION NO. 8	ĴÅ	N 1	7 199	0	. REQUISITION/PURC 9240.1366				T NO. (II applicabl
					ADMINISTERED BY	(11 0	ther than Item	6) CODE	
National Aeronautics and Spa Langley Research Center Hampton, VA 23665-5225	ace Ad	mini	stratic	n					
B. NAME AND ADDRESS OF CONTRACTOR (	No., stree	t, coun	ty, State an	d ZIP	Code)	(4)	9A. AMENDA	ENT OF SOL	LICITATION NO.
Research Triangle I	nstit	ute					1		
Attn: Mr. Scott Me P. O. Box 12194							98. DATED (S	SEE ITEM 11	)
Research Triangle P	ark,	NC 2	27709				10A. MODIFI	CATION OF	CONTRACT/ORD
						x	NAS1-	18925	
ODE	1540					·	108. DATED	-	3)
		LITY O			MENDMENTS OF SC				<b>.</b>
The above numbered solicitation is amended						_		] is extende	d is not e
IT MODIFIE () A. THIS CHANGE ORDER IS ISSUED PUP TRACT ORDER NO. IN ITEM 10A. () B. THE ABOVE NUMBERED CONTRACT, appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT I	APPLIES STHE ( RSUANT ORDER ITEM 14	S ONL CONTR TO: (S	Y TO MO RACT/OR pecify auth	DEF ority REF THE	LECT THE ADMINIST AUTHORITY OF FAR	FOR FOR	N ITEM 14.	ARE MADE	<u></u>
D. OTHER (Specify type of modification an	d authori	ty)							
. IMPORTANT: Contractor is not,	is i	eque:	sted d to sign	his c	ocument and return		XXXXX	to the issui	
I. The purpose of this modi amount of \$132,000 pursu total amounts allotted f \$124,717 and \$7,283 resp covers is through Januar paragraphs A. and B. are is substituted in lieu t	fication ant to or the ective y 31, delet	ion i o the e pur ely. 1991 ced i	s to a Section poses of The po The po	llot on : of p eric refo	t additional i I clause entit payment of cos od for which t pre. H-2 Con	ncr led t a he tra	emental f <u>Limitati</u> nd fee ar total all ct Fundin	unding i on of Fu e increa otted am	n the inds. The sed by
			(Cont'o	1)					
xcept as provided herein, all terms and condition ad effect.		ocumer	nt reference	dinl	tem 9A or 10A, as here	itofor	e changed, rem	ains unchange	id and in full force
J. Scott Merrell	rint)			16	A. NAME AND TITLE			G OFFICER (	Type or print)
Contract Administrator		150.0	ATE SIGNE		Panice H. C B. UNHTED, STATES C				16C. DATE SIGNE
(Signature of person authorized to sign)	0	24	Jen 9	Ову В 16	, Famile	) V	A. Clar Itracting Office	<u>v</u>	1-17-90
sn 7540-01-152-8070 REVIOUS EDITION UNUSABLE ASA-Langley Overprint (DEC 1)	0.96.)	<u></u>	3	0-105	5		Pres	NDARD FOI	

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# Page 2 of 2

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,122,293. The above allotment covers the following period of performance: From the effective date of the contract through January 31, 1991."

B. An additional amount of \$65,542 is obligated under this contract for payment of fee."

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,8 <u>72,0</u> 00	182,000	\$ 55,000
Mod. No. 1	-0-	-0-	-0-	-0-	\$138,000
Mod. No. 2	-0-	-0-	-0-	-0-	62,000
Mod. No. 3	-0-	-0-	-0 <b>-</b>	-0-	-0-
Mod. No. 4	-0-	-0-	-0-	-0-	58,835
Mod. No. 5	-0-	-0-	-0-	-0-	341,400
Mod. No. 6	-0-	-0-	-0-	-0-	219,000
Mod. No. 7	-0-	-0-	-0-	-0-	181,600
Mod. No. 8	-0-	-0-	-0-	-0-	132,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,187,835

# CONTRACT TABULATION

AMENDMENT OF SOLICITION/MODIFICATION OF CONTRACT       1       1       2       1       1       2       1						ie		• .
JAN 24 1990     S240.1348     S240.134     S240.1348     S240.134     S		ION/MODIFICATION	OF CONTRAC'	1. C	ONTRACT ID	CODE	PAGE OF P	AGE
		10124 9990	4. REQUISITION/PURC	HAS	E REQ. NO.	5. PROJEC	T NO. (If applied	2 201e)
National Aeronautics and Space Administration          AudMinistrates V(I) (AAP man Ham Van 2000)          National Aeronautics and Space Administration          Cooe          Hampton, VA 23665-5225           Search Center          AnAME AND ADDRESS OF CONTRACTOR (No. Intert, county, State and ZIP Code)           (y)          Research Triangle Institute           Attn: Mr. Scott Merrell          P.O. Box 12194           Search Triangle Park, NC 27709          CODE          FACILITY CODE           Search Triangle Trem III          The above numbered solicitation is amendment prior to the hour and date specified for readprot of the III is attended           Is attended          CODE          FACILITY CODE           Search Triangle Trem III          Men The above numbered solicitation is amendment prior to the hour and date specified for readprot of the III           Is attended          CODE          FACILITY CODE           Facility Voud OFFER          Men To BE RECE		0111 ~ 1000						
Research Triangle Institute         Attn: Mr. Scott Merrell         P.O. Box 12194         Research Triangle Park, NC 27709         Scott Construction of Contract/oncomparity         CODE         Interview         Interview         Interview         Accounting them set of the second second second set of the second seco	National Aeronautics and S Langley Research Center			[17 01	ner man Hem 6	° CODE	L	
Attn: Mr. Scott Merrell P.O. Box 12194 Research Triangle Park, NC 27709	8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and 2	ZIP Code)	(#)	9A. AMENOM	ENT OF SOI		5.
Attn: Mr. Scott Merrell P.O. Box 12194 Research Triangle Park, NC 27709								
P.O. Box 12194 Research Triangle Park, NC 27709  IDA. MODIFICATION OF CONTRACT/ORD X NAS1-18925  IDB. DATEO (REE ITEM 13)  CODE  FACILITY CODE  FACILITY CODE  AX NAS1-18925  IDB. DATEO (REE ITEM 13)  CODE  FACILITY CODE  AX NAS1-18925  IDB. DATEO (REE ITEM 13)  CODE  ITEM ADOUT APPLIES TO AMENDMENTS OF SOLICITATIONS  ITEM ADOUT APPLIES TO AMENDMENTS OF SOLICITATIONS  ITEM ADOUT A DATE (REE ITEM 13)  CODE  ITEM ADOUT APPLIES TO AMENDMENTS OF SOLICITATIONS  ITEM ADOUT A DATE (REE ITEM 13)  CODE  ITEM ADOUT A DATE (REE ITEM 14)  ITEM APPLIES TO AMENDMENT SOLICITATIONS  IS NOTHING AND APPROPRIATION DATA (REE ITEM 14)  PR 9240.1348; R11737; S6.000; R13607; S6.000; R13616; S6.000 (Complete)  IS. THIS ITEM APPLIES ONLY TO MODIFICATION OF CONTRACTS/ORDERS,  ITM MODIFIES THE CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in proving of  supprised with (RE) SECONTRACT/ORDER IS M	Research Triangle I	nstitute						
Research Triangle Park, NC 27709       Iba. MODIF CATION OF CONTRACT/ORC         NAS1-18925       NAS1-18925         CODE       FACILITY CODE         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS       6/21/89         Image: Contract of the amendment prior to the hour and date specified for receipt of Offers       is extended.         Image: Contract of the amendment prior to the hour and date specified for receipt of Offers       is extended.         Image: Contract of the amendment prior to the hour and date specified in the solicitation or as amended. by one of the following methods:         Image: Contract of the amendment prior to the hour and date specified in the solicitation or as amended. by one of the following methods:         Image: Contract of the amendment prior to the hour and date specified in the solicitation or as amended. by one of the following methods:         Image: Contract of the amendment prior to the solicitation and amendment on the solicitation or as amended. by one of the following methods:         Image: Contract of the amendment prior to the solicitation and amendment and is received prior to the opening hour and date specified.         Image: Contract of the amendment prior to the solicitation and amendment and is received prior to the opening hour and date specified.         Image: Contract of the amendment prior to the solicitation and the solicitation of the amendment and is received prior to the opening hour and date specified.         Image: Contract of the amendment prior to the solicitation and amendment and the solicitation and amendment and the		rrell		[	98. DATED (S.	EE ITEM 11	)	
No. NAS1-18925  No. NAS1-18925  No. NAS1-18925  No. NAS1-18925  No. NAS1-18925  NAS1-18925 NAS1 NAS1-18925 NAS1								
CODE         FACILITY CODE         106. DATEO (BEE ITEM 13)           6/21/89         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         6/21/89           Image: tended         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         15.21/89           Image: tended         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         15.21/89           Image: tended         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         15.21/89           Image: tended         12.21/2014         12.21/2014         15.21/2014           Offers must acknowledge receipt of this amendment provide a reference to the solicitation or as amended. by one of the following methods:         13.21/2014         12.21/2014           Image: tended         12.21/2014         12.21/2014         2.21/2014         2.21/2014           Image: tended         12.21/2014         12.21/2014         2.21/2014         2.21/2014           Image: tended         12.21/2014         2.21/2014         2.21/2014         2.21/2014	Research Triangle P	ark, NC 27709			10A. MODIFIC	ATION OF	CONTRACT/OF	IDE
CODE         FACILITY CODE         106. DATEO (BEE ITEM 13)           6/21/89         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         6/21/89           Image: tended         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         15.21/89           Image: tended         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         15.21/89           Image: tended         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         15.21/89           Image: tended         12.21/2014         12.21/2014         15.21/2014           Offers must acknowledge receipt of this amendment provide a reference to the solicitation or as amended. by one of the following methods:         13.21/2014         12.21/2014           Image: tended         12.21/2014         12.21/2014         2.21/2014         2.21/2014           Image: tended         12.21/2014         12.21/2014         2.21/2014         2.21/2014           Image: tended         12.21/2014         2.21/2014         2.21/2014         2.21/2014					NAS	51-1892	25	
CODE       [FACILITY CODE       6/21/89         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         In the above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is is extended, is not tended.       is extended.       is not         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:       is in ot         Is By comparize latter or telegram which includes a reference to the solicitation and amendment numbers. FallURE OF VOUR ACKNOWLEG       Item of the same date specified in the solicitation and amendment numbers. FallURE OF VOUR ACKNOWLEG         IN RELECTION OF YOUR OFFER, If by virtue of this amendment vold serve to change an offer already submitted, such change may be made by telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.         IZ ACCOUNTING AND APPORTIATION DATA [// required]       PR       9240.1348; R11737; \$6,000; R13607; \$6,000; R13616; \$6,000 (Complete)         13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTAACTS/ORDERS.       Item of the Inter of Item of the and the same of the advisor of the								
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 terms 8 and 15, and returningcopies of the amendment. (b) By acknowledging receipt of this amendment on each copy of the o submitted: or (c) By speciate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLED MENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESS.         IN FELECTION 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>III required</i> )         PR 9240.1348; R11737; S6,000; R13607; S6,000; R13616; S6,000 (Complete)         13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, II MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.         YI       A. THIS CHANGE ORDER NO. IN ITEM 19A.         YI       A. THIS CHANGE ORDER NO. IN ITEM 19A.         YI       A. THIS CHANGE ORDER NO. IN ITEM 144, PURSUANT TO THE ALTHORITY OF FRA 43.103(b).         C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:         0. OTHER (Specify type of modification and authority)         C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	CODE						3)	
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. The above numbered solicitation is amendment prior to the hour and date specified in the solicitation or as amended. By one of the following methods: The above numbered solicitation and extransing	11 THIS					1/89		
Bit PROPERATION OF AMENOMENT/MODIFICATION OF SIR SUPPLY States of the sign this document and returning						<b></b>		
<ul> <li>E. IMPORTANT: Contractor is not, is interfectively to sign this document and return <u>1</u> goodes to the issuing office.</li> <li>14. DESCRIPTION OF AMENOMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</li> <li>I. The purpose of this modification is to allot additional incremental funding in the amount of \$18,000 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$17,007 and \$993, respectively. The period for which the total allotted amount covers remains January 31, 1991. Therefore, H-2., <u>Contract Funding</u>, paragraph A. and B. are deleted in their entirety and the following is substitute</li> </ul>	13. THIS ITEN IT MODIF (V) A. THIS CHANGE ORDER IS ISSUED PI TRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEMENT	A APPLIES ONLY TO MODI IES THE CONTRACT/ORDE JRSUANT TO: (Specify authori T/ORDER IS MODIFIED TO RE N ITEM 14, PURSUANT TO TH TS ENTERED INTO PURSUAN	FICATIONS OF CONT ER NO. AS DESCRIBE (y) THE CHANGES SET F FLECT THE ADMINISTR FLECT THE ADMINISTR FAUTHORITY OF FAR	RA( DIN	CTS/ORDERS	S, ARE MADE	IN THE CON-	ffice
<ul> <li>E. IMPORTANT: Contractor is not, X is XXXXXXX to sign this document and return <u>1</u> KODIES to the issuing office.</li> <li>14. DESCRIPTION OF AMENOMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</li> <li>I. The purpose of this modification is to allot additional incremental funding in the amount of \$18,000 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$17,007 and \$993, respectively. The period for which the total allotted amount covers remains January 31, 1991. Therefore, H-2., Contract Funding, paragraph A. and B. are deleted in their entirety and the following is substitute</li> </ul>		requested			CODV ackn	owledgi	na receip	
I. The purpose of this modification is to allot additional incremental funding in the amount of \$18,000 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$17,007 and \$993, respectively. The period for which the total allotted amount covers remains January 31, 1991. Therefore, H-2., <u>Contract Funding</u> , paragraph A. and B. are deleted in their entirety and the following is substitute		is X is X ROLATER to sign this	s document and return	_1	RODIOS	to the issui	ng office.	
	I. The purpose of the funding in the amo entitled "Limitat: purposes of paymen respectively. The remains January 33 A. and B. are dele	is modification ount of \$18,000 p ion of Funds". Int of cost and for period for which 1, 1991. Therefor	is to allot ac pursuant to the The total amore are increas th the total ac pre, H-2., Con	ddi he unt sec all ntr	itional Section s allot by \$17 lotted a act Fun	increm I cla ted fo: ,007 a: mount ding.	ental use r the nd \$993, covers paragrap	hs
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 forci	ind enfact.		n Item 9A or 10A, as heret	ofore	changed, rema	ins unchange	id and in full for	'C#
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		print)	16A. NAME AND TITLE	OFC	ONTRACTING	OFFICER (	Type or print)	
J. Scott Merrell Contract Administrator Panice H. Clark	•		Danica 1	ur i	Clami			

158	L. Scott Menel		A Da Claure	16C. DATE SIGNED
	(Signature of person authorized to sign)	- s: Jan 1910	(Signature of Contracting Officer)	1-24-90
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PRÉVIOUS EDITION UNUSABLE NASA-Langley Overprint (DEC 1986)

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### Page 2 of 2

# "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,139,300. The above allotment covers the following period of performance: From the effective date of the contract through January 31, 1991."
  - B. An additional amount of \$66,535 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,205,835

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AMENDMENT OF SOLICIT.	ON/MODIFICATION	OF CONTRACT	1. C	ONTRACT ID	CODE	PAGE 0	OF PAGES
2. AMENDMENT/MODIFICATION NO.	FEFECTIVE PALE	4. REQUISITION/PURC	HAS	E REQ. NO.	5. PROJEC	T NO. (If a	Pplicable 1
10	FEB 6 1990	9240.1401; 9240	0.14	103			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6. ISSUED BY	CODE	7. ADMINISTERED BY			5)	. T	
National Aeronautics and Langley Research Center Hampton, VA 23665-5225					CODE	L	
8. NAME AND ADDRESS OF CONTRACTO	R (No. street county State and	ZIP Code	1.0		ENT OF SO		
	in five, succes, county, state and a		(4)	9A. AMENDM	ENT OF SO		NO. NO.
Research Triangle Attn: Mr. Scott M P.O. Box 12194	ferrell			98. DATED (S	EE ITEM 11	)	
Research Triangle	Park, NC 27709			10A. MODIFIC	CATION OF	CONTRAC	T/ORDER
			ł		S1-189	25	
			X				
			•	108. DATED		3)	
CODE	FACILITY CODE				21/89		
11. TH	SITEM ONLY APPLIES TO	AMENDMENTS OF SC	DLIC	ITATIONS			······
L The above numbered solicitation is amen tended. Offers must acknowledge receipt of this amer (a) By completing items 8 and 15, and return submitted; or (c) By separate letter or telegi MENT TO BE RECEIVED AT THE PLACE I IN REJECTION OF YOUR OFFER. If by v	idment prior to the hour and date s ing copies of the amendn am which includes a reference to th DESIGNATED FOR THE RECEIP virtue of this amendment you desir	specified in the solicitation nent: (b) By acknowledgin he solicitation and amendin TOF OFFERS PRIOR TO e to change an offer alread	n or a ng rec ment D THE iy sut	s amended, by c eipt of this ame numbers, FAIL HOUR AND [ bmitted, such ch	Indmention e URE OF YO DATE SPECI	llowing me ach copy o UR ACKN FIED MAN made by t	of the offer OWLEDG- ARESULT relegram or
letter, provided each telegram or letter makes							
12. ACCOUNTING AND APPROPRIATION R13616; \$12,600 (Complet	DATA (If required) PR 9240.: e)	1401; R13607; \$2	20,0	00 (Compl	ete); 9	240.14	03;
	EM APPLIES ONLY TO MODE FIES THE CONTRACT/ORD				S,		
(V) A. THIS CHANGE ORDER IS ISSUED TRACT ORDER NO. IN ITEM 10A.					ARE MAD	EINTHE	CON-
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREEME	HIN ITEM 14, PURSUANT TO TH	IE AUTHORITY OF FAR	43.1	IVE CHANGES 03(b).	i (such as cho	inges in pay	ving office,
D. OTHER (Specify type of modification	n and authority)						<u> </u>
	noouootod						
E. IMPORTANT: Contractor is no							
funding in the a entitled "Limita purposes of paym respectively. I remains January	this modification mount of \$32,600 tion of Funds". The period for whi 31, 1991. Theref leted in their en	is to allot a pursuant to The total amo ee are increa ch the total fore, H-2., Co	add the oun ase al	itional Section ts allo d by \$30 lotted a ract Fur	incren n I cla tted fo 0,801 a amount nding,	nental ause or the and \$1 cover parag	,799, s raphs
Except as provided herein, all terms and cond and effect.	itions of the document referenced i	in Item 9A or 10A, as here	itofoi	e changed, rem	ains unchang	ed and in f	ull force
15A. NAME AND TITLE OF SIGNER (Type	or print)	16A. NA AE AND TITLE	OF	ONTRACTING	OFFICER	(Type or p	rint)
J. Scott Merrell Contract Administrator		Panice	н.	Clark			

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(Signature of person authorized to sign)	15C DATE SIGNED 1 (2 Tel. /99,8	6B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA-Langley Overprint (DEC 1986)	30-10	5 STANDARD F Prescribed by FAR (48 CFR	

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#### Page 2 of 2

#### "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,170,101. The above allotment covers the following period of performance: From the effective date of the contract through January 31, 1991."
- B. An additional amount of \$68,334 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	· · · O	0	0	18,000
Mod. No. 10	0	0	O`	0	32,600
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,238,435

				. CONTRACT ID	CODE	PAGE (	
AMENDMENT OF SOLICITA'	JN/MODIFI	CATION	OF CONTRACT	1		1	
2. AMENDMENT/MODIFICATION NO.	APR 3	1990	1500.0987; 924 9240.1459	40.1458;	5. PROJEC	T NO. (11 a	Pplicable
6. ISSUED BY CO			7. ADMINISTERED B	Y (If wher thun Item	e) CODE	E	
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	ace Adminis	stration					
A. NAME AND ADDRESS OF CONTRACTOR	(No., street, count	y, State and 2	ZIP Code)	(/) 9A. AMENDA	MENT OF SC	LICITATIO	<u> NO. NO.</u>
Research Triangle In Attn: Mr. Scott Mer P.O. Box 12194	rell			98. DATED (			T/ORD
Research Triangle Pa	rk, NC 2	7709		X NAS	51–1892 (SEE ITEM		
CODE	FACILITY	ODE		6/2	1/89		
11. THIS	ITEM ONLY AF	PLIESTO	AMENDMENTS OF S				
The above numbered solicitation is amende tended.					is extend		is not e
Offers must acknowledge receipt of this amendr							
(a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram MENT TO BE RECEIVED AT THE PLACE DE IN REJECTION OF YOUR OFFER. If by virt letter, provided each telegram or letter makes re 12. ACCOUNTING AND APPROPRIATION DA R13970; \$75,000 (Complete);	n which includes a SIGNATED FOR ue of this amender ference to the solid ATA (If required)	reference to to THE RECEIP nent you desir citation and the PR 1500.	he solicitation and amen T CF OFFERS PRIOR Te to change an offer alren his amendment, and is re 10987; MI941; \$	dment numbers. FAII TO THE HOUR AND ady submitted, such c ceived prior to the op (49,029 (COMP	LURE OF YO DATE SPEC change may b ening hour a	OUR ACKN CIFIED MA be made by t and date spec	IOWLED Y RESUI telegram cified.
13. THIS ITEN	APPLIES ONL	Y TO MOD	IFICATIONS OF CO	NTRACTS/ORDER	۹S,		
IT MODIF			ER NO. AS DESCRI		A ARE MA	TE IN THE	CON-
TRACT ORDER NO. IN ITEM 10A.	JK30AN1 10: 13	pechy damo					
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH 1	T/ORDER IS MOUNT	DIFIED TO R	EFLECT THE ADMINIS	STRATIVE CHANGE	S (such as ch	anges in pa	ying offi
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED IN	TO PURSUAI	NT TO AUTHORITY OF	:			
D. OTHER (Specify type of modification	and authority)						
	reque	sted		copy ackr			
E. IMPORTANT: Contractor is not, 14. DESCRIPTION OF AMENDMENT/MODIFI			is document and retu				
I. The purpose of thi funding in the amo entitled "Limitati purposes of paymen \$15,948, respectiv covers remains Mar paragraphs A. and substituted in lie	s modific unt of \$2 on of Fun t of cost ely. The ch 31, 19 B. are de	ation i 89,029 ds". 1 and fe period 91. Th leted i	is to allot a pursuant to The total amo ae are increa for which to herefore, H-3	additional the Sectio ounts allot ased by \$27 the total a 2., <u>Contrac</u>	increm n I cl ted fo 3,081 llotte t Fund	ental ause or the and d amou ing,	int
			(Continued)	)			
Except as provided herein, all terms and conditionand effect.	ons of the docume	nt referenced	in Item 9A or 10A, as h	eretofore changed, rer	mains unchar	nged and in	full forc
ISA. NAME AND TITLE OF SIGNER (Type or	r print)	<u> </u>	16A. NAME AND TIT		NG OFFICE	R (Type or )	print)
				H. Clark		16C. DA	TE SIGN
ISB. CONTRACTOR/OFFEROR	150.0	DATE SIGNED	BY Jane	SUF AMERICA	ry		
(Signature of person authorized to sig	gn)		(Signatur	e of Contracting Offic	:er)	- 43.	MU
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		Fi	LE COPY	Pr	ANDARD F	GSA	IEV. 10

Page 2 of 2

NAS1-18925 Modification No. 11

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# "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,443,182. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1991."
- B. An additional amount of \$84,282 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	- 0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,527,464

AMENDMENT OF SOLICIT, ION	MODIFICATIO	N OF CONTRACT	I. CONTRACT ID	CODE	PAGE OF PAG
2. AMENOMENT/MODIFICATION NO.	MAY 3 195	4. REQUISITION/PURC	CHASE REQ. NO.	5. PROJEC	NO. (If applicabl
12 6. ISSUED BY	MAY 3 193				
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administratio	7. ADMINISTERED BY	(If other than Item)	°) CODE	
3. NAME AND ADDRESS OF CONTRACTOR (No., .	street, county, State ar	d ZIP Code)	(/) 9A. AMENOM	ENT OF SOL	ICITATION NO.
Research Triangle Inst Attn: Mr. Scott Merre			98. DATED (S	EE ITEM 11.	
P.O. Box 12194	11		10A. MODIFIC	CATION OF	CONTRACT/ORD
Research Triangle Park	, NC 27709		NA	S1-1892	25
			X 108. DATED		
CODE	ACILITY CODE		4	21/89	
11. THIS ITEM	ONLY APPLIES T	O AMENDMENTS OF SC			
The above numbered solicitation is amended as set	et forth in Item 14. The	a hour and date specified for	receipt of Offers	is extende	d, 🗌 is not e
Ciffers must acknowledge receipt of this amendment pi- :a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram which MENT TO BE RECEIVED AT THE PLACE DESIGNA :N REJECTION OF YOUR OFFER. If by virtue of etter, provided each telegram or letter makes reference :2. ACCOUNTING AND APPROPRIATION DATA (I	copies of the amer n includes a reference to ATED FOR THE RECE this amendment you de e to the solicitation and	ndment; (b) By acknowledgin o the solicitation and amend SIPT OF OFFERS PRIOR TO Sire to change an offer alread	ng receipt of this ame ment numbers, FAIL DITHE HOUR AND ( In submitted, such ch	Indmention ex URE OF YOU DATE SPECIA	ICH COPY OF the OF JR ACKNOWLED FIED MAY RESUL made by telesram
		• • • • `			
	LIES ONLY TO MC	DIFICATIONS OF CON		S,	
A. THIS CHANGE ORDER IS ISSUED PURSUA TRACT ORDER NO. IN ITEM 10A.	ANT TO: (Specify aut)	iority) THE CHANGES SET	FORTH IN ITEM 14	ARE MADE	IN THE CON-
B. THE ABOVE NUMBERED CONTRACT/ORD appropriation date, etc.) SET FORTH IN ITEL				(such as char	i <b>ges in paying off</b> ic
C. THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSU	ANT TO AUTHORITY OF:			
D. OTHER (Specify type of modification and au	thority)				
E. IMPORTANT: Contractor X IS NOT,					
I. The purpose of this m funding in the amount entitled "Limitation purposes of payment of \$561, respectively. covers remains March paragraphs A. and B. substituted in lieu t	c of \$10,159 of Funds". of cost and The period 31, 1991. are deleted	) pursuant to t The total amo fee are increa for which the Therefore, H-2	the Section bunts allot sed by \$9, total allo 2., <u>Contrac</u>	I Clau ted fo: 598 and tted au t Fund	ise the i mount ing,
		(Continued)			
Except as provided herein, all terms and conditions of t and effect.	ne document reference	id in Item 9A or 10A, as here	tofore changed, rema	sins unchange	d and in full force
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTRACTING	OFFICER (	Type or print)
		Panice	H. Clark		
SB. CONTRACTOR/OFFEROR	15C. DATE SIGNE	D 168. UNITED STATES C			16C. DATE SIGNE
(Signature of person authorized to sign)		BY <u>Fanice</u> (Signature of	Contracting Officer	<u>v</u> _	5-3-90
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA-Langley Overprint (DEC 1986		COPY	STA		RM 30 (REV. 10-8

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Page 2 of 2

NAS1-18925 Modification No. 12

# "H-2., <u>Contract Funding</u>

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,452,780. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1991."
- B. An additional amount of \$84,843 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours Fund	
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	. 0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,537,623

			CONTRACTIO	CODE	
AMENDMENT OF SOLICITATION	/MODIFICATION	OF CONTRACT	J		PAGE OF PAG
2 AMENDMENT, MODIFICATION NO. 13	AY 24 1990	4. REQUISITION/PURC	HASE REQ. NO.	5. PROJECT	NO. (If applicabl
CODE		7. ADMINISTERED BY	(If uther than Item t		
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administration			CODE	
B. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State and ,	ZIP Code)	() 9A. AMENDM	ENT OF SOL	ICITATION NO.
Research Triangle Insti Attn: Mr. Scott Merre] P.O. Box 12194			98. DATED (S		ONTRACT/ORC
Research Triangle Park,	NC 27709		NO. NAS	1-18925 SEE ITEM 13	
	FACILITY CODE			1/89	
11. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF SC	LICITATIONS		
The above numbered solicitation is amended as sitended. Terfers must acknowledge receipt of this amendment p (a) By completing Items 8 and 15, and returning to mitted; or (c) By separate letter or telegram whice NENT TO BE RECEIVED AT THE PLACE DESIGN/ N REJECTION OF YOUR OFFER. If by virtue of etter, provided each telegram or letter makes reference 2. ACCOUNTING AND APPROPRIATION DATA (1) PR 9240.1510; R13607; \$50, 13. THIS ITEM APP IT MODIFIES T V) A. THIS CHANGE ORDER IS ISSUED PURSU/ TRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORD (1)	rior to the hour and date copies of the amendre h includes a reference to to ATED FOR THE RECEIP this amendment you desire to the solicitation and the required) 000 (Complete LIES ONLY TO MOD HE CONTRACT/ORD ANT TO: (Specify author)	specified in the solicitation nent: (b) By acknowledgir he solicitation and amendr T CF OFFERS PRIOR TO the to change an offer alread his amendment, and is rece b) IFICATIONS OF CONT ER NO. AS DESCRIBE (ty) THE CHANGES SET	a or as amended, by congreceipt of this amenent numbers. FAIL THE HOUR AND D y submitted, such ch ived prior to the ope TRACTS/ORDER D IN ITEM 14.	ndment on ea URE OF YOU DATE SPECIF ange may be r ning hour and S, ARE MADE	owing methods: ch copy of the of IR ACKNOWLED IED MAY RESU made by telegram date specified.
C. THIS SUPPLEMENTAL AGREEMENT IS EN D. OTHER (Specify type of modification and au		NT TO AUTHORITY OF:			
IMPORTANT: Contractor X is not, 4. DESCRIPTION OF AMENDMENT/MODIFICATION funding in the amount entitled "Limitation purposes of payment o \$2,759, respectively. covers is April 30, 1 paragraphs A. and B. substituted in lieu t	on (Organized by UCF at odification is of \$50,000 p of Funds". T f cost and fe The period 991. Therefo are deleted is	is to allot ac pursuant to the The total amount are increase for which the pre, H-2., <u>Con</u>	dicitation/contracts dditional : ne Section unts allott sed by \$47 e total al ntract Func	ubject matter increme: I clau: ced for ,241 and lotted : ling,	where (easible.) ntal se the d amount
		(Continued)			
xcept as provided here:n, all terms and conditions of : id effect.	the document referenced i	in Item 9A or 10A, as here	tofore changed, rema	ins unchanged	and in full force
5A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTRACTING	OFFICER (1	(ype or print)
		Panice H	I. Clark		
58. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES O	FAMERICA	الم ال	LEC. DATE SIGN
(Signature of person authorized to sign)			Contracting Officer	)	5-27-90
SN 7540-01-152-8070 REVIOUS EDITION UNUSABLE AS2-Langlay Overneigt (DEC 1096	, FILE	ĊOPY	Preso	NDARD FOR cribed by GSA (48 CFR) 53	

Page 2 of 2

NAS1-18925 Modification No. 13

# "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,500,021. The above allotment covers the following period of performance: From the effective date of the contract through April 30, 1991."
- B. An additional amount of \$87,602 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	. 0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	. 0	0	0	· 132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,587,623

AMENDMENT OF SOLICITA .		OF CONTRACT	1. 00	NTRACT ID	CODE	PAGE	OF PAG
2. AMENOMENT/MODIFICATION NO.						1	1 2
	ALLY 95 1000	4. REQUISITION/PUR	CHASE	REQ. NO.	5. PROJECT	NO. (11 a	applicable
<u>14</u> 6. ISSUED BY	MAY 25 1990	9240.	1509				
co		7. ADMINISTERED BY	([[ uth	er thun Item (	CODE		
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	ace Administratio	1					
8. NAME AND ADDRESS OF CONTRACTOR (	No., street, county, State and	ZIP Code)	(∦) 9	A. AMENDM	ENT OF SOL		ON NO.
Research Triangle In: Attn: Mr. Scott Merr P. O. Box 12194			9	B. DATED (S	EE ITEM 11)	, <u>.</u>	Maaa ay ahaa ahaa ahaa ahaa ahaa ahaa ah
Research Triangle Par	ck. NC 27709		1	0A. MODIFIC	ATION OF	ONTRAC	CT/ORDE
	,		x		1-18929	5	
			T T	08. DATED	SEE ITEM 13	3)	
CODE	FACILITY CODE			6/2	1/89		
11. THIS I	TEM ONLY APPLIES TO	AMENDMENTS OF S	OLICIT	ATIONS			
The above numbered solicitation is amended tended.     Offers must acknowledge receipt of this amendme (a) By completing Items 8 and 15, and returning submitted, or (c) By separate letter or telegram MENT TO BE RECEIVED AT THE PLACE DES IN REJECTION OF YOUR OFFER. If by virtue atter, provided each telegram or letter makes refe 12. ACCOUNTING AND APPROPRIATION DAT PR 9240.1509; R11732; \$J 13. THIS ITEM IT MODIFIE V) A. THIS CHANGE ORDER IS ISSUED PUE TRACT ORDER NO. IN ITEM IOA.     B. THE ABOVE NUMBERED CONTRACT, appropriation date, etc.) SET FORTH IN IC. THIS SUPPLEMENTAL AGREEMENT I	ent prior to the hour and date copies of the amend which includes a reference to IGNATED FOR THE RECEI e of this amendment you desi rence to the solicitation and TA (If required) 2,000; R13599; APPLIES ONLY TO MOD S THE CONTRACT/ORE SUANT TO: (Specify author "ORDER IS MODIFIED TO F ITEM 14, PURSUANT TO T	specified in the solicitatio ment: (b) By acknowledgi the solicitation and amend PT OF OFFERS PRICE TO ire to change an offer alread this amendment, and is red S55,000 (Com DIFICATIONS OF CON DER NO. AS DESCE'S With) THE CHANGES SET REFLECT THE ADMINIST HE AUTHORITY OF FAR	n or as a ng receil ment nu O THE H dy subm eived pri eived pri TRAC ED IN FORTH FORTH RATIV R 43.103	amended, by a pt of this ame imbers. FAILI HOUR AND E hitted, such ch ior to the open (c) TS/ORDERS ITEM 14.	ndment on ea JRE OF YOU DATE SPECIF ange may be ning hour and S, ARE MADE	owing me och copy o JR ACKN FIED MAY made by t I date spec	of the offa IOWLEDC Y RESUL telegram o cified.
D. OTHER (Specify type of modification an				·			
E. IMPORTANT: Contractor 😦 is not,	is required to sign th	is document and return	י ו	copies	to the issuir	ng office.	
14. DESCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF s	ection headings, including s	olicitati	ion/contract s	ubject matter	where fea	zsible.)
I. The purpose of thi funding in the amo entitled "Limitati purposes of paymen \$3,697, respective covers is Septembe paragraphs A. and substituted in lie	s modification unt of \$67,000 on of Funds." t of cost and ly. The period r 1, 1991. The B. are deleted	is to allot pursuant to The total am fee are incre d for which t erefore, H-2.	addi the ount ased he t , Co	tional Sectior s allot by \$63 otal al ntract	increm I cla ted fo ,303 a lotted Fundin	ental use r the nd amou g,	 Int
Except as provided herein, all terms and condition and effect.							
THE REAL AND THEE OF SIGNER (Type of pl	(111)	16A. NAME AND TITLE	. UP CO	NIRACTING	OFFICER ()	Cype or pi	nnt)

1

		Panice H. Clark	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES OF AMERICA	16C DATE SIGNE
(Signature of person authorized to sign)		BY <u>(Signature of Contracting Officer)</u>	5-25-90
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA-Landley Overnrict (DEC 1086)	30-	FILE COFAR (18 C	D FORM 30 (REV. 10-83 by GSA FR) 53.243

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### Page 2 of 2

# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,563,324. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.

i

- B. An additional amount of \$91,299 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	. 0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000 -
Mod. No. 14	0	0	0	0	67,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,654,623

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AMENDMENT OF SOLICITATION/MC		OF CONTRACT	<u>c</u>	ONTRACT ID	CODE	PAGE 1	OF PAGES
2. AMENDMENT/MODIFICATION NO. 3. EF	FECTIVE DATE	4. REQUISITION/PURC 9240.1185/9240			5. PROJEC	T NO. (If	applicable)
		7. ADMINISTERED BY			ر م CODE	1	
National Aeronautics and Space Ad Langley Research Center Hampton, VA 23665-5225	ninistration				CODE	<b></b>	
8. NAME AND ADDRESS OF CONTRACTOR (No., street	, county, State and Z	(IP Code)	(⋠)	9A. AMENDA	ENT OF SO	LICITATI	ON NO.
Research Triangle Institu Attn: Mr. Scott Merrell P. O. Box 12194				98. DATED (			
Research Triangle Park, 1	NC 27709		x	NÔ.	AS1-189	25	ACT/ORDER
CODE FACI	LITY CODE			6/	21/89		
11. THIS ITEM ON	LY APPLIES TO A	AMENDMENTS OF SC	DLIC	ITATIONS			
Ciffers must acknowledge receipt of this amendment prior to (a) By completing items 8 and 15, and returning	appies of the amendme ludes a reference to the DER THE RECEIP immendment you desire the solicitation and the uired) nplete); PR 9 SCNLY TO MODI CONTRACT/ORDI TO: (Specify authori SMODIFIED TO RE PURSUANT TO THE ED INTO PURSUAN	nent: (b) By acknowledgi the solicitation and amend T OF OFFERS PRIOR TO to to change an offer alread is amendment, and is reconstructed (240.1546; R1173) FICATIONS OF CON ER NO. AS DESCRIB (by) THE CHANGES SET THE CHANGES SET (CATIONS OF CON ER NO. AS DESCRIB (by) THE CHANGES SET (CATIONS OF CON ER NO. AS DESCRIB (CATIONS OF CON ER NO. AS DESC	ng recment D TH dy suid sived 37; TRA ED I FOR FOR	eipt of this am numbers. FAIL E HOUR AND omitted, such c prior to the opt \$40,000 ( CTS/ORDEF N ITEM 14. TH IN ITEM 1 TH IN ITEM 1 UVE CHANGE 103(D).	endment on e LURE OF YO DATE SPECI hange may be ening hour an (COMPlete RS, 4 ARE MADE S (such as cha	EIN THE	of the offer NOWLEDG Y RESULT telegram or ecified.
I. The purpose of this model of the second s	Organized by UCF set odification of \$153,00 of Funds." f cost and The perio , 1991. Th are deleted hereof:	tion headings, including is to allot o pursuant t The total a fee are incr od for which erefore, H-2 in their en	ad o t mou eas the tir	dition/contract ditiona he Sect nts all ed by \$ total <u>Contrac</u> ety and	subject math l incre ion I c otted f 144,558 allotte t Fundi the fo	ementa lause for the and and and ollow:	easible.) al e he ount ing is
<ul> <li>xcept as provided herein, all terms and conditions or the c nd effect.</li> <li>15A. NAME AND TITLE OF SIGNER (Type or print)</li> </ul>		16A. NAME AND TITL					
		Panice					
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY	v	31. Ce	are		TE SIGNES
(Signature of person authorized to sign)		iSignature	or Co	ntracting Offic	er)		

FILE<sup>®</sup>COPY

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		
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STANDARD FORM 30 (REV. 10-83 Prescribed by GSA FAR (48 CFR) 53.243

# Page 2 of 2

### "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,707,882. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.
- B. An additional amount of \$99,741 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	. 0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	· 0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	<u> </u>
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,807,623

AMENDMENT OF SOLIO				1. CON	CONTRACT ID CODE		PAGE	OF PAG
2. AMENDMENT/MODIFICATION NO	D. 3. EFFEC	TIVEDATE	4. REQUISITION/PURG	CHASE F	REQ. NO.	5. PROJEC	1 1 T NO. (11	2
16	AUG	8 1990	See P	age	2 r thun (tein )	<u> </u>	·	
National Aeronautics a Langley Research Cente Hampton, VA 23665-522	er					CODE	L	
8. NAME AND ADDRESS OF CONTR	ACTOR (No., street, cou	nty, State and Z	(P Code)	(/) 94	A. AMENDM	ENT OF SOI	LICITAT	ION NO.
Research Triang Attn: Mr. Scot P. O. Box 12194	t Merrell			96	. DATED (S	EE ITÉM I I	)	
Research Triang	le Park, NC	27709			NO.	S1-1892		ACT/ORD
••••••••••••••••••••••••••••••••••••••						SEE ITEM 1	3)	
	FACILITY					21/89		
The above numbered solicitation is tended. Offers must acknowledge receipt of this (a) By completing Items 8 and 15, and submitted; or (c) By secarate letter or MENT TO BE RECEIVED AT THE PL IN REJECTION OF YOUR OFFER. I ietter, provided each telegram or letter 12. ACCOUNTING AND APPROPRIAT See Page 2 13. THI	s amended as set forth in s amendment prior to the returningcopies telegram which includes ACE DESIGNATED FOF f by virtue of this ameno- makes reference to the so TION DATA ( <i>If required</i> , IS ITEM APPLIES ON MODIFIES THE CON' SUED PURSUANT TO: 10A.	Item 14. The ho hour and date sp of the amendme a reference to th R THE RECEIPT Junent you desire licitation and thi DELY TO MODII TRACT/ORDE (Specify authority DDIFIED TO RE SSUANT TO TH	ur and date specified for becified in the solicitatio ent: (b) By acknowledgi e solicitation and amend OF OFFERS PRIOR To to change an offer airea s amendment, and is rec FICATIONS OF CON R NO. AS DESCRIS by) THE CHANGES SET FLECT THE ADMINIS E AUTHORITY OF FAI	receipt c ing receipt ment nui O THE H dy submi eived prie ITRACT ED IN I FORTH R 43.103	of Offers mended, by o ot of this amo mbers. FAIL OUR AND itted, such cl or to the ope S/ORDER TEM 14.	endment on e URE OF YO DATE SPECI hange may be ening hour and S,	Howing m Pach copy UR ACKI FIED MA I made by d date spo d date spo E IN THE	of the of NOWLED AY RESU relegram ecified.
E. IMPORTANT: Contractor	is not, 🗌 is requi	red to sign this	document and return	n n	copies	to the issui	ing offic	e.
funding in t entitled "Li purposes of \$8,930, resp covers is Se paragraphs A	MODIFICATION (Organ of this modi he amount of mitation of payment of c pectively. T ptember 1, 1 and B. are in lieu ther	fication \$161,850 Funds." ost and the he period 991. The deleted	is to allot 0 pursuant t The total a fee are incr d for which erefore, H-2	add: o the mount eased the f	itional s Sect: ts allo d by \$ total a ontract	l incre ion I c otted f 152,920 allotte t Fundi	ementa laus or the and and amo	al e he ount
Except as provided herein, all terms and and effect. ISA, NAME AND TITLE OF SIGNER			1 Item 9A or 10A, as her 16A. NAME AND TITU Panice	EOFCO	NTRACTIN			
158. CONTRACTOR/OFFEROR		i	16B. UNITED STATES BY			rt		ATE SIGN
(Signature of person authoria	ted to sign)		(Signature	of Contr	acting Office	r)		
NSN 7540-G1-152-8070 PREVIOUS EDITION UNUSABLE	(DEC 1005)	FILE®	COPY		Pre	ANDARD FO scribed by GS R (48 CFR) S	5A	REV. 10-

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Page 2 of 2

NAS1-18925 Modification No. 16

### "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,860,802. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.
- B. An additional amount of \$108,671 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

#### \*\*\*\*\*\*

# Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	<b>\$</b> 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	. 0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,969,473

Block 12. Accounting and Appropriation Data

PR 9240.1572; R11737; \$3,670; R13616; \$3,670 (Complete) PR 3400.0439; R13753; \$40,000; R13755; \$20,000 (Complete) PR 9240.1554; R13616; \$19,510 (Complete) PR 9240.1574; R13616; \$75,000 (Complete)

			·····	CONTRACT ID	CODE	
AMENDMENT OF SOLICITAT	J/MODIFICAT	ION OF	CONTRACT	CONTRACT ID	002	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	AUG 14 9	80A 4	REQUISITION/PURC	HASE REQ. NO.	5. PROJEC	T NO. (If applic, 1/2)
17	AUGIER	330	9240.1	184	-	
6. ISSUED BY COL		7.	ADMINISTERED BY		°) CODE	·
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	ace Administra	tion	-			
8. NAME AND ADDRESS OF CONTRACTOR (	No., street county Sta	te and ZIP	Codel	UN LOA AMENDA	AFNT OF SO	LICITATION NO.
			()	(V) 9A. AMENDA	12111 OF 30	LICITATION NO.
Research Triangle In Attn: Mr. Scott Mer P. O. Box 12194 Research Triangle Pa	rell	09		98. DATED ()		) CONTRACT/ORDER
				x NA	S1-1892	
<u> </u>				108. DATED		3)
	FACILITY CODE	C TO		6/2	21/89	
<u>П. IHIS I</u>	TEM ONLY APPLIE	<u>S 10 AM</u>	ENDMENTS OF SO	LICITATIONS		
The above numbered solicitation is amended tended.	l as set forth in Item 14	. The hour	and date specified for r	receipt of Offers	is extende	ad, 🛄 is not ex-
Offers must acknowledge receipt of this amendme	ent prior to the hour an	d date spec	ified in the solicitation	or as amended, by	one of the fol	lowing methods:
(a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram MENT TO BE RECEIVED AT THE PLACE DES IN REJECTION OF YOUR OFFER. If by virtu letter, provided each telegram or letter makes refe 12. ACCOUNTING AND APPROPRIATION DAT	which includes a referer IGNATED FOR THE R e of this amendment yo arence to the solicitation	nce to the s RECEIPT O pu desire to	olicitation and amendn F OFFERS PRIOR TO change an offer alread	nent numbers, FAIL THE HOUR AND v submitted, such a	URE OF YO DATE SPECI	UR ACKNOWLEDG- FIED MAY RESULT
PR 9240.1184; R11737; \$	27,000 (Com	olete)	<i>i</i>			
13. THIS ITEM	APPLIES ONLY TO	MODIFI	CATIONS OF CONT		IS,	
A. THIS CHANGE ORDER IS ISSUED PUT TRACT ORDER NO. IN ITEM 10A.					ARE MAD	IN THE CON-
B. THE ABOVE NUMBERED CONTRACT appropriation date. etc.) SET FORTH IN	ORDER IS MODIFIED	D TO REFL	ECT THE ADMINIST	RATIVE CHANGES 43.103(b).	5 (such as cha	nges in paying office,
C. THIS SUPPLEMENTAL AGREEMENT I	S ENTERED INTO PU	RSUANT	O AUTHORITY OF:			
D. OTHER (Specify type of modification ar	ad authority)				· · · · · ·	
		·		<u></u>		
E. IMPORTANT: Contractor is not, 14. DESCRIPTION OF AMENDMENT/MODIFIC	is required to s	ign this d	ocument and return	Copies	to the issui	ng office.
I. The purpose of th funding in the am entitled "Limitat purposes of payme \$1,490, respective covers is Septembe paragraphs A. and substituted in lie	is modificat ount of \$27, ion of Funds nt of cost a ely. The pe er 1, 1991. B. are dele	ion i 000 p ." T and fe riod Ther	s to allot ursuant to he total am e are incre for which t efore, H-2.	additional the Sectic ounts allc ased by \$2 he total a , <u>Contrac</u> t	increated in I cla tted for 5,510 illotte Fundi	mental ause or the and d amount
Except as provided herein, all terms and condition and effect.	is of the document refer	renced in It	em 9A or 10A, as here	tofore changed, rem	ains unchang	ed and in full force
15A. NAME AND TITLE OF SIGNER (Type or p	rint)	164	A. NAME AND TITLE	OF CONTRACTIN	GOFFICER	(Type or print)
			Panice 1	H. Clark		
158. CONTRACTOR/OFFEROR	15C. DATE S	i	B. UNITED STATES O	FAMERICA		16C. DATE SIGNED
(Signature of person authorized to sign	<del>,</del>	BY		Contracting Office	<u> </u>	814-90

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NSN 7540-01-152-80			
PREVIOUS EDITION			
NASA-Langley	Overprint	(DEC	1986)

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STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 Page 2 of 2

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### "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,886,312. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.
- B. An additional amount of \$110,161 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	<i>.</i> O	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	· 10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,996,473

AMENDMENT OF SOLICITA	N/MODIFICATIO	N OF CONTRACT	CONTRACT ID	CODE PAGE OF PAGE
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		CHASE REQ. NO.	5. PROJECT NO. (If applicable)
18	SFP 1 1 1990			(if applicable)
6. ISSUED BY		7. ADMINISTERED 8	.1663 Y (If other than I tern	6)
National Aeronautics and Langley Research Center Hampton, VA 23665-5225	CODE LSpace Administratio			
, , ,				
		<u>_</u>		
8. NAME AND ADDRESS OF CONTRACTO	)R (NO., street, county, State ar	nd ZIP Code)	(¥) 9A. AMENDA	MENT OF SOLICITATION NO.
Research Triangle				
Attn: Mr. Scott M	Merrell		98. DATED (	SEE ITEM 11)
P. O. Box 12194				
Research Triangle	Park, NC 27709	)	10A. MODIFI NO.	CATION OF CONTRACT/ORDER
				AS1-18925
			x	
			108. DATED	(SEE ITEM 13)
CODE	FACILITY CODE			21/89
	S ITEM ONLY APPLIES T	O AMENDMENTS OF S	OLICITATIONS	
The above numbered solicitation is amen tended.	nded as set forth in Item 14. Th	e hour and date specified fo	r receipt of Offers	is extended, is not ex-
·				
Offers must acknowledge receipt of this amen	dment prior to the hour and da	ate specified in the solicitation	on or as amended, by	one of the following methods:
(a) By completing Items 8 and 15, and return submitted; or (c) By separate letter or telegr MENT TO BE RECEIVED AT THE PLACE D IN REJECTION OF YOUR OFFER. If by v letter, provided each telegram or letter makes	am which includes a reference to DESIGNATED FOR THE RECE intue of this amendment you do reference to the solicitation and reference to the solicitation a	to the solicitation and amend EIPT OF OFFERS PRIOR T esire to chance an offer alree	dment numbers, FAIL O THE HOUR AND adv submitted, such a	URE OF YOUR ACKNOWLEDG- DATE SPECIFIED MAY RESULT
12. ACCOUNTING AND APPROPRIATION				
PR 9240.1663; R13970;	: \$32,000; R1417	7: \$78,000 (Cd	omplete	
13. THIS ITE	EM APPLIES ONLY TO MO	DIFICATIONS OF COM	NTRACTS/ORDER	IS.
IT MODI	FIES THE CONTRACT/OF	RDER NO. AS DESCRIE	BED IN ITEM 14.	
A. THIS CHANGE ORDER IS ISSUED TRACT ORDER NO. IN ITEM 10A.	PURSUANT TO: Specify aud	hority) THE CHANGES SE	T FORTH IN ITEM 1	4 ARE MADE IN THE CON-
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH	CT/ORDER IS MODIFIED TO	REFLECT THE ADMINIS	TRATIVE CHANGES R 43.103(b).	5 (such as changes in paying office,
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED INTO PURSU	ANT TO AUTHORITY OF	:	
D. OTHER (Specify type of modification	n and authority)			
E. IMPORTANT: Contractor		this document and retur		
14. DESCRIPTION OF AMENDMENT/MODI	FICATION (Organized by UCF	section headings, including	solicitation/contract	subject matter where feasible.)
funding in the entitled "Limit	this modificati amount of \$110, ation of Funds.	000 pursuant t " The total a	to the Sect mounts all	ion I clause otted for the
\$6 070 record	ment of cost and	ind for the incl	the tet-1	103,930 and
covers is Sonto	ively. The per	Tog for which	the total	allotted amount
covers is septe	mber 1, 1991.	inereiore, H-2	., <u>contrac</u>	<u>t</u> runaing,
		ea in their en	itirety and	the following is
substituted in	Tied chereol:			
Except as provided herein, all terms and condit and effect.	tions of the document reference	ed in Item 9A or 10A, as her	retofore changed, rem	ains unchanged and in full force
15A. NAME AND TITLE OF SIGNER (Type of	or print)	16A. NAME AND TITL	E OF CONTRACTING	G OFFICER (Type or print)
		Panice	H. Clark	
158. CONTRACTOR/OFFEROR	LISC DATE SIGNI	ED 168. UNITED STATES		116C. DATE SIGNED
	TIC. UMIC SIGNE			TOU DATE SIGNED
(Signature of person authorized to s	ridp)	BY Janic	of Contracting Office	
	····/	(Signature	of contracting Office	.,

FILE COPY

(Signature of person authorized to sign)

J.

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

NAS1-18925 Modification No. 18

# "H-2., Contract Funding

- "A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,990,242. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.
- B. An additional amount of \$116,231 is obligated under this contract for payment of fee."
- II. All other terms and conditions remain unchanged.

# \*\*\*\*\*

# Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	, o	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	. 0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$2,106,473

AMENDMENT OF SOLICITA ON	I/MODIFICATION		1. CONTRACT ID	CODE	PAGE OF PA
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		1	10 000 000	1 2
19	DEC 0 6 1990	4. REQUISITION/PUR	HASE REQ. NO.	S. PROJEC	TNO. (If applicat
6. ISSUED BY	02000 1990	9240.1712	Ut when then I tem	L	
CODE National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administration			° CODE	: L
3. NAME AND ADDRESS OF CONTRACTOR (No.,	street county State and	(P Code)	UN DA AMENDA	ENT OF SO	LICITATION NO.
Research Triangle Institu Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, N	te		98. DATED (S	EE ITEM I	
			X 108. DATED		(3)
	FACILITY CODE		6/21/8	9	
11. THIS ITEM	ONLY APPLIES TO	AMENDMENTS OF SC	LICITATIONS		
3: By completing Items 8 and 15, and returning	ch includes a reference to th IATED FOR THE RECEIP this amendment you desir- ce to the solicitation and th If required) DOO (Complete) PLIES ONLY TO MODI THE CONTRACT/ORDI ANT TO: (Specify author) DER :S MODIFIED TO RI EM 14, PURSUANT TO TH NTERED INTO PURSUAN	FICATIONS OF CON FICATIONS OF CON ER NO. AS DESCRISI FICATIONS OF CON FICATIONS OF CON ER NO. AS DESCRISI (17) THE CHANGES SET EFLECT THE ADMINIST EAUTHORITY OF FAR	TRACTS/ORDER	URE OF YO DATE SPECI iange may be ning hour an S, ARE MAD	EIN THE CON-
E. IMPORTANT: Contractor X is not,				•• ••• •••	ing office
14. DESCRIPTION OF AMENDMENT/MODIFICATI I. The purpose of this modification amount of \$198,000 pursuant to total amounts allotted for the \$187,075 and \$10,925, respective is December 31, 1991. Therefor in their entirety and the foll Except as provided herein, all terms and conditions of and effect. Except as provided herein, all terms and conditions of and effect.	(CONTINUED ON A	llot additional clause entitled yment of cost a od for which th <u>act Funding</u> , pa tuted in lieu t	incremental "Limitation nd fee are in total allow ragraphs A. a nereof:	funding of Fund noreased and B. a	g in the ds." The d by bunt covers are deleted
		PANICE H. (	TARK		
58. CONTRACTOR/OFFEROR	USC DATE SIGNED	THULLE D. 1			TIEC DATE SIGN

(Signature of person authorized to sign)								
	-01-152-80	70 NUNUSABLE						
		Overprint	(DEC	1986)				

BY

Signature of Contracting Officer)

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

12-6-90

# "H-2. Contract Funding

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A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$2,177,317. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1991.

Î

B. An additional amount of \$127,156 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1 Mod. No. 2	0	-0	0	0	138,000 62,000
Mod. No. 3	0	0	0	.0	02,000
Mod. No. 4	0	õ	0	0	58,835
Mod. No. 5	Ő	õ	Ő	õ	341,400
Mod. No. 6	Ō	Ō	ŏ	Ő	219,000
Mod. No. 7	Ō	Ő	Ō	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	. 0	0	0	27,000
Mod. No. 18	0	0	0	U	110,000
Mod. No. 19 Total	\$10,272,000		<u>00</u>	192,000	$\frac{198,000}{22,204,472}$
IUCAL	\$10,2/2,000	\$600,000	\$10,872,000	182,000	\$2,304,473

### CONTRACT TABULATION

Page 2 of 2 NAS1-18925 Modification No. 19

				ONTRACT ID	CODE	PAGE OF PAG
	ODIFICATION	OF CONTRACT	,			1 I
2. AMENDMENT, MODIFICATION NO. 3. E	FFECTIVE DATE	4. REQUISITION/PURC	HAS	E REQ. NO.	5. PROJECT	NO. (If applicable
3. ISSUED BY	DEC 1 3 1990	3400.0			<u> </u>	
CODEL National Aeronautics and Space Ad Langley Research Center Hampton, VA 23665-5225	dministration	7. ADMINISTERED BY	(11 0	iher thun Item	°) CODE	
3. NAME AND ADDRESS OF CONTRACTOR (No., stre	et, county. State and	ZIP Codei	<u> </u>	AMENDA		ICITATION NO.
			( <b>/</b> )			ACTIVITION NO.
Research Triangle Institu	ite					
Attn: Mr. Scott Merrell				98. DATED (S	EE ITEM II)	
P. O. Box 12194 Research Triangle Park, N	IC 27709			10A. MODIFI	CATION OF	CONTRACT/ORDE
Rebeaten filangie fair, r	C 27709			NO.		_
			х		1-18929	-
CODE	LITY CODE			108. DATED (		1)
		AMENDMENTS OF SC			1/89	
The above numbered solicitation is amended as set fo					7.	
tended.				_	is extended	- <b>·</b> - <u>-</u> · · · ·
Cifers must acknowledge receipt of this amendment prior	to the hour and date s	specified in the solicitation	oras	amended, by d	one of the foll	owing methods:
(a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram which ind MENT TO BE RECEIVED AT THE PLACE DESIGNATE IN REJECTION OF YOUR OFFER. If by virtue of this letter, provided each telegram or letter makes reference to IEL ACCOUNTING AND APPROPRIATION DATA (If rec	Ciudes a reference to the D FOR THE RECEIP amendment you desire the solicitation and the the solicitation and the solicitation and	he solicitation and amended T OF OFFERS PRIOR TO a to change an offer alread	nent i THE	HOUR AND (	URE OF YOU	IR ACKNOWLED
<u>DR 3400.0466; R14458; \$200.0</u>	00 (Complet	-e)				
13. THIS ITEM APPLIE	SONLY TO MODI	FICATIONS OF CONT	TRA	CTS/ORDER	S,	
A. THIS CHANGE ORDER IS ISSUED PURSUANT	CONTRACT/ORDI	ER NO, AS DESCRIBE	D IN	1 (TEM 14.		IN THE CON-
B. THE ABOVE NUMBERED CONTRACT/ORDER appropriation date, etc.) SET FORTH IN ITEM 14	IS MODIFIED TO RE , PURSUANT TO TH	EFLECT THE ADMINIST	RATI 43.1	VE CHANGES	(such as chan	ges in paying office
C. THIS SUPPLEMENTAL AGREEMENT IS ENTER						
	· · · · · · · · · · · · · · · · · · ·					
D. OTHER (Specify type of modification and author	ity)					
E. IMPORTANT: Contractor 🗴 is not, 🗌 is	required to sign thi	s document and return		copies	to the issuin	ng office.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (	Organized by UCF sec	tion headings, including sc	olicite	ition/contract s	ubject matter	where feasible.)
I. The purpose of this model funding in the amount entitled "Limitation of purposes of payment of \$11,036, respectively. covers is February 14, paragraphs A. and B. and is substituted in lieu	of \$200,000 f Funds." cost and f The perio 1992. The re deleted	pursuant to The total amo ee are increa d for which to refore, H-2.,	th oun ise he C	e Sectio ts allot d by \$18 total a ontract	on I cla ted fo: 88,964 a llotted Funding	ause r the and d amount
	-	ntinued)				
$\mathbb{Z}$ <codt all="" and="" as="" conditions="" dangle="" effect.<="" herein,="" of="" provided="" td="" terms="" the=""><td>locument referenced in</td><td>n Item 9A or 10A, as heret</td><td>totori</td><td>s changed, rema</td><td>ins unchanged</td><td>d and in full force</td></codt>	locument referenced in	n Item 9A or 10A, as heret	totori	s changed, rema	ins unchanged	d and in full force
5A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE		-	OFFICER (1	Type or print)
. JB. CONTRACTOR/OFFEROR	USC DATE SOUCH	Panice H				
		168. UNITED STATES OF	а п С			IGC. DATE SIGNE
(Signature of person authorized to sign)		BY <u>JUNCE</u> iSignature of	Con	tracting Officer	,	12/13/90
NSN 7540-01-152-8070 29EV10US EDITION UNUSABLE	30-1	.05				M 30 (REV. 10-83
NASA-Langley Overprint (DEC 1986)					(48 CFR) 53	

NAS1-18925 Modification No. 20

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$2,366,281. The above allotment covers the following period of performance: From the effective date of the contract through February 14, 1992.

B. An additional amount of \$138,192 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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# Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$2,504,473

- ·					
AMENDMENT OF SOLICITATI	ON/MODIFICATION	OF CONTRACT	JNTRACT ID	CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 21	JAN 2 8 1991	4. REQUISITION/PURC	HASE REQ. NO.	S. PROJEC	T NO. (If applicable)
6. ISSUED BY COL		7. ADMINISTERED BY		°' CODE	
National Aeronautics and Spa Langley Research Center Hampton, VA 23665-5225	ace Administration				
8. NAME AND ADDRESS OF CONTRACTOR (	No., street, county, State and 2	[ ZIP Code)	() 9A. AMENDA	MENT OF SO	LICITATION NO.
Research Triangle I Attn: Mr. Scott Me P. O. Box 12194 Research Triangle P	rrell		NO.		CONTRACT/ORDER
	· · · · · · · · · · · · · · · · · · ·		108. DATED		3)
	FACILITY CODE			/21/89	<u></u>
The above numbered solicitation is amended				is extend	ert is not ex-
	TA (If required) APPLIES ONLY TO MOD IS THE CONTRACT/ORD RSUANT TO: (Specify author /ORDER IS MODIFIED TO R I TEM 14, PURSUANT TO TH IS ENTERED INTO PURSUAN	FICATIONS OF CON ER NO. AS DESCRIBI 107) THE CHANGES SET EFLECT THE ADMINIST 15 AUTHORITY OF FAF	TRACTS/ORDEF ED IN ITEM 14. FORTH IN ITEM 1 RATIVE CHANGE 43.103(b).	S,	EIN THE CON-
E. IMPORTANT: Contractor is not, 14. DESCRIPTION OF AMENDMENT/MODIFIC I. The purpose of the funding in the assentitled "Limitas purposes of payme \$6,417, respection covers is Februas paragraphs A. and is substituted is	CATION (Organized by UCF se his modificatio mount of \$116,3 tion of Funds." ent of cost and vely. The peri ry 14, 1992. T d B. are delete	n is to allot 00 pursuant t The total a fee are incr od for which herefore, H-2	addition/contract additionation to the Sect mounts all eased by S the total ., <u>Contrac</u>	subject matter al incr tion I lotted 3109,88 allott ct Fund	emental clause for the 3 and ed amount ing,
	(	Continued)			
Except as provided herein, all terms and condition	ns of the document referenced	in Item 9A or 10A, as her	etofore changed, ren	nains unchang	ed and in full force
and street. ISA. NAME AND TITLE OF SIGNER (Type or )	print)	James	OF CONTRACTIN Y. Taylor	G OFFICER	(Type or print)
158. CONTRACTOR/OFFEROR		168. UNITED STATES			JAN 2 8 1991
(Signature of person authorized to sign	Pit	(Signature	of Contracting Offic		
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE			Pre	ANDARD FO	

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### Page 2 of 2

# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$2,476,164. The above allotment covers the following period of performance: From the effective date of the contract through February 14, 1992.

An additional amount of \$144,609 is obligated under this в. contract for payment of fee."

II. All other terms and conditions remain unchanged.

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# Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	, 0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	. 0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	· 0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$2,620,773

Block No. 12 PR 9240.1733; R14219; \$8,367; R14217; \$8,367; R13616; \$8,366 (Complete) PR 9240.1697; R13599; \$50,000 (Complete) PR 9240.1718; R13599, \$41,200 (Complete)

AMENDMENT OF SOLICITA			ONTRACT ID	CODE PAGE C	OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE			1	2
22	JAN 3 0 1991	4. REQUISITION/PURCH		5. PROJECT NO. (If a	pplicable)
6. ISSUED BY		7. ADMINISTERED BY (1)		°' CODE	
National Aeronautics and S Langley Research Center Hampton, VA 23665-5225					
8. NAME AND ADDRESS OF CONTRACTO	R (No., street, county, State and 2	ZIP Code)	) 9A. AMENDI	MENT OF SOLICITATIC	N NO.
Decesses Maissels	Tratituta				
Research Triangle Attn: Mr. Scott M			98. DATED	SEE ITEM 11)	·····
P. O. Box 12194					
Research Triangle	Park, NC 27709		NO.	CATION OF CONTRAC	T/ORDER
			< N	AS1-18925	
			-	(SEE ITEM 13)	
CODE	FACILITY CODE			/21/89	
	S ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS	<u> </u>	
	am which includes a reference to to DESIGNATED FOR THE RECEIP intue of this amendment you desir reference to the solicitation and to DATA (If required) MAPPLIES ONLY TO MOD FIES THE CONTRACT/ORD PURSUANT TO: (Specify author NCT/ORDER IS MODIFIED TO R HIN ITEM 14, PURSUANT TO TH NT IS ENTERED INTO PURSUAR n and authority)	he solicitation and amendme TOFOFFERS PRIOR TOT re to change an offer already his amendment, and is receive IFICATIONS OF CONTE ER NO. AS DESCRIBED TRY) THE CHANGES SET FO EFLECT THE ADMINISTR HE AUTHORITY OF FAR 4 NT TO AUTHORITY OF:	nt numbers. FAI HE HOUR AND submitted, such of ad prior to the or RACTS/ORDE IN ITEM 14. DRTH IN ITEM ATIVE CHANGE 3.103(b).	LURE OF YOUR ACKN DATE SPECIFIED MAY change may be made by the ening hour and date spectrum RS, 14 ARE MADE IN THE C IS (such as changes in pay	OWLEDG- Y RESULT telegram or cified.
funding in the entitled "Limit purposes of pay \$31,727, respec covers is Febru paragraphs A. a	this modification amount of \$575,00 ation of Funds." ment of cost and tively. The per- ary 14, 1992. The and B. are deleted in lieu thereof:	n is to allot 00 pursuant to The total am fee are incre iod for which herefore, H-2.	additiona the Sectounts all ased by S the total , <u>Contrac</u>	al incrementation I clause lotted for th 543,273 and L allotted an ct Funding,	al e ne nount
Except as provided herein, all terms and condi			fore changed re-	mains unchanged and in t	fuil force
Except as provided herein, all terms and condi- and attect.		TIGA. NAME AND TITLE C			
And and the state of all the set and the states of a party of the set of a set of the se			H. Clark	-	
158. CONTRACTOR/OFFEROR		BY JANCE	1. Clark		TE SIGNED
(Signature of person authorized to	sign)	(Signature of	Contracting Offic		
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	FILE	N.Color	Pr	ANDARD FORM 30 (R escribed by GSA AR (48 CFR) 53.243	EV, 10-83

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# Page 2 of 2

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# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,019,437. The above allotment covers the following period of performance: From the effective date of the contract through February 14, 1992.

B. An additional amount of \$176,336 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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### Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,195,773

Block No. 12 PR 9240.1759; R14217; \$235,000 (Complete) PR 9240.1760; R14219; \$65,000 (Complete) PR 9240.1732; R14219, \$275,000 (Complete)

AMENDMENT OF SOLICITAT	ION/MODIFICATION	OF CONTRACT	1. TRACT I		PAGE OF PAG
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURC		5. PROJEC	T NO. (If applicable
6. ISSUED BY	FEB 0 5 1991	PR 92	40.1748		
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	ace Administration			CODE	L
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and 2	( CIP Code)	(/) 9A. AMEND	MENT OF SOL	ICITATION NO.
Research Triangle I Attn: Mr. Scott Me P. O. Box 12194 Research Triangle P	nstitute rrell		98. DATED	(SEE ITEM 11)	) CONTRACT/ORD
COD5			1	(SEE ITEM 1	3)
CODE 11 THIS	FACILITY CODE	MENDAENTS OF CO		21/89	·····
The above numbered solicitation is amende tended. Offers must acknowledge receipt of this amender (a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram MENT TO BE RECEIVED AT THE PLACE DES IN REJECTION OF YOUR OFFER. If by virtu letter, provided each telegram or letter makes ref	d as set forth in Item 14. The homent prior to the hour and date s copies of the amendm which includes a reference to t SIGNATED FOR THE RECEIPT to of this amendment you desire erence to the solicitation and th	pur and date specified for r pecified in the solicitation tent: (b) By acknowledgin te solicitation and amenda T OF OFFERS PRIOR TO a to change an offer alread	eceipt of Offers or as amended, by g receipt of this an nent numbers, FAI THE HOUR AND y submitted, such of	LURE OF YOU DATE SPECIA	lowing methods: ach copy of the off UR ACKNOWLED FIED MAY RESUL made by Result
12. ACCOUNTING AND APPROPRIATION DA	TA (If required)	<u></u>			
PR 9240.1748; R13616;		the second s			
13. THIS ITEM IT MODIFI	APPLIES ONLY TO MODI ES THE CONTRACT/ORDE	FICATIONS OF CONT	RACTS/ORDE	RS,	
V) A. THIS CHANGE ORDER IS ISSUED PU				4 ARE MADE	IN THE CON-
B. THE ABOVE NUMBERED CONTRACT JPPropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT	TIEN 14, PORSUANT TO TH	E AUTHORITY OF FAR	RATIVE CHANGE 43.103(b).	S (such as char	nges in paying offic
D. OTHER (Specify type of modification a	nd authority)			<u></u>	
E. IMPORTANT: Contractor X is not,	is required to sign this	s document and return	copie	s to the issui	ng office.
I. The purpose of th funding in the an entitled "Limitat purposes of payme \$5,559, respectiv covers is Februar paragraphs A. and is substituted in	ATION (Organized by UCF sec nois modification yount of \$100,75 tion of Funds." ent of cost and vely. The period ry 14, 1992. The B. are deleted	is to allot o pursuant to The total am fee are incre d for which t erefore, H-2.	additiona the Sect ounts all ased by \$ he total , Contrac	<i>ubject matter</i> ion I c otted f 95,191 allotted t Fundi	where feasible.) mental lause or the and d amount ng.
	(Ca	ontinued)			
Except as provided herein, all terms and condition and effect.	ns of the document referenced is	n Item 9A or 10A, as herei	ofore changed, ren	nains unchange	d and in full force
	· · · · · · · · · · · · · · · · · · ·	16A. NAME AND TITLE	OF CONTRACTIN	GOFF.CER (	Type or print)
15A. NAME AND TITLE OF SIGNER (Type or )	print)	Panice	H. Clark		
	15C. DATE SIGNED	Panice	H. Clark	,	16C DATE SIGNE

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASAL: anglav Ovarganist (DEC 1986)

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FILECOPY

STANDARD FORM 30 (REV. 10-63) Prescribed by GSA FAR (48 CFR) 53,243

# Page 2 of 2

# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,114,628. The above allotment covers the following period of performance: From the effective date of the contract through February 14, 1992.

B. An additional amount of \$181,895 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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# Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,296,523

	ION/MODIFICATIO			1 2
AMENDMENT/MODIFICATION NO.	S. EFFECTIVE DATE			PROJECT NO. (If applicable
CC		7. ADMINISTERED	3Y (If other than Item 6)	CODE
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	oace Administratio	on		
NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State as	nd ZIP Code)	() 9A. AMENDMEN	T OF SOLICITATION NO.
Research Triangle In Attn: Mr. Scott Mer			98. DATED (SEE	TEM III
P. O. Box 12194	TerT		56. UNIEU (322	(1EM 11)
Research Triangle Pa	rk, NC 27709		10A. MODIFICAT	ION OF CONTRACT/ORD
-				18925
			A 108. DATED (SEI	E (TEM 13)
ODE	FACILITY CODE		6/21/	· · ·
	ITEM ONLY APPLIES T	O AMENDMENTS OF		
The above numbered solicitation is amende	ed as set forth in Item 14. Th	e hour and date specified f		is extended, is not a
R 1500.1087; M1941; \$5 13. THIS ITEM			NTRACTS/ORDERS,	
IT MODIF	ES THE CONTRACT/OI	RDER NO. AS DESCRI	BED IN ITEM 14.	
V) A. THIS CHANGE ORDER IS ISSUED PO TRACT ORDER NO. IN ITEM 10A.	JRSUANT TO: (Specify aut	honty) THE CHANGES S	ET FORTH IN ITEM 14 A	RE MADE IN THE CON-
3. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH 1	N ITEM 14, PURSUANT TO	THE AUTHORITY OF F	AR 43.103(b).	ich as changes in paying off
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSU	JANT TO AUTHORITY O	F:	
D. OTHER (Specify type of modification	and authority)	<del></del>		
. IMPORTANT: Contractor X is not,				
4. DESCRIPTION OF AMENDMENT/MODIF I. The purpose of th				
funding in the am				
entitled "Limitat				
purposes of payme				
\$2,980, respective covers is June 3,	ely. The peri-	od for which	the total allo	otted amount
A. and B. are dele				
substituted in lie				20
	(Co:	ntinued)		
xceot as provided herein, all terms and condition	ons of the document referen	.ed in Item 9A or 10A, as I	heretofore changed, remain	s unchanged and in full for
nd stfect. 5A. NAME AND TITLE OF SIGNER (Type of	r print)	16A. NAME AND TH	LE OF CONTRACTING C	FFICER (Type or print)
		Panice	H. Clark	
			_	
58. CONTRACTOR/OFFEROR	115C. DATE SIGN	NED 168. UNITED STATE	S OF AMERICA	16C DATE SIGN
SB. CONTRACTOR/OFFEROR	15C. DATE SIGN	BY	W MARICA	15C DATE SIGN

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NAS1-18925 Modification No. 24

# "H-2., <u>Contract Funding</u>

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,165,648. The above allotment covers the following period of performance: From the effective date of the contract through June 3, 1992.

B. An additional amount of \$184,875 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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# Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
_					
Basic					•
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mcd. No. 3	0	0	0	0	0
Mcd. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mcd. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	. 0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,350,523

	MODIFIC		FCONTRACT	<u> </u>	INTRACT I	D CODE	PAGE	OF PAGES
A AMENDMENT/MODIFICATION NO.	3. EFFECTIVE		REQUISITION/PUR	CHAS	E REQ. NO.	S. PROJE	1 ECT NO. (If a	2
25	MAR 6	1991	9240	. 181	1			, , , , , , , , , , , , , , , , , , ,
CODE		<u> </u>	ADMINISTERED 8	Y (11 u)	her thun Iter	7 6) COC		
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administ	ration						
NAME AND ADDRESS OF CONTRACTOR (No., a	treet, county,	State and ZI	Code)	(∉)	9A. AMENC	MENT OF S	OLICITATIC	<u>. NN NO.</u>
Research Triangle : Attn: Mr. Scott Me P. O. Box 12194	errell				98. DATED	SEE ITEM	11)	
Research Triangle	Park, NG	2770	9	x	NÔ.	AS1-18	925	T/ORDER
ODE	ACILITY COL	DE	<u>-</u>	4		D (SEE ITEM /21/89	[ 13)	
			IENDMENTS OF S	OLIC				
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I. The purpose of this funding in the amoun entitled "Limitation purposes of payment \$4,514, respectively covers is June 3, 19 A. and B. are delete substituted in lieu	nt of \$8 of Fur of cost 7. The 992. The ed in th	1,815 nds." and f period nerefor neir en	pursuant to The total a ee are incr for which e, H-2., <u>Co</u>	the mount rease the	e Sect: nts all ed by S total act Fur	ion I c lotted \$77,301 allott nding,	clause for the and ced amor paragra	e unt
		(Cont	inued)					
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Except as provided herein all terms and conditions of ind effect. ISA, NAME AND TITLE OF SIGNER (Type or print)		referenced in	·	EOF	CONTRACT			

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# Page 2 of 2

# "H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,242,949. The above allotment covers the following period of performance: From the effective date of the contract through June 3, 1992.

B. An additional amount of \$189,389 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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# Contract Tabulation

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	. 0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	· 0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,432,338

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6:83500 sv       CODE       1. ADMINISTREEDED sv       CODE         National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225       CODE       CODE         NAME AND ADDRESS OF CONTRACTOR ING. street cents, State and StP Code1       (a) PA. AMENDMENT OF SOLICITATION NO.         Research Triangle Institute Attr: Mr. J. Scott Merrell       (b) PA. AMENDMENT OF SOLICITATION NO.         Research Triangle Park, NC 27709-2194       (b) AMENDMENT OF CONTRACTOR NO.         II. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION SOLICITATION NO.       (c) 21/283         CODE       [FACILITY CODE         II. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS       (c) 21/283         CODE       [FACILITY CODE         IVERTICE VIEW AND ADDRESS OF SOLICITATIONS       (c) 21/283         CODE       [FACILITY CODE         IVERTICE VIEW AND ADDRESS OF SOLICITATION SOLICITATION NO.       (c) 21/283         CODE       [FACILITY CODE         IVERTICE VIEW AND ADDRESS OF SOLICITATION ADDRESS OF SOLICITATION NO.       (c) 21/283         CODE       [FACILITY CODE         CODE	26	•			
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Ubmitted: or Ici By separate latter or telegram which includes a reference to the solicitation and a mendiment numbers. FAILURE OF YOUR ACKNOWLED EVIT TO BEREVENED TO HEPERCEVED AND AND DATE SPECIFIED MAY RESUL         N X ELECTION OF YOUR OFFER. If by write of this amendment you desire to change an offer already ubmitted, such change may be made by valegram in and interval would be the specified.         2. ACCOUNTING AND APPROPRIATION DATA (If required)         P29 2240.1880; B142112, S10, 700 (Complete); PR 9250.0184; B13605; S25,000 (Complete).         13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.         P2 9240.1880; B142112; S10, 700 (Complete); PR 9250.0184; B13605; S25,000 (Complete).         14. THIS CHANGE ONDER IS ISSUED ON REFLECT TO REFLECT THE ADMINISTRATIVE CHANGES (see for MIT IN THE 14.         15. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (see for a changes in paying office).         15. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (see a changes in paying office).         16. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (see a changes in paying office).         16. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (see a changes in paying office).         17. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO THE AUTHORITY OF FAR 43103012).         18. IMPORTANT: Contractor 20 is not.       is required to sign this document and return					
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13. THIS ITEM APPLIES ONLY TO MODIFICATION SOF CONTRACTSORDERS, 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 CON- TRACT 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: «ci) 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)  D. OTHER (Specify type of modification of a use of this document and return copies to the issuing office.  4. JESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section haadings, including solicitation:contract subject matter where feasible.)  I. The purposes of this Modification No. 26 are to allot additional incremental funding in the amount of \$55,700 pursuant to the Section I clause entitled, "Limitation of Funds," and to extend the funding period. The total amounts allotted for the purposes of payment of cost and fee are increased by \$52,774 and \$2,926, respectively, and the period for which the total allotted amount covers is extended through November 1, 1992. Therefore, H=2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  A NAME AND TITLE OF SIGNER (Type or print)  BY BACK AND TITLE OF SIGNER (Type or print)  BY BACK AND TITLE OF CONTRACTING OFFICER (Type or print)  BY BACK AND TITLE OF SIGNER (Type or print)  BY BACK AND TITLE OF CO	2. ACCOUNTING AND APPROPRIATION DATA	A (If required)			
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SB. CONTRACTOR/OFFEROR SB. CONTRACTOR/OFFEROR ISignature of person authorized to sign) Signature of person authorized to sign) Panice H. Clark BY Signature of Contracting Officer) ISignature of Contracting Officer)	xcept as provided herein, all terms and conditions nd effect.	of the document referenced			
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NSN 7540-01-152-8070 30-105-2 STANDARD FORM 30 (REV. 10-8	(Signature of person authorized to sign)			of Contracting Office	er) 6-20-21
	NSN 7540-01-152-8070	30.	105-2	SŤ	ANDARD FORM 30 (REV. 10-8.

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NAS1-18925 Modification No. 26

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# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,295,723. The above allotment covers the following period of performance: From the effective date of the contract through June 3, 1992.

B. An additional amount of \$192,315 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Decie					
Basic	610 272 000	\$600.000	\$10 972 000	182 000	\$ 55,000
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000 0	138,000
Mod. No. 1	0	0	0	0	62,000
Mod. No. 2	0	0	0	0	02,000
Mod. No. 3	0	0	0	0	58,835
Mod. No. 4	0	0	0	0	341,400
Mod. No. 5	0		0	0	219,000
Mod. No. 6	0	0	0	0	181,600
Mod. No. 7	0	0	0	0	132,000
Mod. No. 8	0	0	0	Ö	18,000
Mod. No. 9	•		0	0	32,600
Mod. No. 10	0	0	0	0	289,029
Mod. No. 11	0	0	0	0	10,159
Mod. No. 12	0	0	0		50,000
Mod. No. 13	0	0	0	0	•
Mod. No. 14	0	0	0		67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	· · ·	0	110,000
Mod. No. 19	0	0	0		198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	_	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0			55,700
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,488,038

AMENDMENT OF SOLICITA	N/MODIFICATION	OF CONTRACT	L. CONTRACT ID CO	DOE PAGE OF PAGE
2. AMENDMENT/MODIFICATION NO.	JUE 29 1991 ATE	4. REQUISITION/PUR	CHASE REQ. NO.	PROJECT NO. (If applicable)
27 6. ISSUED BY		9240 2002/		
National Aeronautics and S Langley Research Center Hampton, VA 23665-5225	ODE L pace Administration	-		
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and	ZIP Code)	() 9A. AMENDME	NT OF SOLICITATION NO.
Research Triang Attn: Mr. J. S P. O. Box 12194 Research Triang	Cott Merrell	709-2194	98. DATED (SE 10A. MODIFICA NO.	E ITEM 11)
			X	1-18925
			108. DATED (S	
CODE 11 THIS	FACILITY CODE		6/21	/89
The above numbered solicitation is amend tended.	led as set forth in Item 14. The h	our and date specified for	receipt of Offers	is extended, is not ex-
(a) By completing Items 8 and 15, and returnin submitted; or (c) By separate letter or telegrad MENT TO BE RECEIVED AT THE PLACE DE IN REJECTION OF YOUR OFFER. If by vir letter, provided each telegram or letter makes r	m which includes a reference to a ESIGNATED FOR THE RECEIP tue of this amendment you desir eference to the solicitation and t	the solicitation and amend PT OF OFFERS PRIOR TO re to change an offer alread	ment numbers, FAILU O THE HOUR AND DA dy submitted, such cha	RE OF YOUR ACKNOWLEDG ATE SPECIFIED MAY RESULT nge may be made by telegram or
12. ACCOUNTING AND APPROPRIATION D	ATA (If required)			
	MAPPLIES ONLY TO MOD IES THE CONTRACT/ORD	IFICATIONS OF CON	TRACTS/ORDERS	
V) A. THIS CHANGE ORDER IS ISSUED P TRACT ORDER NO. IN ITEM 10A.	URSUANT TO: (Specify author	HIN THE CHANGES SET	FORTH IN ITEM 14 /	ARE MADE IN THE CON-
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH C. THIS SUPPLEMENTAL AGREEMENT	IN ITEM 14, PURSUANT TO TI	HE AUTHORITY OF FAI	R 43.103(b).	such as changes in paying office.
D. OTHER (Specify type of modification	and authority)			<u></u>
E. IMPORTANT: Contractor Is not 14. DESCRIPTION OF AMENDMENT/MODIF		is document and return		
I. The purposes of incremental fund I clause entitle for the purposes and \$20,537, res paragraphs A. an is substituted is	ing in the amoun d, "Limitation of of payment of c pectively. Ther d B. are deleted	t of \$372,200 f Funds." Th ost and fee a efore, H-2.,	) pursuant t ne total amo are increase <u>Contract Fu</u>	o the Section unts allotted d by \$351,663 nding,
	(Con	tinued)		
Except as provided herein, all terms and conditi and effect.	ions of the document referenced	in Item 9A or 10A, as her	etofore changed, remain	ns unchanged and in full force
ISA. NAME AND TITLE OF SIGNER (Type o	r print)	16A. NAME AND TITLE	OF CONTRACTING	OFFICER (Type or print)
		P. H. C	lark	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNTER STATES		16C. DATE SIGNED
		BY Danice	) I. Clare	7-29-21
(Signature of person authorized to si	gn)	(Signature	of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA-Langley Overprint (DEC	1986) <b>FILE</b> <sup>30</sup>	COPY	Prescr	DARD FORM 30 (REV. 10-83 ibed by GSA (48 CFR) 53.243

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NAS1-18925 Modification No. 27

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,647,386. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$212,852 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours		Funding
Basic				,		
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$	55,000
Mod. No. 1	0	0	0	0	-	138,000
Mod. No. 2	0	0	0	0		62,000
Mod. No. 3	0	0	0	0		0
Mod. No. 4	0	0	0	0		58,835
Mod. No. 5	0	0	0	0		341,400
Mod. No. 6	0	0	0	0		219,000
Mod. No. 7	. 0	0	0	0		181,600
Mod. No. 8	0	0	0	0		132,000
Mod. No. 9	0	0	0	0		18,000
Mod. No. 10	0	0	0	0		32,600
Mod. No. 11	0	0	0	0		289,029
Mod. No. 12	0	0	0	0		10,159
Mod. No. 13	0	0	0	0		50,000
Mod. No. 14	0	0	0	0		67,000
Mod. No. 15	0	0	0	0		153,000
Mod. No. 16	0	0	0	0		161,850
Mod. No. 17	0	0	0	0		27,000
Mod. No. 18	0	0	0	0		110,000
Mod. No. 19	0	0	0	0		198,000
Mod. No. 20	0	0	0	0		200,000
Mod. No. 21	0	0	0	0		116,300
Mod. No. 22	0	0	0	0		575,000
Mod. No. 23	0	0	0	0		100,750
Mod. No. 24	0	0	0	0		54,000
Mod. No. 25	0	0	0	0		81,815
Mod. No. 26	0	0	0	0		55,700
Mod. No. 27	0	0	0	0		372,200
Total	\$10,272,000	\$600,000	\$10,872,000	182.000	\$3	,860,238

AMENDMENT OF SOLICITA	N/MODIFICATION	OF CONTRACT	CONTRACT ID	CODE	PAGE OF PAGE
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURC	HASE REQ. NO.	5. PROJECT	NO. (If applicable
28		9240.2078			
6. ISSUED BY		7. ADMINISTERED BY	(If other than I tem	6) CODE	
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	pace Administration				٨
. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and 2	[ ZIP Code)	() 94. AMENDA	IENT OF SOL	ICITATION NO.
		,			
Research Trian Attn: Mr. J. P. O. Box 1219	Scott Merrell		98. DATED (	SEE ITEM 11	<b>)</b>
Research Trian	gle Park, NC 27	709-2194	10A. MODIFI NO.	CATION OF	CONTRACT/ORDE
			X N.	AS1-189	
CODE	FACILITY CODE		4 1	(323/12m 1) (21/89	
	ITEM ONLY APPLIES TO	AMENDMENTS OF SC		41/09	
The above numbered solicitation is amende			<u>المراجعة المراجعة ا</u>	is extende	is not ex
Offers must acknowledge receipt of this amend	ment prior to the hour and date :	specified in the solicitation	n or as amended, by	one of the fol	lowing methods:
(a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegran MENT TO BE RECEIVED AT THE PLACE DE IN REJECTION OF YOUR OFFER. If by virt letter, provided each telegram or letter makes re	n which includes a reference to t SIGNATED FOR THE RECEIP tue of this amendment you desir aference to the solicitation and th	he solicitation and amend T OF OFFERS PRIOR TO e to change an offer alread	ment numbers, FAIL O THE HOUR AND dy submitted, such c	URE OF YO DATE SPECI hange may be	UR ACKNOWLED FIED MAY RESUL made by telegram
12. ACCOUNTING AND APPROPRIATION D	··· • •				
	APPLIES ONLY TO MODIES THE CONTRACT/ORD	IFICATIONS OF CON ER NO. AS DESCRIBI	ED IN ITEM 14.	-	IN THE CON-
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	T/ORDER IS MODIFIED TO R	EFLECT THE ADMINIST	RATIVE CHANGE	S (such as cha	nges in paying offic
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUAN	NT TO AUTHORITY OF:			
D. OTHER (Specify type of modification	and authority)				
E. IMPORTANT: Contractor 🖾 is not.	-				
I. The purposes of incremental func clause entitled, for the purposes and \$530, respec A. and B. are de substituted in 1	this Modification ding in the amount "Limitation of s of payment of of ctively. Therefore eleted in their of	on No. 28 are at of \$9,600 Funds." The cost and fee ore, H-2., <u>Co</u>	to allot pursuant t total amo are increa <u>ntract Fun</u>	addition the solute all sed by ding, n	Section I Llotted \$9,070
	(Cor	ntinued)			
Except as provided herein, all terms and condition of the second sector is a second sector of the second seco	ons of the document referenced	in Item 9A or 10A, as her	etofore changed, rem	nains unchang	ed and in full force
15A. NAME AND TITLE OF SIGNER (T) 20 01	r print)	16A. NAME AND TITLE P. H.	_	GOFFICER	(Type or print)
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES		<b>A</b> .	16C DATE SIGNE
(Signature of person authorized to su	gn)	BY Signature	of Contracting Office		9-25-91

NSN 7540-01-152-80	70		
PREVIOUS EDITION	N UNUSABLE		
NASA-Lanalev	Overnrint	(DEC	1986)

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

FILECOPY

NAS1-18925 Modification No. 28

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,656,456. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$213,382 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

	<u>Bst. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	. 0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,869,838

AMENDMENT OF SOLICITATIO			I' CONTRACT ID CODE	PAGE OF PAGE
AMENDMENT OF SOLICITATIO	N/MODIFICATION	OF CONTRACT		
2. AMENDMENT/MODIFICATION NO.	SEP 30 1991	4. REQUISITION/PUR 9240.2081		JECT NO. (If applicable)
CODE		7. ADMINISTERED 8	(if other than item 6) C	
National Aeronautics and Spac Langley Research Center Hampton, VA 23665-5225	e Administration			•
NAME AND ADDRESS OF CONTRACTOR (No	o., street, county, State and 2	ZIP Code)	() 9A. AMENDMENT OF	F SOLICITATION NO.
	. Tuchibuba			
Research Triangl Attn: Mr. J. Sc			98. DATED (SEE ITE	M 11)
P. O. Box 12194				OF CONTRACT/ORDE
Research Triangl	e Park, NC 27	709-2194	NO.	
			x NAS1-	
			108. DATED (SEE IT	
CODE	FACILITY CODE		6/21/8	39
······································	EM ONLY APPLIES TO			<u> </u>
The above numbered solicitation is amended a tended.	is set forth in Item 14. The h	our and date specified fo	r receipt of Offers is ex	tended, L_d is not ex
Offers must acknowledge receipt of this amendmen				
(a) By completing items 8 and 15, and returning submitted; or (c) By separate letter or telegram w MENT TO BE RECEIVED AT THE PLACE DESIC IN REJECTION OF YOUR OFFER. If by virtue letter, provided each telegram or letter makes refer	hich includes a reference to the SNATED FOR THE RECEIP of this amendment you design the second sec	the solicitation and amen TOFOFFERS PRIOR T re to change an offer aire	dment numbers, FAILURE O TO THE HOUR AND DATE S adv. submitted, such change m	P YOUR ACKNOWLED PECIFIED MAY RESUL
12. ACCOUNTING AND APPROPRIATION DATA			\$29,000 ( Partia	the second se
PR9240.2081; R17030; \$1		•		;e)
13. THIS ITEM A	PPLIES ONLY TO MOD	IFICATIONS OF CO	NTRACTS/ORDERS,	
IT MODIFIES	STHE CONTRACT/ORD	ER NO. AS DESCHIL	SED IN LLEM 14. T FORTH IN ITEM 14 ARE I	MADE IN THE CON-
(V) A. THIS CHANGE ORDER IS ISSUED PUR				
B. THE ABOVE NUMBERED CONTRACT/C	DRDER IS MODIFIED TO R	EFLECT THE ADMINIS	TRATIVE CHANGES (such	as changes in paying offic
Appropriation date, etc.) SET FORTH IN I     C. THIS SUPPLEMENTAL AGREEMENT IS	TEM 14, PURSUANT TO T	HE AUTHORITY OF FA	(R 43.103(B).	
C. THIS SUPPLEMENTAL AGREEMENT IS				
D. OTHER (Specify type of modification and	l authority)			
			rn copies to the	issuing office
E IMPORTANT: Contractor X is not	1 I IS required to sign tr	us document and retu		s iasuning office.
14. DESCRIPTION OF AMENDMENT/MODIFICA I. The purpose of the incremental fundi: clause entitled, for the purposes and \$3,030, respect	is Modification ng in the amou "Limitation of of payment of ctively. Ther	n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2.,	to allot addition/contract subject to allot addition 0 pursuant to to total amounts are increased <u>Contract Fundi</u>	matter where feasible.) onal the Section I allotted by \$51,870
14. DESCRIPTION OF AMENDMENT/MODIFICA I. The purpose of th incremental fundi: clause entitled, for the purposes	is Modification ng in the amou "Limitation of of payment of ctively. Ther B. are delete	n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2.,	to allot addition/contract subject to allot addition 0 pursuant to to total amounts are increased <u>Contract Fundi</u>	matter where feasible.) onal the Section I allotted by \$51,870
I. The purpose of th incremental fundi: clause entitled, for the purposes and \$3,030, respec- paragraphs A. and	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof:	n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2.,	to allot addition/contract subject to allot addition 0 pursuant to to total amounts are increased <u>Contract Fundi</u>	matter where feasible.) onal the Section I allotted by \$51,870
I. The purpose of the incremental fundi: clause entitled, for the purposes of and \$3,030, respect paragraphs A. and is substituted in	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof: (Co	ection headings, including n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2., d in their en ntinued)	to allot addition/contract subject to allot addition of pursuant to to total amounts are increased <u>Contract Fundi</u> ntirety and the	matter where feasible.) onal the Section I allotted by \$51,870 ing, a following
14. DESCRIPTION OF AMENDMENT/MODIFICA I. The purpose of the incremental fundi: clause entitled, for the purposes of and \$3,030, respective paragraphs A. and is substituted in Except as provided herein, all terms and conditions and effect.	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof: (Co	ection headings, including n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2., d in their ex- ntinued) tin Item 9A or 10A, as head	to allot addition/contract subject to allot addition of pursuant to to total amounts are increased <u>Contract Fundi</u> ntirety and the	matter where feasible.) onal the Section I s allotted by \$51,870 ing, a following
14. DESCRIPTION OF AMENDMENT/MODIFICA I. The purpose of the incremental fundi: clause entitled, for the purposes of and \$3,030, respective paragraphs A. and is substituted in Except as provided herein, all terms and conditions	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof: (Co	ection headings, including n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2., d in their eigen ntinued) Lin Item 9A or 10A, as he 16A. NAME AND TIT	rectorer changed, remains un	matter where feasible.) onal the Section I s allotted by \$51,870 ing, a following
14. DESCRIPTION OF AMENDMENT/MODIFICA I. The purpose of the incremental fundi: clause entitled, for the purposes and \$3,030, respect paragraphs A. and is substituted in Except as provided herein, all terms and conditions and effect.	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof: (Co	ection headings, including n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2., d in their ex- ntinued) Lin Item 9A or 10A, as he 16A. NAME AND TIT P. H.	recofore changed, remains un E OF CONTRACTING OFF	matter where feasible.) onal the Section I s allotted by \$51,870 ing, a following the following
incremental fundi: clause entitled, for the purposes and \$3,030, respec paragraphs A. and is substituted in Except as provided herein, all terms and conditions and effect.	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof: (Co	ection headings, including n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2., d in their eigen ntinued) Lin Item 9A or 10A, as he 16A. NAME AND TIT	rectorore changed, remains un Le of contract subject are increased <u>Contract Fundi</u> ntirety and the eretorore changed, remains un LE OF CONTRACTING OFF <b>Clark</b>	matter where feasible.) onal the Section I s allotted by \$51,870 ing, s following
14. DESCRIPTION OF AMENDMENT/MODIFICA I. The purpose of the incremental fundi: clause entitled, for the purposes and \$3,030, respect paragraphs A. and is substituted in Except as provided herein, all terms and conditions and effect.	is Modificatio ng in the amou "Limitation of of payment of ctively. Ther B. are delete lieu thereof: (Co sof the document referenced rint)	ection headings, including n No. 29 is nt of \$54,90 Funds. The cost and fee efore, H-2., d in their ex- ntinued) lin Item 9A or 10A, as how 16A. NAME AND TIT P. H. D 16B. UNITED STATES BY	recofore changed, remains un E OF CONTRACTING OFF	matter where feasible.) onal the Section I s allotted by \$51,870 ing, a following the following

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,708,326. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$216,412 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	<i>q,,,,</i> 0	0	138,000
Mod. No. 2	Ō	Ō	Ō	Ō	62,000
Mod. No. 3	0	0	Ō	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mođ. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mođ. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mođ. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mođ. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,924,738

	TATION/MODIFICATION O	FCONTRACT	CONTRACT	D CODE PAGE OF
2. AMENDMENT/MODIFICATION NO.	· · · · · · · · · · · · · · · · · · ·	4. REQUISITION/PUR	HASE REQ. NO	). 5. PROJECT NO. (If appli
National Aeronautics an Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY	(11 other than 1	code
8. NAME AND ADDRESS OF CONTRAC	TOR (No., street, county, State and ZI	P Code)	() 9A. AME	MEMENT OF SOLICITATION
	angle Institute . Scott Merrell 194		98. DATE	C (SEE ITEM 11)
Research Tria	angle Park, NC 2770	9-2194	NO.	NFICATION OF CONTRACT/C NAS1-18925
CODE	FACILITY CODE		4	5/21/89
11. 7	HIS ITEM ONLY APPLIES TO A	MENDMENTS OF SO		
<u>_N/A</u>		· · · · · · · · · · · · · · · · · · ·		
IT MC	RACT/ORDER IS MODIFIED TO RE RTH IN ITEM 14, PURSUANT TO THE MENT IS ENTERED INTO PURSUANT ation and authority)	R NO. AS DESCRIB	ED IN ITEM	1 V 14 ARE MADE IN THE CON GES (such as changes in paying
IT MC (y) A. THIS CHANGE OFDER IS ISSU TRACT ORDER NO. IN ITEM IN B. THE ABOVE NUMBERED CONT appropriation data story SET FOR C. THIS SUPPLEMENTAL AGREEN Mutual Agreement D. OTHER (Specify to pe of modified E. IMPORTANT: Contractor is 14. DESCRIPTION OF AMENDMENT/MC The purpose of this in tracking and mar	DIFIES THE CONTRACT/ORDE ED PURSUANT TO: (Specify authorit DA. TRACT/ORDER IS MODIFIED TO REL RTH IN ITEM 14, PURSUANT TO THE MENT IS ENTERED INTO PURSUANT ation and authority) ation and authority)	R NO. AS DESCRIB y) THE CHANGES SET FLECT THE ADMINIST AUTHORITY OF FAI TO AUTHORITY OF: document and return ion headings, including coincorporation process by ta	ED IN ITEM FORTH IN ITE RATIVE CHAN 43.103(b).	2 VIJARE MADE IN THE CON GES (such as changes in paying c as to the issuing office. Tet subject matter where feasible c report to assi gnment. It is
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IT MC (y) A. THIS CHANGE ORDER IS ISSU TRACT ORDER NO. IN ITEM 10 B. THE ABOVE NUMBERED CONT appropriation date. (c.) SET FOI C. THIS SUPPLEMENTAL AGREEN X. MUTUAL AGREENTAL AGREENT D. OTHER (Specify page of modified D. OTHER (Specify page of modified I. DESCRIPTION OF AMENDMENT/MC The purpose of this in tracking and mar agreed that the cos	DIFIES THE CONTRACT/ORDE ED PURSUANT TO: (Specify authorit DA. TRACT/ORDER IS MODIFIED TO RE RATH IN ITEM 14, PURSUANT TO THE MENT IS ENTERED INTO PURSUANT ation and authority) ation and authority) anot, I is required to sign this DDIFICATION (Organized by UCF sector is modification is the agging the costing p at and fee for this on. Accordingly, the	R NO. AS DESCRIB y) THE CHANGES SET FLECT THE ADMINIST AUTHORITY OF FAIL TO AUTHORITY OF: document and return ion headings, including coincorporat process by ta contract with	ED IN ITEM FORTH IN ITE TRATIVE CHAN 43.103(b).	2 V 13 ARE MADE IN THE CON GES (such as changes in paying c 35 to the issuing office. Tersubject matter where feasible report to assi inment. It is lange as a resul
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STANDARD FORM 30 (REV
≥escribed by GSA
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## Page 2 of 3

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I. Exhibit A, <u>Contract Documentation Requirements</u> is hereby modified as follows:

A. Add the following to Part I, <u>Documentation Preparation/Submission</u> <u>Instructions</u>:

"I. <u>Costing Profile Report</u> - The contractor shall submit, not later than five (5) calendar days after the end of each calendar month, a costing profile which documents cumulative actual costs and projected monthly costs for each active task assignment through completion. This profile should also reflect the total projected monthly expenditures for all active tasks."

B. Add the following to Part II, Document Distribution Requirements:

	LETTER	CODE	AND
DOCUMENT	DISTRI	<u>SUTIO</u>	<u> </u>

Costing Profile Report B-1

II. All other provisions remain unchanged.

#### \*\*\*\*\*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	. 0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	Ō	116,300
Mod. No. 22	0	Ō	0	Ū,	575,000

Page 3 of 3

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NASA Contract NAS1-18925 Tabulation Summary									
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	<u>Funding</u>				
Mod. No. 23	0	0	0	0	100,750				
Mod. No. 24	0	0	0	0	54,000				
Mod. No. 25	0	0	0	0	81,815				
Mod. No. 26	0	0	0	0	55,700				
Mod. No. 27	0	0	0	0	372,200				
Mod. No. 28	Ō	0	0 .	0	9,600				
Mod. No. 29	Ō	0	0	0	.54,900				
Mod. No. 30	Ō	0	0	0					
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,924,738				

			CONTRACT	0.005	10000
AMENDMENT OF SOLICITATI	N/MODIFICATION	OF CONTRACT			PAGE OF PAGE
AMENDMENT/MODIFICATION NO.	NOV 07°199	4. REQUISITION/F Bee Belo	WRCHASE REQ. NO.	5. PROJEC	T NO. (If applicable)
COD	E	7. ADMINISTERED	) BY (11 other than Ite	(n 6) CODE	
National Aeronautics and Spa Langley Research Center Hampton, VA 23665-5225	ce Administratio	n			
NAME AND ADDRESS OF CONTRACTOR (N	vo., street, county, State an	d ZIP Code)	() 94. AMEN	DMENT OF SO	LICITATION NO.
Research Triangle	a Thatituta				
	ott Merrell		98. DATE	O (SEE ITEM 1)	)
P. O. Box 12194					
Research Triangle	e Park, NC 2	7709-2194	10A. MOD NO.	IFICATION OF	CONTRACT/ORDE
			x	NAS1-189	25
		· · · · · · · · · · · · · · · · · · ·		D (SEE ITEM )	(3)
	FACILITY CODE	O AMENIOMENTE O		6/21/89	
				<u>`</u>	
The above numbered solicitation is amended ended.	as set forth in Item 14. The	e hour and date specifie	d for receipt of Offers	is extend	ed, Llisnotex
Offers must acknowledge receipt of this amendme	ent prior to the hour and da	te specified in the solici	tation or as amended.	by one of the fo	lowing methods:
ubmitted; or (c) By separate letter or telegram v 4ENT TO BE RECEIVED AT THE PLACE DESI N REJECTION OF YOUR OFFER. If by virtue atter, provided each telegram or letter makes refe	IGNATED FOR THE RECE e of this amendment you de erence to the solicitation an	EIPT OF OFFERS PRIC esire to change an offer	R TO THE HOUR AN already submitted, suc	ND DATE SPEC th change may b	IFIED MAY RESUL e made by telegram o
2. ACCOUNTING AND APPROPRIATION DAT PR 9240.2092; R13600; \$9,600		240.2086: R170	77: 20.350 (	Complete)	
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	S THE CONTRACT/OF				
VI A. THIS CHANGE ORDER IS ISSUED PUF TRACT ORDER NO. IN ITEM 10A.	RSUANT TO: (Specify aut	hority) THE CHANGES	SET FORTH IN ITE	M 14 ARE MAD	EIN THE CON-
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C. THIS SUPPLEMENTAL AGREEMENT I	S ENTERED INTO PURSU	JANT TO AUTHORITY	OF:		
D. OTHER (Specify type of modification an	nd authority)		····		
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E. IMPORTANT: Contractor 🗶 is not,	is required to sign	this document and r	etura co	nies to the issu	uing office
4. DESCRIPTION OF AMENDMENT/MODIFIC					
The purpose of this mo					
in the amount of \$29,9					
"Limitation of Funds." payment of cost and fe	The total and a second	mounts allot od by \$28 28	ted for the	purpose	es of
Therefore, H-2., Contr					
their entirety and the	following is	substituted	in lieu th	nereof:	
	(00	NTINUED)			
Except as provided herein, all terms and condition and effect.	ns of the document referen				
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Except as provided herein, all terms and condition and effect. 15A. NAME AND TITLE OF SIGNER (Type or p	print)	IGA. NAME AND	TITLE OF CONTRAC		R (Type or print)
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ISA, NAME AND TITLE OF SIGNER (Type or ;	print)	IGA. NAME AND P. H NED 168. UNITED STA	TITLE OF CONTRAC		R (Type or print)

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# NAS1-18925 Modification No. 31

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$3,736,623. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$218,065 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	Ō	0	Ő	62,000
Mod. No. 3	Ō	Ō	0	Ō	0
Mod. No. 4	0	0	0	0	58,835
Mođ. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mođ. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mođ. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mođ. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mođ. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	· 0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	. 0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$3,954,688

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NAS1-18925 Modification No. 32

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,040,383. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$235,805 is obligated under this contract for payment of fee."

### \*\*\*\*\*\*

	Est. Cost	<u>Fixed Fee</u>	CPFF	Hours -	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	~ <b>0</b>	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mođ. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mođ. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	· 0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	. 0	0	54,000
Mod. No. 25	0	0	_ <b>O</b>	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$4,276,188

					5	ONTRACT ID	CODE	PAGE OF PAGE
AMENDMENT OF SOLICIT	ATION/MOD	IFICATIO	NOFC	ONTRACT	ļ		·	1 2
2. AMENDMENT/MODIFICATION NO.	3 FEFF	CO'3 195	11 4. RE	QUISITION/PUR	CHAS	E REQ. NO.	5. PROJEC	T NO. (If applicable)
5. ISSUED BY		1 0 0 IJC			3111 0	ther than Item	6)	· · · · · · · · · · · · · · · · · · ·
National Accomputing and					(1) 0		CODE	L
National Aeronautics and Langley Research Center Hampton, VA 23665-5225	Space Admi	nistratio	on					
8. NAME AND ADDRESS OF CONTRACT	OR (No., street, o	ounty. State at	nd ZIP Co	de)	(4)	9A. AMEND	MENT OF SO	LICITATION NO.
				· · · ·				-
Research Trian Attn: Mr. J.	ngle Inst Scott Me					98. DATED	CEE ITEM 1	
P. O. Box 1219						JB. DATED	SEL IIEM I	()
Research Trian	ngle Park	, NC 27	7709-	2194		10A. MODIF	CATION OF	CONTRACT/ORDE
					x		81-1892	25
					-	10B. DATED	(SEE ITEM	13)
CODE	FACILI	TY CODE				6/:	21/89	
11. TH	HIS ITEM ONL	Y APPLIES T	O AME	NDMENTS OF S	SOLIC	TATIONS		
The above numbered solicitation is am	ended as set forth	in Item 14. Th	ne hour an	d date specified fo	r recei	pt of Offers	is extend	led, Lisnote»
tended.								
Offers must acknowledge receipt of this am	endment prior to	the hour and di	ate specifi	ed in the solicitation	on or a	is amended, by	one of the fo	llowing methods:
(a) By completing Items 8 and 15, and retui								
submitted; or (c) By separate letter or tele								
MENT TO BE RECEIVED AT THE PLACE IN REJECTION OF YOUR OFFER. If by								
letter, provided each telegram or letter mak								
12. ACCOUNTING AND APPROPRIATIO	N DATA (If requi	red)						
See Page 3		,						
13. THIS I	TEM APPLIES	ONLY TO M	ODIFIC	ATIONS OF CO	NTRA	ACTS/ORDE	RS.	
	DIFIES THE CO	DNTRACT/O	RDER N	IO. AS DESCRIE	BED I	N ITEM 14.		
(V) A. THIS CHANGE ORDER IS ISSUE TRACT ORDER NO. IN ITEM 10	D PURSUANT TO	O: (Specify au	thority) T	HE CHANGES SE	TFOF	RTH IN ITEM	14 ARE MAD	E IN THE CON-
<b>X</b> B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FOR	RACT/ORDER IS TH IN ITEM 14, I	MODIFIED TO	O REFLE	CT THE ADMINIS	AR 43.	TIVE CHANGE 103(b).	ES (such as ch	anges in paying offic
C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTERE	D INTO PURS	UANT TO	AUTHORITY OF	-			
D. OTHER (Specify type of modifica	*****							
	tion and authority	<i>'</i> )						
						·		. ,,.
E. IMPORTANT: Contractor 🏝 is	not, 🛄 is re	quired to sigr	n this do	cument and retu	rn	copi	es to the issu	ung office.
14. DESCRIPTION OF AMENDMENT/MO								
The purpose of this								
in the amount of \$10								
"Limitation of Funds	s." The	total an	mount	s allotte	d f	or the j	purpose	s of
payment of cost and	fee are	increase	ed by	\$155,612	an	d \$9,08	B, resp	ectively.
Therefore, H-2., Con								
their entirety and								
		-	NTIN					
		(00						
Except as provided herein, all terms and co and effect.	nditions of the do	cument referen						
15A. NAME AND TITLE OF SIGNER (Ty	pe or print)		16A	NAME IND TIT	LE OF	CONTRACTI	NG OFFICE	R (Type or print)
				P. H.	Cla	rk .		
158. CONTRACTOR/OFFEROR	I	15C. DATE SIG	NED 16B	UNITED STATE	SOFA	MERICA		16C. DATE SIGN
			вү	Jane	$\mathbf{S}$	1. Clar	e la	
(Signature of person authorized	to sign)			(Signatur	e of C	ontracting Offi	cer)	12-3-91
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE			30 105				TANDARD F	ORM 30 (REV. 10-8
NASA-Langley Overprint (D	EC 1986)						AR (48 CFR)	

PREVIOUS EDITION			
NASA-Langley	Overprint	(DEC	1986)

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NAS1-18925 Modification No. 33

## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,195,995. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$244,893 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0		0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	. 0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mođ. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	· 0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900

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Page 3 of 3

# NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$4,440,888

Block 12 data

PR 9240.2107; R13616; \$18,900 (Complete) PR 9240.2125; R14219; \$38,300 (Complete) PR 9240.2129; R14219; \$19,500 (Complete) PR 9240.2130; R13616; \$68,000 (Complete) PR 9240.2122; R13600; \$20,000 (Complete)

AMENDMENT OF SOLICITAT	ION/MODIFICATION	F CONTRACT	LUNIKACI ID (	:002	PAGE OF P
2. AMENT MENT/MODIFICATION NO.	AN 02 1002	4. REQUISITION/PURC	SE REQ. NO.	S. PROJECT	NO. (If epplic
SISSUED BY	DDE	N/A	(If wiher than Item a	, ,	·····
National Aeronautics and S Langley Research Center Hampton, VA 23665-5225				ĆODE	L
NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and Z	IP Code)	() 94. AMENOM	ENT OF SOL	ICITATION N
Research Tria Attn: Mr. J.	ngle Institute Scott Merrell		98. DATED S	FF ITTEM 111	
P. O. Box 121					
Research Tria	ngle Park, NC 2	7709-2194	10A. MODIFIC	ATION OF	ONTRACT/O
				NAS1-18	925
			108. DATED (	SEE ITEM 13	<del>,</del>
ODE	FACILITY CODE			/21/89	
11. THIS	ITEM ONLY APPLIES TO A	MENOMENTS OF SC	LICITATIONS		
The above numbered solicitation is amend ided.	ed as set forth in Item 14. The ho	our and date specified for	receipt of Offers	is extende	d. Lis ne
bmitted: or (c) By scoarate letter or telegral ENT TO BE PECEIVED AT THE PLACE DE I REJECTION OF YOUR OFFER. If by vir tter, provided each telegram or letter makes re ACCOUNTING AND APPROPRIATION D	ESIGNATED FOR THE RECEIP" tue of this amendment you desire aference to the solicitation and th	FOF OFFERS PRIOR TO to chaoge an offer airest	THE HOUR AND E	ATE SPECIF	HED MAY RE
N/A	A (IT required)		_		
13. THIS ITER	APPLIES ONLY TO MODI	FICATIONS OF CON	TRACTS/ORDER	S,	
A. THIS CHANGE ORDER IS ISSUED P TRACT ORDER NO. IN ITEM 10A.				ARE MADE	IN THE CON
8. THE ABOVE NUMBERED CONTRAC appropriation date, stc. J SET FORTH	T/ORDER IS MODIFIED TO RE IN ITEM 14. PURSUANT TO TH	EFLECT THE ADMINIST	RATIVE CHANGES 43.103(b).	(such as char	nses in Payins (
C. THIS SUPPLEMENTAL AGREEMEN			<u></u>		
D. CTHER (Specify type of modification	and authority)				
. IMPORTANT: Contractor is not		s document and return	3 copies	to the issui	og office
4. DESCRIPTION OF AMENUMENT/MODIF					
The purpose of this	modification is	to modify th	e <u>Rights i</u>	n Data	- Gener
clause of the contra	act as follows:				
I. The Section I c	lause entitled "J	Rights in Dat	a - Genera	l (JUN	1987) -
modified by NASA FA entirety and the fo	R Supplement 18-2 llowing clause is	27.409 (e)" 1 3 substituted	s hereby d in lieu t	eleted hereof:	in its
	_	NTINUED)			
		•			
ACEDS as provided herein, all terms and condit id effect.		16A. NAME AND TITLE			
CONTRACT ADMINISTRATO				S OFFICER (	I JDE OF DRALJ
SB CONTRACTOR/OFFEROR			Clark		100 0000 000
(Signature of person authorized to s	DEC 20 1991		AMERICA A. CLAR Of Contracture Office	<u>u</u>	16C. DATE SI
ISN 7540-01-152-8070	30-	105			RM 30 (REV. )
REVIOUS EDITION UNUSABLE	100c \ <b>P</b> 10 P	proprio test		cribed by GS R (48 CFR) 5	
	を住た	COPY			

I.# RIGHTS IN DATA - GENERAL (FAR 52.227-14) (JUN 1987) ALTERNATE II (JUN 1987)--AS MODIFIED BY NASA FAR SUPPLEMENT 18-52.227-14

(a) <u>Definitions</u>.

"Computer software," as used in this clause, means computer programs, computer data bases, and documentation thereof.

"Data," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing, or management information.

"Form, fit, and function data," as used in this clause, means data relating to items, components, or processes that are sufficient to enable physical and functional interchangeability, as well as data identifying source, size, configuration, mating, and attachment characteristics, functional characteristics, and performance requirements; except that for computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formulae, and flow charts of the software.

"Limited rights," as used in this clause, means the rights of the Government in limited rights data as set forth in the Limited Rights Notice of subparagraph (g)(2) if included in this clause.

"Limited rights data," as used in this clause, means data (other than computer software) that embody trade secrets or are commercial or financial and confidential or privileged, to the extent that such data pertain to items, components, or processes developed at private expense, including minor modifications thereof.

"Restricted computer software," as used in this clause, means computer software developed at private expense and that is a trade secret; is commercial or financial and is confidential or privileged; or is published copyrighted computer software; including minor modifications of such computer software.

"Restricted rights," as used in this clause, means the rights of the Government in restricted computer software, as set forth in a Restricted Rights Notice of subparagraph (g)(3) if included in this clause, or as otherwise may be provided in a collateral agreement incorporated in and made part of this contract, including minor modifications of such computer software.

"Technical data," as used in this clause, means data (other than computer software) which are of a scientific or technical nature.

"Unlimited rights," as used in this clause, means the right of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

(b) <u>Allocation of rights</u>.

(1) Except as provided in paragraph (c) of this clause regarding copyright, the Government shall have unlimited rights in -

Data first produced in the performance of this contract;

(ii) Form, fit, and function data delivered under this contract;

(iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair of items, components, or processes delivered or furnished for use under this contract; and (iv) All other data delivered under this contract unless provided otherwise for limited rights data or restricted computer software in accordance with paragraph (g) of this clause.

(2) The Contractor shall have the right to -

(i) Use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, unless provided otherwise in paragraph (d) of this clause;

(ii) Protect from unauthorized disclosure and use those data which are limited rights data or restricted computer software to the extent provided in paragraph (g) of this clause;

(iii) Substantiate use of, add or correct limited rights, restricted rights, or copyright notices and to take other appropriate action, in accordance with paragraphs (e) and (f) of this clause; and

(iv) Establish claim to copyright subsisting in data first produced in the performance of this contract to the extent provided in subparagraph (c)(1) of this clause.

(c) <u>Copyright</u>.

(1) Data first produced in the performance of this contract. Unless provided otherwise in paragraph (d) of this clause, the Contractor may establish, without prior approval of the Contracting Officer, claim to copyright subsisting in scientific and technical articles based on or containing data first produced in the performance of this contract and published in academic, technical or professional journals, symposia proceedings or similar works. The prior, express written permission of the Contracting Officer is required to establish claim to copyright subsisting in all other data first produced in the performance of this contract. When claim to copyright is made, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship (including contract number) to the data when such data are delivered to the Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable worldwide license in such copyrighted data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the Contractor grants to the Government and others acting in its behalf, a paid-up nonexclusive, irrevocable worldwide license in such copyrighted computer software to reproduce, prepare derivative works, and perform publicly and display publicly by or on behalf of the Government.

(2) Data not first produced in the performance of this contract. The Contractor shall not, without prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract and which contains the copyright notice of 17 U.S.C. 401 or 402, unless the Contractor identifies such data and grants to the Government, or acquires on its behalf, a license of the same scope as set forth in subparagraph (c)(1) of this clause; provided, however, that if such data are computer software the Government shall acquire a copyright license as set forth in subparagraph (g)(3) of this clause if included in this contract or as otherwise may be provided in a collateral agreement incorporated in or made part of this contract.

(3) <u>Removal of copyright notices</u>. The Government agrees not to remove any copyright notices placed on data pursuant to this paragraph (c), and to include such notices on all reproductions of the data. (d) <u>Release</u>, <u>publication</u> and <u>use of data</u>.

(1) The Contractor shall have the right to use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, except to the extent such data may be subject to the Federal export control or national security laws or regulations, or unless otherwise provided in this paragraph of this clause or expressly set forth in this contract.

(2) The Contractor agrees that to the extent it receives or is given access to data necessary for the performance of this contract which contain restrictive markings, the Contractor shall treat the data in accordance with such markings unless otherwise specifically authorized in writing by the Contracting Officer.

(3) The Contractor agrees not to establish claim to copyright nor to publish or release to others any computer software first produced in the performance of this contract without the prior written permission of the Contracting Officer.

(e) <u>Unauthorized marking of data</u>.

Notwithstanding any other provisions of this contract concerning inspection or acceptance, if any data delivered under this contract are marked with the notices specified in subparagraph (g)(2) or (g)(3) of this clause and use of such is not authorized by this clause, or if such data bears any other restrictive or limiting markings not authorized by this contract, the Contracting Officer may at any time either return the data to the Contractor, or cancel or ignore the markings. However, the following procedures shall apply prior to canceling or ignoring the markings.

(i) The Contracting Officer shall make written inquiry to the Contractor affording the Contractor 30 days from receipt of the inquiry to provide written justification to substantiate the propriety of the markings;

(ii) If the Contractor fails to respond or fails to provide written justification to substantiate the propriety of the markings within the 30day period (or a longer time not exceeding 90 days approved in writing by the Contracting Officer for good cause shown), the Government shall have the right to cancel or ignore the markings at any time after said period and the data will no longer be made subject to any disclosure prohibitions.

(iii) If the Contractor provides written justification to substantiate the propriety of the markings within the period set in subdivision (e)(1)(i) of this clause, the Contracting Officer shall consider such written justification and determine whether or not the markings are to be cancelled or ignored. If the Contracting Officer determines that the markings are authorized, the Contractor shall be so notified in writing. If the Contracting Officer determines, with concurrence of the head of the contracting activity, that the markings are not authorized, the Contracting Officer shall furnish the Contractor a written determination, which determination shall become the final agency decision regarding the appropriateness of the markings unless the Contractor files suit in a court of competent jurisdiction within 90 days of receipt of the Contracting Officer's decision. The Government shall continue to abide by the markings under this subdivision (e)(1)(iii) until final resolution of the matter either by the Contracting Officer's determination becoming final (in which instance the Government shall thereafter have the right to cancel or ignore the markings at any time and the data will no longer be made subject to any disclosure prohibitions), or by final disposition of the matter by court decision if suit is filed.

(2) The time limits in the procedures set forth in subparagraph (e)(1) of this clause may be modified in accordance with agency regulations implementing

the Freedom of Information Act (5 U.S.C. 552) if necessary to respond to a request thereunder.

(3) This paragraph (e) does not apply if this contract is for a major system or for support of a major system by a civilian agency other than NASA and the U.S. Coast Guard agency subject to the provisions of Title III of the Federal Property and Administrative Services Act of 1949.

(4) Except to the extent the Government's action occurs as the result of final disposition of the matter by a court of competent jurisdiction, the Contractor is not precluded by this paragraph (e) from bringing a claim under the Contract Disputes Act, including pursuant to the Disputes clause of this contract, as applicable, that may arise as the result of the Government removing or ignoring authorized markings on data delivered under this contract.

(f) <u>Omitted or incorrect markings</u>.

(1) Data delivered to the Government without either the limited rights or restricted rights notice as authorized by paragraph (g) of this clause, or the copyright notice required by paragraph (c) of this clause, shall be deemed to have been furnished with unlimited rights, and the Government assumes no liability for the disclosure, use, or reproduction of such data. However, to the extent the data has not been disclosed without restriction outside the Government, the Contractor may request, within 6 months (or a longer time approved by the Contracting Officer for good cause shown) after delivery of such data, permission -to have notices placed on qualifying data at the Contractor's expense, and the Contracting Officer may agree to do so if the Contractor -

(i) Identifies the data to which the omitted notice is to be

applied;

(ii) Demonstrates that the omission of the notice was

inadvertent;

(iii) Establishes that the use of the proposed notice is authorized; and

(iv) Acknowledges that the Government has no liability with respect to the disclosure, use, or reproduction of any such data made prior to the addition of the notice or resulting from the omission of the notice.

(2) The Contracting Officer may also (i) permit correction at the Contractor's expense of incorrect notices if the Contractor identifies the data on which correction of the notice is to be made, and demonstrates that the correct notice is authorized, or (ii) correct any incorrect notices.

(g) <u>Protection of limited rights data and restricted computer software</u>.

(1) When data other than that listed in subdivisions (b)(1)(i), (ii), and (iii) of this clause are specified to be delivered under this contract and qualify as either limited rights data or restricted computer software, if the Contractor desires to continue protection of such data, the Contractor shall withhold such data and not furnish them to the Government under this contract. As a condition to this withholding, the Contractor shall identify the data being withheld and furnish form, fit, and function data in lieu thereof. Limited rights data that are formatted as a computer data base for delivery to the Government are to be treated as limited rights data and not restricted computer software.

(2) Notwithstanding subparagraph (g)(1) of this clause, the contract may identify and specify the delivery of limited rights data, or the Contracting Officer may require by written request the delivery of limited rights data that has been withheld or would otherwise be withholdable. If delivery of such data is so required, the Contractor may affix the following "Limited Rights Notice" to the data and the Government will thereafter treat the data, subject to the provisions of paragraphs (e) and (f) of this clause, in accordance with such Notice: (a) These data are submitted with limited rights under Government Contract No. <u>NAS1-18925</u> (and subcontract \_\_\_\_\_\_, if appropriate). These data may be reproduced and used by the Government with the express limitation that they will not, without written permission of the Contractor, be used for purposes of manufacture nor disclosed outside the Government; except that the Government may disclose these data outside the Government for the following purposes, it any, provided that the Government makes such disclosure subject to prohibition against further use and disclosure: Evaluation by non-Government evaluators.
(b) This Notice shall be marked on any reproduction of these data, in whole or in part.

# (End of Notice)

II. Section H-4., <u>Rights in Data (LaRC 52.227+90) (JUN 1988)</u> is hereby deleted in its entirety.

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i.

	<u>EstCost</u>	Fixed Fee	CPFP	Hours	Funding	
Basic						
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000	
Mod. No. 1	0	0	0	0	138,000	
Mod. No. 2	0	0	0	0	62,000	
Mod. No. 3	0	0	0	0	0	
Mod. No. 4	0	0	0	0	58,835	
Mod. No. 5	0	0	0	0	341,400	
Mod. No. 6	0	0	0	0	219,000	
Mod. No. 7	0	0	0	0	181,600	
Mod. No. 8	0	0	. 0	0	132,000	
Mod. No. 9	. 0	0	0	0	18,000	
Mod. No. 10	0	0	0	0	32,600	
Mod. No. 11	0	0	0	0	289,029	
Mod. No. 12	0	0	0	D	10,159	
Mod. No. 13	0	0	0	0	50,000	
Mod. No. 14	0	0	0	0	67,000	
Mod. No. 15	0	0	0	0	153,000	
Mod. No. 16	0	0	0	0	161,850	
Mod. No. 17	0	0	0	0	27,000	
Mod. No. 18	0	0	Ó	0	110,000	
Mod. No. 19	0	0	0	0	198,000	
Mod. No. 20	0	0	0	0	200,000	
Mod. No. 21	0	0	0	0	116,300	
Mod. No. 22	0	0	0	0	575,000	
Mod. No. 23	0	0	0	0	100,750	
Mod. No. 24	0	0	0	0	54,000	
Mod. No. 25	0	0	0	0	81,815	
Mod. No. 26	0	0	0	0	55,700	
Nod. No. 27	0	0	0	0	372,200	
Mod. No. 28	0	0	0	0	9,600	
Mod. No. 29	. 0	0	0	0	54,900	
Mod. No. 30	0	0	0	0	0.	
Mod. No. 31	0	· 0	0	0	29,950	
Mod. No. 32	0	0	0	0	321,500	
Mod. No. 33	0	0	0	0	164,700	
Mod. No. 34	0	0	0	0	0	
Total	\$10,272,000	<b>\$60</b> 0, <b>0</b> 00	\$10,872,000	182,000	\$4,440,888	

		1. CONTRACT ID	PAGE	OF PAGE		
AMENDMENT OF SOLICITATI	/MODIFICATION C				1	2
2. AMENDMENT/MODIFICATION NO.	AN 23 DATE	4. REQUISITION/PUR	CHASE REQ. NO.	5. PROJECT	NO. (If a	applicable ;
35 6. ISSUED BY		9240.1932		<u> </u>		
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225				°, CODE	L	
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State and Z	IP Code)	() 9A. AMENDA	IENT OF SOL	ICITATI	ON NO.
Research Triangle Inst Attn: Mr. J. Scott Me P. O. Box 12194 Research Triangle Park	rrell , NC 27709-2194		98. DATED (1 10A. MODIFI NO. NAS1- X 108. DATED C (21)	CATION OF 18925 (SEE ITEM 1	CONTRA	CT/ORDEF
	FACILITY CODE		6/21/	89		
11. 1HIS ITE	MONLY APPLIES TO A	AMENUMENTS OF S	ULICITATIONS			
	copies of the amendminic includes a reference to the NATED FOR THE RECEIP of this amendment you desired ince to the solicitation and the <i>(If required)</i> \$81,300 (Complete PLIES ONLY TO MODI THE CONTRACT/ORDI UANT TO: (Specify author) RDER IS MODIFIED TO REFERENT 14, PURSUANT TO THE	tent: (b) By acknowledg the solicitation and amend T OF OFFERS PRIOR T e to change an offer aired is amendment, and is red b) FICATIONS OF CON ER NO. AS DESCRIE ity) THE CHANGES SE EFLECT THE ADMINIS TE AUTHORITY OF FA	ing receipt of this am dment numbers. FAIL O THE HOUR AND ady submitted, such c seived prior to the op NTRACTS/ORDEF BED IN ITEM 14. TFORTH IN ITEM 1 TRATIVE CHANGE R 43.103(b).	endment on e LURE OF YO DATE SPECI hange may be ening hour an RS, 4 ARE MADE	ach copy UR ACKN FIED MA made by d date spe	of the offer NOWLEDG Y RESULT telegram or scified.
E. IMPORTANT: Contractor X is not, 14. DESCRIPTION OF AMENDMENT/MODIFICA	is required to sign this TION (Organized by UCF see				-	
The purpose of this mod in the amount of \$81,300 "Limitation of Funds." payment of cost and fee Therefore, H-2., <u>Contra</u> their entirety and the s	0 pursuant to The total amo are increased <u>ct Funding</u> , pa following is s	the Section unts allotte by \$76,814 ragraphs A.	I clause en d for the j and \$4,486 and B. are	ntitled purpose , respe delete	, s of ctive	
Except as provided herein, all terms and conditions and effect. 15A. NAME AND TITLE OF SIGNER (Type or pri		in Item 9A or 10A, as he				
		Panice H. Cla	ark			
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES BY Jance			16C. DA	TE SIGNE
(Signature of person authorized to sign)		(Signature	of Contracting Offic	er)	1-2	13-92
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA-Langley Overprint (DEC 19		FILE C		ANDARD FO	SA	REV. 10-83

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,272,809. The above allotment covers the following period of performance: From the effective date of the contract through November 1, 1992.

B. An additional amount of \$249,379 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mođ. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	· 0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	. 0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mođ. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950

# NASA Contract NAS1-18925 Tabulation Summary

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	. 0	0
Mod. No. 35	0	0	0	0	81,300
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$4,522,188

	ITATIC. JMODIFICATION		ONTRACT ID CODE PAGE OF PA		
AMENDMENT/MODIFICATION NO. 36	*FEB*07*1992	REQUISITION/PURCHASE REC 3400.056		OJECT NO. (V applicable)	
. ISSUED BY C	ODE 7. A	ADMINISTERED BY (Nother	than (tom 6) COL	DE	
National Aeronautics and S Langley Research Center	Space Administration				
Hampton, VA 23665-5225					
NAME AND ADDRESS OF CONTRACTO	R (No., street, county, State and ZIP C	Code) (1)	9A. AMENDMENT OF SOLIC	CITATION NO.	
Research Triangle Instit					
Attn: Mr. J. Scott Merro	ell		9B. DATED (SEE ITEM 11)		
P. O. Box 12194					
Research Triangle Park,	, NC 27709-2194	J	10A. MODIFICATION OF CON	NTRACT/ORDER NO. -18925	
CODE	FACILITY CODE	<b>`</b>	108. DATED (SEE ITEM 13) 6/2	 1/89	
	11. THIS ITEM ONLY APPLIES T				
c) By separate letter or telegram which inc NT THE PLACE DESIGNATED FOR THE R inture of this amendment you desire to cha efference to the solicitation and this amend 2. ACCOUNTING AND APPROPRIATION	ECEIPT OF OFFERS PRIOR TO THE He inge an offer already submitted , such cha fment, and is received prior to the openin	OUR AND DATE SPECIFIED I lange may be made by telegi	MAY RESULT IN REJECTION	OF YOUR OFFER. If by	
PR 3400.0564; R14458; \$207,5		·			
	13. THIS ITEM APPLIES ONLY TO M IT MODIFIES THE CONTRACT/O				
B. THE ABOVE NUMBERED CONTRA	ACT/ORDER IS MODIFIED TO REFLECT ISUANT TO THE AUTHORITY OF FAR 43.	T THE ADMINISTRATIVE CHAP 103(b).	IGES (such as changes in pay	ing office, appropriat ion date	
C. THIS SUPPLEMENTAL AGREEME	ENT IS ENTERED INTO PURSUANT TO	AUTHORITY OF:			
D. OTHER (Specify type of modificat	tion and authority)				
5					
MPORTANT: Contractor	is required to sign this down	ment and return	as to the jesuing office	<u> </u>	
E IMPORTANT: Contractor X is not.	is required to sign this docu		as to the issuing office.	va (accible)	
4. DESCRIPTION OF AMENDMENT/MOD	DIFICATION (Organized by UCF section	on headings, including solicitati	on/contract subject matter whe	·	
4. DESCRIPTION OF AMENDMENT/MOD	NFICATION <i>(Organized by UCF section</i>	on headings, including solicitations	borkcontract subject matter whe he amount of \$207,5	00 pursuant to	
4. DESCRIPTION OF AMENDMENT/MOD The purpose of this modificati the Section I clause entitled, "	NFICATION <i>(Organized by UCF sector</i> ion is to allot additional inc 'Limitation of Funds." The	on headings, including solicitation cremental funding in t total amounts allotte	on/contract subject matter whe he amount of \$207,5 I for the purposes of	00 pursuant to payment of	
4. DESCRIPTION OF AMENDMENT/MOD	NFICATION <i>(Organized by UCF section</i> ion is to allot additional inc Limitation of Funds." The \$196,051 and \$11,449, respec	en headings, including solicitation cremental funding in t total amounts allotte ctively. Therefore, H	bor/contract subject matter whe he amount of \$207,5 d for the purposes of [-2., <u>Contract Fundir</u>	00 pursuant to payment of	
4. DESCRIPTION OF AMENDMENT/MOD The purpose of this modificati the Section I clause entitled, " cost and fee are increased by \$	NFICATION <i>(Organized by UCF section</i> ion is to allot additional inc Limitation of Funds." The \$196,051 and \$11,449, respec	en headings, including solicitation cremental funding in t total amounts allotte ctively. Therefore, H	bor/contract subject matter whe he amount of \$207,5 d for the purposes of [-2., <u>Contract Fundir</u>	00 pursuant to payment of	
4. DESCRIPTION OF AMENDMENT/MOD The purpose of this modificati the Section I clause entitled, " cost and fee are increased by \$	DIFICATION <i>(Organized by UCF section</i> ion is to allot additional inc Limitation of Funds." The S196,051 and S11,449, respect entirety and the following is (Continued)	on headings, including solicitation cremental funding in t total amounts allotte ctively. Therefore, H s substituted in lieu th	borkcontract subject matter when he amount of \$207,5 d for the purposes of I-2., <u>Contract Fundir</u> hereof:	00 pursuant to payment of ng, paragraphs	
4. DESCRIPTION OF AMENDMENT/MOD The purpose of this modificati the Section I clause entitled, " cost and fee are increased by \$ A. and B. are deleted in their o	DIFICATION <i>(Organized by UCF section</i> ion is to allot additional inc Limitation of Funds." The S196,051 and S11,449, respect entirety and the following is (Continued)	en headings, including solicitation cremental funding in t total amounts allotte ctively. Therefore, H s substituted in lieu t htem 9A or 10A, as heretofor 16A. NAME AND TITLE	bov contract subject matter whe he amount of \$207,5 d for the purposes of 1-2., <u>Contract Fundin</u> nereof: the changed, remains unchange of CON RACTING OFFICER	00 pursuant to payment of ng, paragraphs ed and in full force and effect.	
4. DESCRIPTION OF AMENDMENT/MOD The purpose of this modificati the Section I clause entitled, " cost and fee are increased by S A. and B. are deleted in their of Except as provided herein, all terms and o	DIFICATION <i>(Organized by UCF section</i> ion is to allot additional inc Limitation of Funds." The S196,051 and S11,449, respect entirety and the following is (Continued)	remental funding solicitation cremental funding in t total amounts allotte ctively. Therefore, H s substituted in lieu th tem 9A or 10A, as heretofor 16A. NAME AND TITLE Panice H. 16B. UNITED STATES C	br/contract subject matter whe he amount of \$207,5 d for the purposes of I-2., <u>Contract Fundin</u> nereof: techanged, remains unchange of con RACTING OFFICER Clark	00 pursuant to payment of ng, paragraphs ed and in full force and effect.	
4. DESCRIPTION OF AMENDMENT/MOD The purpose of this modification the Section I clause entitled, " cost and fee are increased by S A. and B. are deleted in their of Except as provided herein, all terms and of the section of the sect	DIFICATION <i>(Organized by UCF section</i> ion is to allot additional inc ULimitation of Funds." The S196,051 and \$11,449, respect entirety and the following is (Continued) conditions of the document referenced in for Phint/ 15C. DATE SIGNED	eremental funding solicitation cremental funding in t total amounts allotte ctively. Therefore, H s substituted in lieu th tem 9A or 10A, as heretofor 16A. NAME AND TITLE Panice H. 16B. UNITED STATES C BY	br/contract subject matter whe he amount of \$207,5 d for the purposes of I-2., <u>Contract Fundin</u> nereof: techanged, remains unchange of con RACTING OFFICER Clark	00 pursuant to payment of ng, paragraphs ad and in full force and effect (Type or Print)	

### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,468,860. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1992.

B. An additional amount of \$260,828 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Hours Funding	
Basic	-					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$	55,000
Mod. No. 1	0	0	0	0		138,000
Mod. No. 2	0	0	0	0		62,000
Mod. No. 3	0	0	0	0		0
Mođ. No. 4	0	0	0	0		58,835
Mod. No. 5	0	0	0	0		341,400
Mod. No. 6	0	0	0	0		219,000
Mod. No. 7	0	0	0	0		181,600
Mod. No. 8	0	0	0	0		132,000
Mod. No. 9	0	0	0	0		18,000
Mod. No. 10	0	0	0	0		32,600
Mod. No. 11	0	0	0	0		289,029
Mod. No. 12	0	0	0	0		10,159
Mod. No. 13	0	0	0	0		50,000
Mod. No. 14	0	0	0	0		67,000
Mod. No. 15	0	0	0	0		153,000
Mod. No. 16	0	0	0	0		161,850
Mod. No. 17	0	0	0	0		27,000
Mod. No. 18	0	0	0	. 0		110,000
Mođ. No. 19	0	0	0	0		198,000
Mod. No. 20	0	0	0	0		200,000
Mod. No. 21	0	0	0	0		116,300
Mođ. No. 22	0	0	0	0		575,000
Mod. No. 23	0	0	0	0		100,750
Mod. No. 24	0	0	0	0		54,000
Mod. No. 25	0	0	0	0		81,815
Mod. No. 26	0	0	0	0		55,700
Mod. No. 27	0	0	0	0		372,200
Mod. No. 28	0	0	0	0		9,600
Mod. No. 29	0	0	0	0		54,900
Mod. No. 30	0	0	0	3		0
Mod. No. 31	0	0	0	0		29,950

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$4,729,688

AMENDMENT OF SOLICITATION JODIFICATION OF CONTRACT					1 ITRACT ID CO	DE	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO. 37	FEB 2	21 <b>19</b> 92	. REQUISITION/PURCH	ASE REG		5. PROJE	ECT NO.	(Il applicable)
5. ISSUED BY CO		7	ADMINISTERED BY	(If other	than Item 6)	CODE		
National Aeronautics and S Langley Research Center Hampton, VA 23665-5225	Space Admi	nistration						
NAME AND ADDRESS OF CONTRACTO	R (No., street,	county, State and Zh	P Code)	15	9A. AMENDMENT O	F SOLICITA		 ).
Research Triangle Insti	tute	-						
Attn: Mr. J. Scott Merr					9B. DATED SEE /	EM 11)		
P. O. Box 12194					1			
Research Triangle Park	, NC 27709	-2194			10A. MODIFICATION	OF CONTI	BACTION	
				J		IAS1-18		
				-	10B. DATED SEE /	EM 13) 6/21/8	0	<u> </u>
						0/21/0	· ·	
The above number solicitation is am			S TO AMENDMENTS C			atended.		is not extended.
(c) By separate letter or telegram which inc AT THE PLACE DESIGNATED FOR THE RI virture of this amendment you desire to cha reference to the solicitation and this amend 12. ACCOUNTING AND APPROPRIATION	ECEIPT OF OFF nge an offer alrea ment, and is rece	ERS PRIOR TO THE ady submitted, such	HOUR AND DATE SPE change may be made	CIFIED by teleg	MAY RESULT IN REJE	CTION OF	YOUR OF	FER. If by
See Page 3	, , , , , , , , , , , , , , , , , , ,							
			MODIFICATIONS OF					
(1) A. THIS CHANGE ORDER IS ISSUED F	PURSUANT TO :	(Spacity Authority)	THE CHANGES SET	FORTH	IN ITEM 14 ARE MADE		ONTRAC	F/ORDER NO. IN
B. THE ABOVE NUMBERED CONTRA and SET FORTH IN ITEM 14, PUR				IVE CHA	NGES <i>(such as change</i>	s in paying	office, sy	oropriat ion dat
C. THIS SUPPLEMENTAL AGREEME	INT IS ENTERE	D INTO PURSUANT	TO AUTHORITY OF:					
D. OTHER (Specify type of modificat	ion and authority							
E IMPORTANT: Contractor X is not.	in a	equired to sign this do	with the second		ies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MOD					ion/contract subject ma		iaasibla)	
							-	
The purpose of this modificati				-			-	
the Section I clause entitled, "					• •	•	•	
cost and fee are increased by <b>\$</b> A. and B. are deleted in their e		-	-			unung,	рагад	rapns
		(Continue	d)					
Except as provided herein, all terms and o	conditions of the	document referenced	in item 9A or 10A, as	heretolo	re changed, remains u	nchanged a	nd in full	force and effect
15A. NAM : AND TITLE OF SIGNER (Type					OF CONTRACTING OF Ce H. Clark			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNE	D 168. UNITED S				16C.	DATE SIGNED
(Signature of person authorized to sign	 7/			Signatur	of Contracting Officient	re		2-21-92
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE	<u> </u>		30-105					M 30 (Rev 10-83)
NASA - Langley Overprint (DEC 1986)			ľ.	1 17 17	COPY	Preacticed I FAR (48 CF		

### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,709,317. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

B. An additional amount of \$274,871 is obligated under this contract for payment of fee."

### \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours	Funding	
Basic						
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000	
Mod. No. 1	0	0	0	0	138,000	
Mod. No. 2	0	0	0	0	62,000	
Mođ. No. 3	0	0	0	0	0	
Mod. No. 4	0	0	0	0	58,835	
Mod. No. 5	0	0	0	0	341,400	
Mod. No. 6	0	0	0	0	219,000	
Mod. No. 7	0	0	0	0	181,600	
Mod. No. 8	0	0	0	0	132,000	
Mod. No. 9	0	0	0	0	18,000	
Mod. No. 10	0	0	0	0	32,600	
Mod. No. 11	0	0	0	0	289,029	
Mod. No. 12	0	0	0	0	10,159	
Mod. No. 13	0	0	0	0	50,000	
Mod. No. 14	0	0	0	0	67,000	
Mod. No. 15	0	0	0	0	153,000	
Mod. No. 16	0	0	0	0	161,850	
Mođ. No. 17	• 0	0	0	0	27,000	
Mod. No. 18	0	0	0	0	110,000	
Mod. No. 19	0	0	0	0	198,000	
Mod. No. 20	0	0	0	0	200,000	
Mod. No. 21	0	0	0	0	116,300	
Mod. No. 22	0	0	0	0	575,000	
Mod. No. 23	0	0	0	• 0	100,750	
Mod. No. 24	0	0	0	0	54,000	
Mod. No. 25	0	0	0	0	81,815	
Mod. No. 26	0	0	0	0	55,700	
Mod. No. 27	0	0	0	0	372,200	
Mod. No. 28	0	0	0	0	9,600	
Mod. No. 29	0	0	0	0	54,900	
Mod. No. 30	0	0	0	0	0	
Mod. No. 31	0	0	0	0	29,950	

# NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37		0	0	0	254,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$4,984,188

# Accounting and Appropriation:

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PR 9240.2179; R14217; \$194,400 (Complete) PR 9240.2180; R14217; \$ 46,600 (Complete) PR 9240.2184; R17076; \$ 13,500 (Complete)

AMENDMENT OF SOLICIT			ON OF CONTRA	СТ	1 CONTRACT ID CC	DE	PAGE 1	OF PAGES
, AMENDMENT/MODIFICATION NO. 38	MAR D	2 1992	4. REQUISITION/PURCH	ASE RE Page		5. PR(	DJECT NO.	. (V applicable
ISSUED BY COL	DE		7. ADMINISTERED BY	(Nothe	r than (tern 6)	COD	E	
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	pace Admini	stration						
NAME AND ADDRESS OF CONTRACTOR	(No. street co	ounty, State and .	TIP Codei	15	9A. AMENDMENT C	F SOLIC		0
Research Triangle Institu	,,			<b>1</b>				•••
Attn: Mr. J. Scott Merre					98. DATED SEE	TEM 11)		
P. O. Box 12194						·		
Research Triangle Park,	NC 27709-2	194			10A. MODIFICATION		NTRACT/0	RDER NO.
					108. DATED SEE	TEM 13)	100	
ODE	FACILITY					6/21	./89	
The above number solicitation is amer			ES TO AMENDMENTS			·		
T THE PLACE DESIGNATED FOR THE REC inture of this amendment you desire to chang eference to the solicitation and this amendm 2. ACCOUNTING AND APPROPRIATION D	ge an offer already nent, and is receive	submitted , suc id prior to the op	h change may be made	by teleg				
See Page 3		-						
			O MODIFICATIONS OF					
A THIS CHANGE ORDER IS ISSUED PU	JRSUANT TO : A	Specify Authorit)	THE CHANGES SET	FORTH	IN ITEM 14 ARE MAD	E IN THE	CONTRAC	CT/ORDER NO.
B. THE ABOVE NUMBERED CONTRAC onc) SET FORTH IN ITEM 14, PURSI				IVE CHA	NGES (such as change	es in pay	ing office, l	appropriat ion d
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED II	NTO PURSUAN	T TO AUTHORITY OF:					<u></u>
D. OTHER (Specify type of modification	on and authority)						<u></u>	
E. IMPORTANT: Contractor X is not.	is requ	aired to sign this	document and return		pies to the issuing office			
4. DESCRIPTION OF AMENDMENT/MODIF			ection headings, including				re leasible)	)
The purpose of this modificatio the Section I clause entitled, "L				-			-	
cost and fee are increased by \$1 A. and B. are deleted in their er		-	•			inding	, parag	raphs
		(Continu	ied)					
Except as provided herein, all terms and co	nditions of the de-	nument referen	ad in Item 94 or 194 or	beretal	ve changed remains	nohea	d and in F	ll forme and att
15A. NAME AND TITLE OF SIGNER (Type o					OF CONTRACTING C			
					ce H. Clark		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	···· <b>·</b>
158. CONTRACTOR/OFFEROR	1	15C. DATE SIGI	NED 168. UNITED	STATES	OF AMERICA		16C	DATE SIGNE
(Signature of parson authorized to sign)	<u>,                                    </u>			Signatur	e of Contracting Officer		- 3	5-2-92
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE			30-105					RM 30 (Pev 10-8

### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,839,136. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

B. An additional amount of \$282,452 is obligated under this contract for payment of fee."

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	Est. Cost	<u>Fixed Fee</u>	<u>CPFF</u> <u>Hour</u>		Funding	
Basic						
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000	
Mod. No. 1	0	0	0	0	138,000	
Mod. No. 2	0	0	0	0	62,000	
Mod. No. 3	0	0	0	0	0	
Mod. No. 4	0	0	0	0	58,835	
Mod. No. 5	0	0	0	0	341,400	
Mod. No. 6	0	0	0	0	219,000	
Mođ. No. 7	0	0	0	0	181,600	
Mod. No. 8	0	0	0	0	132,000	
Mod. No. 9	0	0	0	0	18,000	
Mod. No. 10	0	0	0	0	32,600	
Mod. No. 11	0	0	0	0	289,029	
Mod. No. 12	0	0	0	0	10,159	
Mod. No. 13	0	0	0	0	50,000	
Mod. No. 14	0	0	0	0	67,000	
Mod. No. 15	0	0	0	0	153,000	
Mod. No. 16	0	0	0	0	161,850	
Mod. No. 17	. 0	0	0	0	27,000	
Mod. No. 18	0	0	0	0	110,000	
Mod. No. 19	0	0	0	0	198,000	
Mođ. No. 20	0	0	0	0	200,000	
Mod. No. 21	0	0	0	0	116,300	
Mod. No. 22	0	0	0	0	575,000	
Mod. No. 23	0	0	0	0	100,750	
Mod. No. 24	0	0	0	0	54,000	
Mod. No. 25	0	0	0	0	81,815	
Mod. No. 26	0	0	0	0	55,700	
Mod. No. 27	0	0	0	0	372,200	
Mod. No. 28	0	0	0	0	9,600	
Mod. No. 29	0	0	0	0	54,900	
Mod. No. 30	0	0	0	0	0	
Mod. No. 31	0	0	0	0	29,950	

# NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	Ō	Ő	Ő	0	164,700
Mod. No. 34	0	0	Ō	0	. 0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mođ. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,121,588

# Accounting and Appropriation:

PR 9240.2191; R13599; \$50,000 (Complete) PR 9240.2195; R14219; \$37,400 (Complete) PR 9240.2198; R13599; \$50,000 (Complete)

	'MODIFICATION	N OF CONTRA	ст	1. CONTRACT ID CO	DE	PAGE 1	OF PAGES
2 AMENDMENT/MODIFICATION NO. 39	AR 10 1992 *	REQUISITION/PURCH	ASE REC		S. PRO	JECT NO.	(N applicable)
6. ISSUED BY CODE	7.	ADMINISTERED BY	(if other	than Item 6)	CODE		
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administration						
· · · · · · · · · · · · · · · · · · ·	, street county, State and ZIF	Codel	5	9A. AMENDMENT O	E SOLICE		
Research Triangle Institute				30. OMENUMENT O	r solici		2.
Attn: Mr. J. Scott Merrell				98. DATED (SEE /	TEM 11)		
P. O. Box 12194							
Research Triangle Park, NC	27709-2194			10A. MODIFICATION	OF CON	TRACT/O	RDER NO.
			1		NAS1-1	18925	
CODE	FACILITY CODE		+	10B. DATED	<i>TEM 13)</i> 6/21/	89	
11	. THIS ITEM ONLY APPLIES	TO AMENDMENTS O	F SOLIC	TATIONS			
Offers must acknowledge receipt of this amendment (a) By completing items 8 and 15, and returning (c) By separate letter or telegram which includes a r AT THE PLACE DESIGNATED FOR THE RECEIPT virture of this amendment you desire to change an o reference to the solicitation and this amendment, an	copies of the amendement elerence to the solicitation and OF OFFERS PRIOR TO THE offer already submitted, such o d is received prior to the open	; (b) By acknowledgin d amendment number HOUR AND DATE SPE hange may be made	ng receip s. FAIL CIFIED I by telegi	t of this amendment or URE OF YOUR ACKNO WAY RESULT IN REJE	DWLEDGI	by of the of EMENT TO E YOUR OF	ffer submitted; or D BE RECEIVED FFER. If by
12. ACCOUNTING AND APPROPRIATION DATA See Page 3	(If Required)						
	IS ITEM APPLIES ONLY TO MODIFIES THE CONTRACT/						
(M)       A. THIS CHANGE ORDER IS ISSUED PURSUAL         ITEM 10A.         B. THE ABOVE NUMBERED CONTRACT/ORD         (MC)         SET FORTH IN ITEM 14, PURSUANT 1		CT THE ADMINISTRAT			<u></u>		······
C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT T	O AUTHORITY OF:					
D. OTHER (Specify type of modification and a	authority)	<del>~</del>	<u> </u>				
E. IMPORTANT: Contractor X is not,	is required to sign this doe	cument and return		es to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATIO						leasible)	
The purpose of this modification is the Section I clause entitled, "Limits cost and fee are increased by \$52,200 A. and B. are deleted in their entire	ation of Funds." The 0 and \$3,048, respect	total amounts a total. Therefor	allotte re, H-2	d for the purpo ., Contract Fun	ses of j	paymen	it of
	(Continued	i)					
Except as provided herein, all terms and condition	s of the document referenced	in Item 9A or 10A, as	heretofo	re changed, remains ur	nchanged	and in full	force and effect
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AN		of contracting of ce H. Clark	FFICER	(Type or P	hinti
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY HA	TATES	DFAMERICA		16C.	DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070		30-105	Signature	of Contracting Officer)		- 3	110/92
PREMOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		FII	FC	OPY	Prescribed	ARD FORI 1 by GSA 2FR 51243	M 30 (Fev 10-83)

### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$4,891,336. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

B. An additional amount of \$285,500 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*

Basic         Contract         \$10,272,000         \$600,000         \$10,872,000         182,000         \$55,000           Mod. No. 1         0         0         0         0         0         138,000           Mod. No. 2         0         0         0         0         62,000           Mod. No. 3         0         0         0         0         62,000           Mod. No. 4         0         0         0         0         0           Mod. No. 5         0         0         0         341,400           Mod. No. 6         0         0         0         219,000           Mod. No. 7         0         0         0         182,000           Mod. No. 9         0         0         0         182,000           Mod. No. 10         0         0         0         182,000           Mod. No. 11         0         0         0         289,029           Mod. No. 12         0         0         0         10,159           Mod. No. 13         0         0         0         10,159           Mod. No. 14         0         0         0         161,850           Mod. No. 15         0         0		Est. Cost	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Contract         \$10,272,000         \$600,000         \$10,872,000         182,000         \$55,000           Mod. No. 1         0         0         0         0         138,000           Mod. No. 2         0         0         0         62,000           Mod. No. 3         0         0         0         0         0           Mod. No. 4         0         0         0         0         341,400           Mod. No. 5         0         0         0         219,000         Mod. No. 7         0         0         219,000           Mod. No. 7         0         0         0         0         181,600         Mod. No. 9         0         0         182,000           Mod. No. 10         0         0         0         0         182,000         Mod. No. 10         182,000           Mod. No. 11         0         0         0         0         182,000         Mod. No. 132,000         Mod. No. 135,000         Mod. No. 13         0         0         10,159           Mod. No. 112         0         0         0         0         153,000         Mod. No. 15,000         Mod. No. 16,850           Mod. No. 12         0         0         0         0	Basic			•		
Mod.         No.         1         0         0         0         138,000           Mod.         No.         2         0         0         0         0         62,000           Mod.         No.         3         0         0         0         0         0           Mod.         No.         4         0         0         0         0         341,400           Mod.         No.         6         0         0         0         341,400           Mod.         No.         6         0         0         0         341,400           Mod.         No.         6         0         0         0         341,600           Mod.         No.         8         0         0         0         132,000           Mod.         No.         10         0         0         0         32,600           Mod.         No.         11         0         0         0         32,600           Mod.         No.         12         0         0         0         10,159           Mod.         No.         13         0         0         0         10,159           Mod.		\$10,272,000	\$600.000	\$10.872.000	182.000	\$ 55.000
Mod.         No.         2         0         0         0         62,000           Mod.         No.         3         0         0         0         0         0           Mod.         No.         4         0         0         0         0         58,835           Mod.         No.         6         0         0         0         341,400           Mod.         No.         6         0         0         0         219,000           Mod.         No.         6         0         0         0         219,000           Mod.         No.         8         0         0         0         181,600           Mod.         No.         8         0         0         0         132,000           Mod.         No.         10         0         0         0         289,029           Mod.         No.         12         0         0         0         10,159           Mod.         No.         13         0         0         0         50,000           Mod.         No.         16         0         0         0         153,000           Mod.         No.		<i>410,272,000</i>	0	<i>410,011,000</i>	•	•
Mod.         No.         3         0         0         0         0         0         0           Mod.         No.         4         0         0         0         0         0         58,835           Mod.         No.         5         0         0         0         0         341,400           Mod.         No.         6         0         0         0         219,000           Mod.         No.         7         0         0         0         0         131,600           Mod.         No.         8         0         0         0         132,000           Mod.         No.         10         0         0         0         132,600           Mod.         No.         11         0         0         0         0         289,029           Mod.         No.         13         0         0         0         0         10,159           Mod.         No.         13         0         0         0         0         10,000           Mod.         No.         16         0         0         0         110,000           Mod.         No.         17		0	0	Ö	_	-
Mod. No. 4         0         0         0         0         58,835           Mod. No. 5         0         0         0         0         341,400           Mod. No. 6         0         0         0         219,000           Mod. No. 7         0         0         0         181,600           Mod. No. 8         0         0         0         181,600           Mod. No. 9         0         0         0         132,000           Mod. No. 10         0         0         0         132,000           Mod. No. 11         0         0         0         289,029           Mod. No. 12         0         0         0         10,159           Mod. No. 13         0         0         0         0         289,029           Mod. No. 13         0         0         0         0         10,159           Mod. No. 13         0         0         0         0         10,159           Mod. No. 14         0         0         0         0         153,000           Mod. No. 15         0         0         0         0         110,000           Mod. No. 18         0         0         0		_			_	0
Mod.         No.         5         0         0         0         0         341,400           Mod.         No.         6         0         0         0         0         219,000           Mod.         No.         7         0         0         0         0         129,000           Mod.         No.         8         0         0         0         132,000           Mod.         No.         9         0         0         0         0         132,000           Mod.         No.         10         0         0         0         132,000           Mod.         No.         11         0         0         0         289,029           Mod.         No.         12         0         0         0         10,159           Mod.         No.         13         0         0         0         0         10,159           Mod.         No.         14         0         0         0         0         153,000           Mod.         No.         16         0         0         0         161,850           Mod.         No.         17         0         0         0				Ō	-	58,835
Mod. No. 6         0         0         0         219,000           Mod. No. 7         0         0         0         181,600           Mod. No. 8         0         0         0         182,000           Mod. No. 9         0         0         0         182,000           Mod. No. 10         0         0         0         32,600           Mod. No. 11         0         0         0         32,600           Mod. No. 11         0         0         0         32,600           Mod. No. 11         0         0         0         289,029           Mod. No. 12         0         0         0         50,000           Mod. No. 13         0         0         0         50,000           Mod. No. 14         0         0         0         67,000           Mod. No. 15         0         0         0         153,000           Mod. No. 16         0         0         0         161,850           Mod. No. 18         0         0         0         18,000           Mod. No. 20         0         0         0         164,300           Mod. No. 21         0         0         0 <t< td=""><td></td><td></td><td>Ō</td><td>Ō</td><td></td><td>-</td></t<>			Ō	Ō		-
Mod. No. 7       0       0       0       0       181,600         Mod. No. 8       0       0       0       0       132,000         Mod. No. 9       0       0       0       0       132,000         Mod. No. 10       0       0       0       0       132,000         Mod. No. 11       0       0       0       0       32,600         Mod. No. 11       0       0       0       0       289,029         Mod. No. 12       0       0       0       0       289,029         Mod. No. 12       0       0       0       0       10,159         Mod. No. 13       0       0       0       0       50,000         Mod. No. 14       0       0       0       0       153,000         Mod. No. 15       0       0       0       0       161,850         Mod. No. 16       0       0       0       110,000       188,000         Mod. No. 18       0       0       0       110,000       188,000         Mod. No. 21       0       0       0       0       116,300         Mod. No. 22       0       0       0       0		Ō	Ō	Ō		•
Mod.         No.         8         0         0         0         0         132,000           Mod.         No.         9         0         0         0         0         132,000           Mod.         No.         10         0         0         0         0         18,000           Mod.         No.         11         0         0         0         0         32,600           Mod.         No.         12         0         0         0         0         289,029           Mod.         No.         12         0         0         0         0         10,159           Mod.         No.         13         0         0         0         0         50,000           Mod.         No.         14         0         0         0         0         153,000           Mod.         No.         16         0         0         0         110,000           Mod.         No.         18         0         0         0         110,000           Mod.         No.         19         0         0         0         0         198,000           Mod.         No.         23		Ō	0	0	0	
Mod. No. 9000018,000Mod. No. 10000032,600Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 13000050,000Mod. No. 140000153,000Mod. No. 150000161,850Mod. No. 160000110,000Mod. No. 170000110,000Mod. No. 180000110,000Mod. No. 190000116,300Mod. No. 210000164,300Mod. No. 230000100,750Mod. No. 240000372,200Mod. No. 250000372,200Mod. No. 270000372,200Mod. No. 280000372,200Mod. No. 29000054,900	Mod. No. 8	0	0	0	0	÷
Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 13000050,000Mod. No. 14000067,000Mod. No. 150000153,000Mod. No. 160000161,850Mod. No. 170000110,000Mod. No. 180000110,000Mod. No. 190000116,300Mod. No. 210000116,300Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 250000372,200Mod. No. 260000372,200Mod. No. 270000372,200Mod. No. 28000054,900	Mod. No. 9	0	0	0	0	
Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 13000050,000Mod. No. 14000067,000Mod. No. 150000153,000Mod. No. 160000161,850Mod. No. 170000110,000Mod. No. 180000110,000Mod. No. 190000110,000Mod. No. 210000116,300Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 250000372,200Mod. No. 260000372,200Mod. No. 270000372,200Mod. No. 28000054,900	Mod. No. 10	0	0	0	0	32,600
Mod. No. 12000010,159Mod. No. 13000050,000Mod. No. 14000067,000Mod. No. 150000153,000Mod. No. 160000161,850Mod. No. 17000027,000Mod. No. 180000110,000Mod. No. 190000110,000Mod. No. 200000116,300Mod. No. 210000116,300Mod. No. 22000057,000Mod. No. 23000054,000Mod. No. 240000372,200Mod. No. 2500009,600Mod. No. 2600009,600Mod. No. 28000054,900Mod. No. 29000054,900	Mod. No. 11	0	0	0	0	
Mod. No. 14000067,000Mod. No. 150000153,000Mod. No. 160000161,850Mod. No. 17000027,000Mod. No. 180000110,000Mod. No. 190000198,000Mod. No. 200000200,000Mod. No. 210000116,300Mod. No. 230000575,000Mod. No. 2400054,000Mod. No. 25000372,200Mod. No. 260009,600Mod. No. 270009,600Mod. No. 2800054,900	Mod. No. 12	0	0	0	0	-
Mod. No. 150000153,000Mod. No. 160000161,850Mod. No. 17000027,000Mod. No. 180000110,000Mod. No. 190000198,000Mod. No. 200000200,000Mod. No. 210000116,300Mod. No. 220000575,000Mod. No. 23000054,000Mod. No. 25000054,000Mod. No. 26000372,200Mod. No. 270009,600Mod. No. 280009,600Mod. No. 2900054,900	Mod. No. 13	0	0	0	0	50,000
Mod. No. 160000161,850Mod. No. 17000027,000Mod. No. 180000110,000Mod. No. 190000198,000Mod. No. 200000200,000Mod. No. 210000116,300Mod. No. 220000575,000Mod. No. 23000054,000Mod. No. 25000055,700Mod. No. 26000372,200Mod. No. 270009,600Mod. No. 2800054,900	Mod. No. 14	0	0	0	0	67,000
Mod. No. 16000161,850Mod. No. 1700027,000Mod. No. 18000110,000Mod. No. 190000Mod. No. 20000200,000Mod. No. 210000116,300Mod. No. 220000575,000Mod. No. 23000054,000Mod. No. 25000055,700Mod. No. 26000372,200Mod. No. 270009,600Mod. No. 2800054,900	Mod. No. 15	0	0	0	0	153,000
Mod. No. 1700027,000Mod. No. 180000110,000Mod. No. 1900000Mod. No. 200000200,000Mod. No. 2100000116,300Mod. No. 2200000575,000Mod. No. 23000054,000Mod. No. 24000054,000Mod. No. 250000372,200Mod. No. 260009,600Mod. No. 28000054,900Mod. No. 29000054,900	Mod. No. 16	0	0	0	0	•
Mod. No. 180000110,000Mod. No. 190000198,000Mod. No. 200000200,000Mod. No. 210000116,300Mod. No. 220000575,000Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 25000055,700Mod. No. 26000372,200Mod. No. 270009,600Mod. No. 2800054,900	Mod. No. 17	· 0	0	0	0	
Mod. No. 200000200,000Mod. No. 210000116,300Mod. No. 220000575,000Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 250000372,200Mod. No. 260009,600Mod. No. 270009,600Mod. No. 2800054,900	Mod. No. 18	0	0	0	0	
Mod. No. 210000116,300Mod. No. 2200000575,000Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 25000081,815Mod. No. 260000372,200Mod. No. 2700009,600Mod. No. 28000054,900	Mod. No. 19	0	0	0	0	198,000
Mod. No. 220000575,000Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 25000081,815Mod. No. 260000372,200Mod. No. 2700009,600Mod. No. 28000054,900	Mod. No. 20	0	0	0	0	200,000
Mod. No. 230000100,750Mod. No. 24000054,000Mod. No. 25000081,815Mod. No. 26000055,700Mod. No. 270000372,200Mod. No. 2800009,600Mod. No. 2900054,900	Mod. No. 21	0	0	0	0	116,300
Mod. No. 24000054,000Mod. No. 25000081,815Mod. No. 26000055,700Mod. No. 270000372,200Mod. No. 2800009,600Mod. No. 2900054,900	Mod. No. 22	0	́ О	0	0	575,000
Mod. No. 25000081,815Mod. No. 26000055,700Mod. No. 270000372,200Mod. No. 2800009,600Mod. No. 2900054,900	Mod. No. 23	0	0	0	0	100,750
Mod. No. 26000055,700Mod. No. 270000372,200Mod. No. 2800009,600Mod. No. 29000054,900	Mod. No. 24	0	0	0	0	54,000
Mod. No. 270000372,200Mod. No. 2800009,600Mod. No. 29000054,900	Mod. No. 25	0	0	0	0	81,815
Mod. No. 2800009,600Mod. No. 29000054,900	Mod. No. 26	0	0	0	0	55,700
Mod. No. 29 0 0 0 0 54,900	Mod. No. 27	0	0	0	0	372,200
		0	0	0	0	9,600
Mod. No. 30 0 0 0 0 0		0	0	0	0	54,900
	Mod. No. 30	0	0	0	0	0

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,176,836

# NASA Contract NAS1-18925 Tabulation Summary

Accounting and Appropriation:

PR 9240.2199; R14217; \$12,750 R14219; \$12,750 (Complete) PR 1500.1166; R13772; \$29,748 (Complete)

AMENDMENT OF SOLICITATIO		ON OF CO	NTRACT	1. CONTRACT ID CO	DE	PAGE	OF PAGES
	R 0 2 1992	4. REQUISITIO	N/PURCHASE REG		5. PROJ	ECT NO.	(N applicable)
6. ISSUED BY CODE	IOOL	7. ADMINISTE	RED BY (Nothe	r than Item 6)	CODE		
National Aeronautics and Space Langley Research Center Hampton, VA 23665-5225	Administration						Ĭ
8. NAME AND ADDRESS OF CONTRACTOR	, street, county, State and	ZIP Code)	(1)	9A. AMENDMENT O	FSOLICIT	ATION NO	).
Research Triangle Institute							
Attn: Mr. J. Scott Merrell				98. DATED SEE T	EM 11)		
P. O. Box 12194							
Research Triangle Park, NC 2	27709-2194		J	10A. MODIFICATION	OF CONT		IDER NO.
0005			·	108. DATED SEE I	EM 13) 6/21/8	RQ	
	FACILITY CODE	IES TO AMENI					
The above number solicitation is amended at					xtended.		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 virture 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 (# Required)							
See Page 3		<u>.</u>					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(1)       A. THIS CHANGE ORDER IS ISSUED PURSUAL         ITEM 10A.         B. THE ABOVE NUMBERED CONTRACT/ORD							
SET FORTH IN ITEM 14, PURSUANT							
C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUAN	IT TO AUTHORI	TY OF:				
D. OTHER (Specify type of modification and a	authonity)		<u></u>	. <u></u>	-		
E. IMPORTANT: Contractor X is not,	is required to sign this	document and	return coş	pies to the issuing office			
14. DESCRIPTION OF AMENDMENT/MODIFICATIO	ON (Organized by UCF.	saction heading:	, including solicita	tion/contract subject ma	uter where	teasibie)	
The purpose of this modification is the Section I clause entitled, "Limit						-	
cost and fee are increased by \$193,8					Funding	, parag	raphs
A. and B. are deleted in their entire	ty and the following	ng is substi	uted in lieu 1	thereof:			
	(Contin	ued)					
Except as provided herein, all terms and condition	ns of the document reference	ced in Item 9A o	or 10A, as heretof	ore changed, remains u	nchanged	and in full	force and effect.
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A.		e of contracting o ice H. Clark	FFICER	(Type or P	'nin()
15B. CONTRACTOR/OFFEROR	15C. DATE SIG	INED 168. BY	UNITED STATES	of AMERICA	u.		DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070	l		(Signatu)	e of Contracting Officer			1-2-92
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		30-105		CURN	Preaction	<b>ARD FOR: 1 by GSA 2FR) 53.243</b>	M 30 (Pev 10-83)

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,085,214. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

1

B. An additional amount of \$296,822 is obligated under this contract for payment of fee."

### \*\*\*\*\*

Basic	
	55,000
	38,000
Mod. No. 2 0 0 0 0	62,000
Mod. No. 3 0 0 0 0	0
	58,835
	41,400
	19,000
	81,600
	32,000
	18,000
	32,600
	89,029
	10,159
	50,000
	67,000
	53,000
	61,850
Mod. No. 17 0 0 0 0	27,000
	10,000
	98,000
	00,000
	16,300
	75,000
	00,750
	54,000
	81,815
	55,700
	72,200
Mod. No. 28 0 0 0 0	9,600
	54,900
Mod. No. 30 0 0 0 0	0

. . .

	· · · ·				
	Est. Cost	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	· <b>O</b>	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	Ó	207,500
Mod. No. 37	0	0	0 <sup>.</sup>	Ō	254,500
Mod. No. 38	. 0	0	Ō	Ō	137,400
Mod. No. 39	Ó	Ó	Ō	. 0	55,248
Mod. No. 40	0	0	Ō	Ó	205,200
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,382,036

# NASA Contract NAS1-18925 Tabulation Summary

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Accounting and Appropriation:

PR 9240.2220; R13600; \$ 51,000 (Complete) PR 9240.2212; R14217; \$154,200 (Complete)

AMENDMENT OF SOLICITATI /MODIFICATION OF CONTRA					ONTRACT ID CO	Æ	PAGE	OF PAGES
2. AMENDMENT/MODIFICATION NO.	J. EFFECTIVE		REQUISITION/PURCH		0 NO	5. 00	1 NECT NO.	3 (If applicable)
41		2 1992		0.224				(* 4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6. ISSUED BY COI	DE	7.	ADMINISTERED BY	(I othe	r than item 6)	COD	E	
National Aeronautics and S	pace Admir	nistration						
Langley Research Center	• .							
Hampton, VA 23665-5225								
8. NAME AND ADDRESS OF CONTRACTOR	R <i>(No., street</i> ,	county, State and ZIP	Code)	()	9A. AMENDMENT OF	souc	TATION N	0.
Research Triangle	e Institute							
Attn: Mr. J. Scot	t Merrell		*		9B. DATED SEE /	EM 11)		
P. O. Box 12194	a Dark NC	27700 2104						
Research Triangle	e raik, ne	27709-2194			10A. MODIFICATION		NTRACT/0 18925	RDER NO.
					10B. DATED SEE IT	EM 13)		
CODE	FACILIT	Y CODE				6/21	/89	
			TO AMENDMENTS O					
The above number solicitation is amer Offers must acknowledge receipt of this ame						xtended, followin		is not extended.
(a) By completing items 8 and 15, and returnin	ng copies	of the amendement	: (b) By acknowledgir	ng recei	pt of this amendment on	each co	py of the c	offer submitted; or
(c) By separate letter or telegram which inclu AT THE PLACE DESIGNATED FOR THE REC								
virture of this amendment you desire to chan reference to the solicitation and this amendm					ram or letter, provided	each teis	gram or le	tter makes
		· · · · · · · · · · · · · · · · · · ·						
	12. ACCOUNTING AND APPROPRIATION DATA ( <i>N Required</i> ) PR 9240.2248; R14217; <b>\$</b> 55,300 (Complete)							
	13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(I) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/CRDER NO. IN								
ITEM 10A.								
B. THE ABOVE NUMBERED CONTRAC				IVE CHA	NGES (such as change	s in pay	ing office, L	ppropriat ion date,
SET FORTH IN ITEM 14, PURS								
C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED	INTO PURSUANT T	O AUTHORITY OF:					
					<u></u>			
D. OTHER (Specify type of modificatio	on and authority)							•
			<u> </u>					
E IMPORTANT: Contractor X is not,	is re	quired to sign this do	cument and return		pies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODI	FICATION (0)	rganized by UCF sect	ion headings, including	<i>solicit</i> a	tion/contract subject ma	tter whe	re leasible)	1
				••			•	
The purpose of this modification the Section I clause entitled, "I				-			-	
cost and fee are increased by \$							• •	
A. and B. are deleted in their e		-	•				Paragi	upus
	,	5						
		(Continue	d)					
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 o	or Print)		16A. NAME AN		e of contracting of ice H. Clark	FFICER	(Type or	Print)
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNE	168. UNITED	STATES		···	16C	. DATE SIGNED
Rimen un al names auto in the	·		BY	anic	v. Clar	<u> </u>		1-12-92
Signature of person authorized to sign NSN 7540-01-152-8070					re of Contracting Officer)	STAN		RM 30 (Per 1083)
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)				11 E	COby	Prescrib	ed by GSA 3 CFFR 53.24	·
			- <b>F</b>	11 11				

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# "H-2. Contract Funding

بالمهدية التعليقي والمتعقبة فاستحد المالية فالعام

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,137,463. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

B. An additional amount of \$299,873 is obligated under this contract for payment of fee."

\*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	f 0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	. 0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	. 0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	. 0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	<b>O</b> ´	0	0	0	100,750
Mod. No. 24	· O	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	́ О	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	· 0	0	<b>O</b> `	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Total-	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,437,336

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NASA Contract NAS1-18925 Tabulation Summary

<u> </u>							
AMENDMENT OF	SOLICITAT	IC, MODIFICATI	ION OF C	ONTRACT			PAGE OF PAGES
2 AMENDMENT/MODIFICATION 42		AY 1 8 1992	4. REQUIST	ION/PURCHASE RE 9240.22		5. PROJE	CT NO. (# applicable)
3. ISSUED BY	CODE		7. ADMINIS	TERED BY (Noth	er than Item 6)	CODE	
National Aeronau	tics and Space	e Administration					
Langley Research	•						
Hampton, VA 230	665-5225						
8. NAME AND ADDRESS OF	CONTRACTOR	No., street, county, State and	d ZIP Code)	()	9A. AMENDMEN		TION NO.
Researc	h Triangle In	stitute					
Attn: M	fr. J. Scott M	errell		l l	98. DATED	E ITEM 11)	
P. O. Bo	ox 12194				-		
Researc	h Triangle Pa	ark, NC 27709-2194	4		10A. MODIFICAT		RACT/ORDER NO.
			1	NAS1 18025			
CODE FACILITY CODE					108. DATED	E ITEM 13) 6/21/8	9
		11. THIS ITEM ONLY APPI	LIES TO AME	NDMENTS OF SOL	CITATIONS		
(c) By separate letter or telegr AT THE PLACE DESIGNATED virture of this amendment you reference to the solicitation an	FOR THE RECEIP desire to change an id this amendment, a	T OF OFFERS PRIOR TO T offer already submitted, su and is received prior to the c	THE HOUR AN	D DATE SPECIFIED by be made by tele	) MAY RESULT IN P	EJECTION OF '	YOUR OFFER. If by
12. ACCOUNTING AND APPR PR 9240.2256; R1739		(If Required) Omplete)					
		THIS ITEM APPLIES ONLY T MODIFIES THE CONTRA					
B. THE ABOVE NUMBER	ED CONTRACT/O	ANT TO : (Specify Author RDER IS MODIFIED TO RE T TO THE AUTHORITY OF F					<u> </u>
C. THIS SUPPLEMENTA	LAGREEMENT IS	ENTERED INTO PURSUA	NT TO AUTHO	RITY OF:			
			<u></u>	······		<u> </u>	
D. OTHER (Specify type	e of modification and	d authonly)					
E. IMPORTANT: Contractor	X is not, [	is required to sign this	is document an	d return co	pies to the issuing of	fice.	
14. DESCRIPTION OF AMEN	IDMENT/MODIFICA	TION (Organized by UCF	section headin	gs, including solicit	ation/contract subjec	t matter where h	easible)
The purpose of this r the Section I clause e cost and fee are incre A. and B. are deleted	entitled, "Lim eased by \$90,5	itation of Funds." 514 and \$5,286, res	The total pectively.	amounts allot Therefore, H	ted for the pur- -2., Contract	rposes of p	ayment of
		. (Contin	nued)				
Except as provided herein, a	Il terms and condition	ons of the document referen	nced in Item 9/	or 10A, as hereto	fore changed, remain	ns unchanged a	nd in full force and effec
15A. NAME AND TITLE OF SK	GNER <i>(Type or Prin</i>	ηψ	164		E OF CONTRACTIN	G OFFICER	Type or Print)
158. CONTRACTOR/OFFERO	R	15C. DATE SIG	GNED 16E	UNITED STATES	S OF AMERICA		16C. DATE SIGNED
(Signature of person aut	horized to sign)	-		(Signan	Ine of Contracting Off	in	5-18-92
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE			30-105				RD FORM 30 (Pev 10-83)
NASA - Langley Overprint (D	EC 1986)			FIL	ECOPY	Prescribed   FAR (48 CF	by GSA

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,227,977. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

B. An additional amount of \$305,159 is obligated under this contract for payment of fee."

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	Est. Cost	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic				,	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	Ó	62,000
Mod. No. 3	0	0	0	0	· 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0 .	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0.	55,300
Mod. No. 42		0	0	0	95,800
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,533,136

NASA Contract NAS1-18925 Tabulation Summary

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. /	AMENDMENT OF SOLICITATION/M_JIFICATION OF CONTRACT									
2. AN	MENDMENT/MODIFICATION NO. 43	3. EFFECTIVE	DATE 4	4. REQUISITION/PURCHA 9244	SE REC		5. PRO	JECT NO.	(If applicable	9)
6. IS	SUED BY	CODE		7. ADMINISTERED BY	'lf other	than item 6)	CODE			
	National Aeronautics and Langley Research Center Hampton, VA 23665-522	r -	nistration							
8. 1	AME AND ADDRESS OF CONTRAC	TOR (No., street,	county, State and ZI	P Code)	()	9A. AMENDMENT OF	SOLICI	TATION NO		
	Research Trian	ngle Institute								
	Attn: Mr. J. So					98. DATED (SEE IT	EM 11)			
P. O. Box 12194 Research Triangle Park, NC 27709-2194										
Research Thangle Fark, NC 27709-2194					1	ICCC IT	AS1-		)ER NO.	
COD	E	FACILIT	YCODE			10B. DATED	/89			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS										
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 amendement ; (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 virture 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 Required)										
PR	9240.2300; R17077; \$81,	500 (Complet	e)							
				MODIFICATIONS OF CO						
( <b>v</b> )	A. THIS CHANGE ORDER IS ISSUE ITEM 10A.									
✓ 	B. THE ABOVE NUMBERED CONT etc) SET FORTH IN ITEM 14, PU	RACT/ORDER IS MI		CT THE ADMINISTRATIN 43.103(b).	/E CHA	NGES (such as change	s in payir	ng office, ap	propriat ion da	3 <i>t</i> 8,
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.										
14.	DESCRIPTION OF AMENDMENT/M	ODIFICATION (O	rganized by UCF se	ction headings, including :	solicital	ion/contract subject mai	ter wher	e feasible)		-
the co	e purpose of this modific e Section I clause entitled st and fee are increased by and B. are deleted in the	, "Limitation of <b>\$77,003</b> and	of Funds." Th \$4,497, respe	ne total amounts a octively. Therefor	llotte e, H-	ed for the purposed for the purpose 2., Contract Fur	ses of	paymen	it of	
			(Continu	ed)						
Ex	cept as provided herein, all terms an	d conditions of the c	•		eretofo	re changed, remains un	changed	and in full	force and effe	ect.
15A	. NAME AND TITLE OF SIGNER (Ty	rpe or Print)		16A. NAME AND		OF CONTRACTING OF ce H. Clark	FICER	(Type or Pi	int)	
158	CONTRACTOR/OFFEROR		15C. DATE SIGN	EU BY	lne		n		DATE SIGNE	
	<u>(Signature of person authorized to</u> N 7540-01-152-0070 EVIOUS EDITIONS UNUSABLE	signi	L			e of Contracting Officer)	STANC		-38-93	
	SA - Langley Overprint (DEC 1986)					FCCHY	Prescrib	d by GSA CFR) 53.243		

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,304,980. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

B. An additional amount of \$309,656 is obligated under this contract for payment of fee."

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	Ō	62,000
Mod. No. 3	0	0	0	Ō	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No14	0	0	0	0 -	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	ŋ	0	0	372,200
Mod. No. 28	0	3	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	· 0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	. 0	0	0	. 0	254,500
Mod. No. 38	0	0	0	Ő	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	. 0	0	.205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	_0	0	0	95,800
Mod. No. 43	0	<u> </u>	0	0	81,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,614,636

NASA Contract NAS1-18925 Tabulation Summary

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14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp A. and B. are deleted in their entirety and the follow	The total amounts al pectively. Therefore, wing is substituted in l tinued) enced in Item 9A or 10A, as her 16A. NAME AND SIGNED 16B. UNITED STA BY	g in the amo lotted for th H-2., Contra ieu thereof:	ount of \$16,50 the purposes of act Funding, p act Funding, p remains unchanged acting OFFICER lark	O pursuant to payment of aragraphs t and in full force and effect.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp A. and B. are deleted in their entirety and the follow (Cont Except as provided herein, all terms and conditions of the document refer 15A. NAME AND TITLE OF SIGNER (Type or Print)	al incremental fundin The total amounts al pectively. Therefore, wing is substituted in l tinued) renced in Item 9A or 10A, as here 16A. NAME AND SIGNED 16B. UNITED STA	g in the amo lotted for th H-2., Contra ieu thereof: remolore changed TITLE OF CONTF Panice H. CI TTES OF AMERIC	ount of \$16,50 te purposes of act Funding, p remains unchanged RACTING OFFICER lark	O pursuant to payment of aragraphs t and in full force and effect. (Type or Print)
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp A. and B. are deleted in their entirety and the follow (Cont Except as provided herein, all terms and conditions of the document refer	al incremental fundin The total amounts al pectively. Therefore, wing is substituted in l tinued) enced in Item 9A or 10A, as her 16A. NAME AND	g in the amo lotted for th H-2., Contra ieu thereof:	ount of \$16,50 te purposes of act Funding, p remains unchanged RACTING OFFICER	O pursuant to payment of aragraphs t and in full force and effect.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp A. and B. are deleted in their entirety and the follow (Cont Except as provided herein, all terms and conditions of the document refer	al incremental fundin The total amounts al pectively. Therefore, wing is substituted in l tinued)	g in the amo lotted for th H-2., Contra ieu thereof:	ount of \$16,50 te purposes of act Funding, p	O pursuant to payment of aragraphs t and in full force and effect.
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp A. and B. are deleted in their entirety and the follow	al incremental fundin The total amounts al pectively. Therefore, ving is substituted in l	g in the amo lotted for th H-2., Contra	ount of \$16,50 te purposes of act Funding, p	0 pursuant to payment of
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp	al incremental fundin The total amounts al pectively. Therefore,	g in the amo lotted for th H-2., Contra	ount of \$16,50 te purposes of act Funding, p	0 pursuant to payment of
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$15,590 and \$910, resp	al incremental fundin The total amounts al pectively. Therefore,	g in the amo lotted for th H-2., Contra	ount of \$16,50 te purposes of act Funding, p	0 pursuant to payment of
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC The purpose of this modification is to allot addition the Section I clause entitled, "Limitation of Funds."	al incremental fundin The total amounts al	g in the amo lotted for th	ount of \$16,50 a purposes of	0 pursuant to payment of
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UC				
	CF section headings, including s	olicitation/contrac	t subject matter wher	e leasible)
E. IMPORTANT: Contractor X is not, is required to sign t				
	this document and return	copies to the is	suing office.	
		-		
0. OTHER (Specify type of modification and authority)				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUA	ANT TO AUTHORITY OF:			
✓ etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO R		ECHANGES (suc	h as changes in payi	ng office, appropriat ion date
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify Auth	nority) THE CHANGES SET FO	RTH IN ITEM 14	ARE MADE IN THE	CONTRACT/ORDER NO. IN
	Y TO MODIFICATIONS OF CO RACT/ORDER NO. AS DESCRI		RS.	
PR 9240.2318; R17533; \$16,500 (Partial) (Task As				
2. ACCOUNTING AND APPROPRIATION DATA (If Required)				
For separate the solution of the second s	THE HOUR AND DATE SPECI such change may be made by	FIED MAY RESUI	LT IN REJECTION O	F YOUR OFFER. If by
Offers must acknowledge receipt of this amendment prior to the hour and da	ate specified in the solicitation of ement : (b) By acknowledging r	r as amended , b eceipt of this am	y one of the following	g methods: py of the offer submitted: or
The above number solicitation is amended as set forth in item 14. The	PLIES TO AMENDMENTS OF S ne hour and date specified for rec	eipt of Offers	is extended.	is not extended.
CODE FACILITY CODE			6/21	/89
		✓	NAS1-	
Research Triangle Park, NC 27709-219	94	10A. MOD		TRACT/ORDER NO.
P. O. Box 12194				
Attn: Mr. J. Scott Merrell		98. DATE	D (SEE ITEM 11)	
Research Triangle Institute	and ZIP Code)	(√) 9A. AME!	NDMENT OF SOLICI	TATION NO.
Hampton, VA 23665-5225 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State a				
Langley Research Center Hampton, VA, 23665, 5225				
National Aeronautics and Space Administration	7. ADMINISTERED BY (I	f other than item (	s) COD	E
B. ISSUED BY CODE		5e req. no. 1.2318	3. FR	NECT NO. (If applicable)
44 NOV 0 2 1992	4. REQUISITION/PURCHAS		16 000	
AMENDMENT/MODIFICATION NO. 44 3. EFFECTIVE DATE NOV 0 2 1992 CODE			6 890	PAGE OF PAGES

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,320,570. The above allotment covers the following period of performance: From the effective date of the contract through March 15, 1993.

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B. An additional amount of \$310,566 is obligated under this contract for payment of fee."

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Basic         Contract         \$10,272,000         \$600,000         \$10,872,000         182,000         \$55,000           Mod. No. 1         0         0         0         0         138,000           Mod. No. 2         0         0         0         0         62,000           Mod. No. 3         0         0         0         0         0           Mod. No. 4         0         0         0         0         0           Mod. No. 5         0         0         0         0         341,400           Mod. No. 6         0         0         0         132,000         181,600           Mod. No. 7         0         0         0         132,000         181,600           Mod. No. 8         0         0         0         132,000         132,000           Mod. No. 9         0         0         0         132,000         132,000           Mod. No. 10         0         0         0         32,600         32,600           Mod. No. 11         0         0         0         0         10,159           Mod. No. 12         0         0         0         0         50,000           Mod. No. 13		Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 1000138,000Mod. No. 2000062,000Mod. No. 300000Mod. No. 400000Mod. No. 50000341,400Mod. No. 60000132,000Mod. No. 70000132,000Mod. No. 80000181,600Mod. No. 9000032,600Mod. No. 11000010,159Mod. No. 12000050,000	Basic					
Mod. No. 1000138,000Mod. No. 2000062,000Mod. No. 300000Mod. No. 400000Mod. No. 50000341,400Mod. No. 60000132,000Mod. No. 70000132,000Mod. No. 80000181,600Mod. No. 9000032,600Mod. No. 11000010,159Mod. No. 12000050,000	Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 300000Mod. No. 4000058,835Mod. No. 50000341,400Mod. No. 60000219,000Mod. No. 70000181,600Mod. No. 80000132,000Mod. No. 9000018,000Mod. No. 100000289,029Mod. No. 11000010,159Mod. No. 1300050,000	Mod. No. 1	0	0	0	0	138,000
Mod. No. 4000058,835Mod. No. 50000341,400Mod. No. 60000219,000Mod. No. 70000181,600Mod. No. 80000132,000Mod. No. 9000018,000Mod. No. 100000289,029Mod. No. 11000010,159Mod. No. 1300050,000	Mod. No. 2	0	0	0	0	62,000
Mod. No. 50000341,400Mod. No. 60000219,000Mod. No. 70000181,600Mod. No. 80000132,000Mod. No. 9000018,000Mod. No. 100000289,029Mod. No. 11000010,159Mod. No. 1300050,000		0	0	0	0	0
Mod. No. 60000219,000Mod. No. 70000181,600Mod. No. 80000132,000Mod. No. 9000018,000Mod. No. 10000032,600Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 1300050,000	Mod. No. 4	0	0	0	0	58,835
Mod. No. 70000181,600Mod. No. 80000132,000Mod. No. 9000018,000Mod. No. 10000032,600Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 1300050,000		0	0	0	0	341,400
Mod. No. 80000132,000Mod. No. 9000018,000Mod. No. 10000032,600Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 1300050,000		0	0	0	0	219,000
Mod. No. 9000018,000Mod. No. 10000032,600Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 1300050,000		0	0	0	0	181,600
Mod. No. 1000032,600Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 1300050,000		0	0	0	0	132,000
Mod. No. 110000289,029Mod. No. 12000010,159Mod. No. 13000050,000		0	0	0	0	18,000
Mod. No. 12000010,159Mod. No. 13000050,000		0	0	0	0	
Mod. No. 13 0 0 0 0 50,000		0	0	0	0	289,029
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	Mod. No. 14	0	0	· <b>O</b>	0	67,000
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Mod. No. 17 0 0 0 0 27,000	Mod. No. 17	0	0	0	0	27,000
Mod. No. 18 0 0 0 0 110,000		0	0	0	0	
Mod. No. 19 0 0 0 198,000		0	0	0	0	198,000
Mođ. No. 20 0 0 0 200,000	Mod. No. 20	0	0	0	0	200,000
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Mod. No. 22 0 0 0 0 575,000		0	0	0	0	-
Mod. No. 23 0 0 0 0 100,750		0	0	0	0	•
Mod. No. 24 0 0 0 0 54,000		0	0	0	0	
Mod. No. 25 0 0 0 0 81,815		0	0	0	0	81,815
Mod. No. 26 0 0 0 0 55,700	Mod. No. 26	0	0	0	0	55,700
Mod. No. 27 0 0 0 0 372,200		0	0	0	0	372,200
Mod. No. 28 0 0 0 0 9,600		0	0	0	0	-
Mod. No. 29 0 0 0 0 54,900		0	0	0	0	54,900
Mod. No. 30 0 0 0 0 0	Mođ. No. 30	0	0	0	0	0

	MASA_CONCLE	ICC NASI-1092	S TADULALION 2	<u>ununary</u>	
	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	. 0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	· 0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,631,136

# NASA\_Contract NAS1-18925 Tabulation Summary

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6. ISSUED BY CO National Aeronautics and S Langley Research Center Hampton, VA 23665-5225 a. NAME AND ADDRESS OF CONTRACTOR Research Triangl Attn: Mr. J. Scot P. O. Box 12194 Research Triangle CODE CODE CODE The above number solicitation is amend Offers must acknowledge receipt of this amend (a) By completing Items 8 and 15, and returnir (c) By separate letter or telegram which inclus AT THE PLACE DESIGNATED FOR THE REC virture of this amendment you desire to changer reference to the solicitation and this amendment 12. ACCOUNTING AND APPROPRIATION D PR 3400.1047; R14458; \$200,30	3. EFFECTIV NOV 1 pace Adm pace Adm a (No., street le Institute tt Merrell e Park, NC FACILI 11. THIS nded as set for ndment prior to ng copie des a reference CEIPT OF OFF ge an offer alre ient, and is reco DATA (II Re 00 (Completion)	EDATE - 9 1992 inistration c. county, State and c. county, State and c. 27709-2194 ITY CODE ITEM ONLY APPL thin item 14. The the hour and date as of the amenderr e to the solicitation ERS PRIOR TO TI ady submitted, su eived prior to the co required) (etc)	4. REQ 7. ADM 7.	UISITION/PURCH 34 INISTERED BY 9) MENDMENTS O date specified for d in the solicitatio By acknowledgin indment numbers AND DATE SPE e may be made to	ASE RE 00.104 (If othe (If othe SOLIC eceipt on or as a greceipt on or as a greceipt on or as a greceipt on or as a greceipt on SALLONG	9A. AMENDMENT OF 9B. DATED (SEE IT 10A. MODIFICATION 10B. DATED (SEE IT 10B. DATED (SEE IT) 10B. DATED (SEE IT) 10B	1         5. PROJECT NO. (II a         CODE         CODE         F SOLICITATION NO.         FEM 11)         OF CONTRACT/ORDER         NAS1-18925         TEM 13)         6/21/89         extended, is not a following methods:         each copy of the offer su WLEDGEMENT TO BE R CTION OF YOUR OFFER.	3 applicable) NO. t extended. ubmitted; or lECEIVED . If by
45 6. ISSUED BY CO National Aeronautics and S Langley Research Center Hampton, VA 23665-5225 8. NAME AND ADDRESS OF CONTRACTOR Research Triangl Attn: Mr. J. Scot P. O. Box 12194 Research Triangle CODE CODE The above number solicitation is amer Offers must acknowledge receipt of this amer (a) By completing Items 8 and 15, and returnir (c) By separate letter or telegram which inclus AT THE PLACE DESIGNATED FOR THE REC virture of this amendment you desire to changer reference to the solicitation and this amendment 12. ACCOUNTING AND APPROPRIATION D PR 3400.1047; R14458; \$200,30	pace Adm pace Adm A (No., street le Institute tt Merrell e Park, NC FACIL 11. THIS nded as set for ndment prior to ng copie des a reference CEIPT OF OFF ge an offer alre ent, and is reco DATA (II Re 00 (Completed)	9 1992 inistration c. county, State and c. 27709-2194 TY CODE TEM ONLY APPL thin item 14. The the hour and date as of the amendem to the solicitation ERS PRIOR TO Ti ady submitted, su eived prior to the co equired) lete)	JES TO A hour and c a specified hent ; (b) HE HOUF	34( INISTERED BY MENDMENTSO date specified for d in the solicitatio By acknowledgin indment numbers AND DATE SPE e may be made to	(If othe (If othe (If othe SOLIC eceipt o o roras a great FAILU CIFIED y telegr	9A. AMENDMENT OF 9B. DATED (SEE IT 10A. MODIFICATION 10B. DATED (SEE IT 10B. DATED (SEE IT) 10B. DATED (SEE IT) 10B	CODE CODE F SOLICITATION NO. FEM 11) OF CONTRACT/ORDER NAS 1-18925 TEM 13) 6/21/89 extended, is not a following methods: the ach copy of the offer su WLEDGEMENT TO BE R CTION OF YOUR OFFER.	NO. t extended. ubmitted; or lECEIVED . If by
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	In The ITCA							
		APPLIES ONLY						
(1) A. THIS CHANGE ORDER IS ISSUED PI ITEM 10A.	URSUANT TO	Specify Author	ity) THE	CHANGES SET	ORTH	IN ITEM 14 ARE MADE	IN THE CONTRACT/ORE	JER NO. IN
B. THE ABOVE NUMBERED CONTRAC etc) SET FORTH IN ITEM 14, PURSU	CT/ORDER IS N UANT TO THE		LECT TH	E ADMINISTRAT	VECHA	NGES (such as change	es in paying office, approp	viat ion date
C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTEREI	D INTO PURSUAN	IT TO AU	THORITY OF:				
D. OTHER (Specify type of modification	on and authority	n						
E. IMPORTANT: Gontractor X is not ,	is	required to sign this	s docume	nt and return		pies to the issuing office		
14. DESCRIPTION OF AMENDMENT/MODI	FICATION (	Organized by UCF	section h	eadings, including	solicita	tion/contract subject ma	atter where (easible)	
The purpose of this modification the Section I clause entitled, "I cost and fee are increased by \$ A. and B. are deleted in their e	Limitation 189,248 ar	of Funds." nd \$11,052, r	The to respect	tal amounts ively. There	allott fore,	ed for the purpo H-2., Contract F	ses of payment of	f
		(Contir	nued)					
Except as provided herein, all terms and co		document referen	ced in Ite				nchanged and in full force FFICER (Type or Print)	and effect
15A. NAME AND TITLE OF SIGNER (Type o	or Pnnt)			IGA. NAME AN		ice H. Clark	FFICER (Type or Pnnt)	
15B. CONTRACTOR/OFFEROR		15C. DATE SIC	GNED	вү ( )	Ince		16C. DATE	E SIGNED
<u>(Signature of person authorized to sign</u> NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE	<u></u>			105	<u>signalur</u>	e of Contracting Officer)	STANDARD FORM 30 Prescribed by GSA	

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,509,818. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1993.

i

B. An additional amount of \$321,618 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*

~~~	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours		Funding
Basic						
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$	55,000
Mod. No. 1	0	0	0	0	•	138,000
Mod. No. 2	0	0	0	0		62,000
Mod. No. 3	0	0	0	0		0
Mod. No. 4	0	0	0	0		58,835
Mod. No. 5	0	0	0	0		341,400
Mod. No. 6	0	0	0	0		219,000
Mod. No. 7	0	0	0	0		181,600
Mod. No. 8	0	0	0	0		132,000
Mod. No. 9	0	0	0	0		18,000
Mod. No. 10	0	0	0	0		32,600
Mod. No. 11	0	0	0	0		289,029
Mod. No. 12	0	0	0	0		10,159
Mod. No. 13	0	0	0	0		50,000
Mod. No. 14	0	0	0	0		67,000
Mod. No. 15	0	. 0	0	0		153,000
Mod. No. 16	0	0	0	0		161,850
Mod. No. 17	0	0	0	- 0		27,000
Mod. No. 18	0	0	0	0		110,000
Mod. No. 19	0	0	0	0		198,000
Mod. No. 20	0	0	0	0		200,000
Mod. No. 21	0	0	0	0		116,300
Mod. No. 22	0	0	0	0		575,000
Mod. No. 23	0	0	0	0		100,750
Mod. No. 24	0	0	0	0		54,000
Mod. No. 25	0	0	0	0		81,815
Mod. No. 26	0	0	0	0		55,700
Mod. No. 27	0	0	0	0		372,200
Mod. No. 28	J	0	0	0		9,600
Mod. No. 29	0	0	0	0		54,900
Mod. No. 30	0	0	0	0		0

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	· <b>O</b>	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	· 0	0 ·	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	- 55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,831,436

					ONTRAC		PAGE	OF PAGES
AMENDMENT OF SOLICI	CONTRAC	T			1	0FT PAGES		
2. AMENDMENT/MODIFICATION NO. 46	JEC 02 1992	4. REQU	JISITION/PURCHA: 924(			5. PRC	JECT NO	(If applicable)
6. ISSUED BY CO	DDE	7. ADMI	NISTERED BY (	If othe	r than item 6)	COD	E	
National Aeronautics and S Langley Research Center Hampton, VA 23665-5225	pace Administration							
8. NAME AND ADDRESS OF CONTRACTO		d ZIR Code	· ·	(1)		ENT OF SOLICI		
Research Triang			/	(4)	SA. AMENUM	ENT OF SOLICI		0.
Attn: Mr. J. Sco					98 DATED	(SEE ITEM 11)		<u> </u>
P. O. Box 12194					30. 04720	1		
Research Triangl	e Park, NC 27709-2194	4					TRACTIO	
-				J		NAS1-		
CODE	FACILITY CODE	<u></u>		•	10B. DATED	(SEE ITEM 13) 6/21	/89	
	11. THIS ITEM ONLY APPL		/ENDMENTS OF :	SOLIC	ITATIONS			
(c) By separate letter or telegram which inclu AT THE PLACE DESIGNATED FOR THE RE virture of this amendment you desire to chan reference to the solicitation and this amendm 12. ACCOUNTING AND APPROPRIATION (	CEIPT OF OFFERS PRIOR TO T ge an offer already submitted, su tent, and is received prior to the c	n and amer THE HOUR uch change	ndment numbers. AND DATE SPECI may be made by	FAILU FIED I telegr	RE OF YOUR A	ACKNOWLEDGE REJECTION O	MENT TO	BE RECEIVED
PR 9240.2353; R14239; \$60,00		6)	•					
	13. THIS ITEM APPLIES ONLY IT MODIFIES THE CONTRA							
(1)       A. THIS CHANGE ORDER IS ISSUED F         ITEM 10A.       ITEM 10A.         B. THE ABOVE NUMBERED CONTRAIN	······································							·····
eic) SET FORTH IN ITEM 14, PURS	UANT TO THE AUTHORITY OF F	AR 43.103(	b).	ECHA	NGES (SUCH as	changes in payl	ng omce, a	appropriat ion date,
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUAN	NT TO AUT	HORITY OF:					
D. OTHER (Specify type of modificati	on and authority)					<u> </u>		
		•						
E. IMPORTANT: Contractor X is not ,	is required to sign thi	is documen	t and return	cop	ies to the issuin	g office.		
14. DESCRIPTION OF AMENDMENT/MOD	FICATION (Organized by UCF	section he	adings, including s	olicital	ion/contract sub	pject matter when	e (easible)	
The purpose of this modification the Section I clause entitled, " cost and fee are increased by \$ A. and B. are deleted in their of	Limitation of Funds." 56,689 and \$3,311, res	The tota pectivel	al amounts a ly. Therefore	llotto e, H-	ed for the p 2., Contrac	ourposes of	payme	nt of
	(Contin	nued)						
Except as provided herein, all terms and cr	onditions of the document referen	nced in Item	n 9A or 10A, as he	retofo	re changed, ren	nains unche igeo	and in fu	Il force and effect.
15A. NAME AND TITLE OF SIGNER (Type	or Print)	Ī	16A. NAME AND		OF CONTRACT		(Type or	Print)
158. CONTRACTOR/OFFEROR	15C. DATE SIG	GNED F	BY			Ceare		DATE SIGNED
(Signature of person authorized to sign	<u>,,                                   </u>		(Si		e of Contracting			J-J-92
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		30-1	05			Prescrib	OARD FOI ed by GSA . CFR) 53 24	<b>1M 30</b> (Rev 10-83)

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## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,566,507. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1993.

B. An additional amount of \$324,929 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours		Funding
Basic						
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$	55,000
Mod. No. 1	+,,, 0	0	<i><b>4</b>_0,0,0,2,000</i>	0	<b>T</b>	138,000
Mod. No. 2	Ō	Õ	Ō	Õ		62,000
Mod. No. 3	Ō	Ō	Ō	Ō		0
Mod. No. 4	0	Ó	0	0		58,835
Mod. No. 5	0	0	0	0		341,400
Mod. No. 6	. 0	0	0	0		219,000
Mod. No. 7	0	0	0	0		181,600
Mod. No. 8	0	0	0	0		132,000
Mod. No. 9	0	0	0	0		18,000
Mod. No. 10	0	0	0	0		32,600
Mod. No. 11	0	0	0	0		289,029
Mod. No. 12	0	0	0	_ 0		10,159
Mod. No. 13	0	0	0	0		50,000
Mod. No. 14	0	. 0	0	0		67,000
Mod. No. 15	0	0	0	0		153,000
Mod. No. 16	0	0	0	- 0		161,850
Mod. No. 17	0	· 0	0	0		27,000
Mod. No. 18	0	0	0	0		110,000
Mod. No. 19	0	0	0	0		198,000
Mod. No. 20	0	0	0	0		200,000
Mod. No. 21	0	0	0	0		116,300
Mod. No. 22	0	0	0	0		575,000
Mod. No. 23	0	0	0	0		100,750
Mod. No. 24	0	0	0	0		54,000
Mod. No. 25	0	0	0	0		81,815
Mod. No. 26	0	0	0	0		55,700
Mod. No. 27	0	0	0	0		372,200
Mod. No. 28	0	0	0	0		9,600
Mod. No. 29	0	0	0	0		54,900
Mod. No. 30	0	0	0	0		0

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	Ō	0	0.	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	. 0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	· 0	0	0	55,300
Mod. No. 42	0	0	0	0	-95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	. 0	0	0	0	60,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,891,436

NASA Contract NAS1-18925 Tabulation Summary

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AMENDMENT OF OOE	CITATIC .		ON OF CONTRA	СТ	- (FAC		PAGE OF PAGE
AMENDMENT/MODIFICATION NO. 47	3. EFFECTIVE	e date 9 <b>1</b> 992	4. REQUISITION/PURCH	ASE RE Page		5. PR	I
ISSUED BY	CODE		7. ACMINISTERED BY	(II othe	r than Item 6)	coi	
National Aeronautics and Langley Research Center Hampton, VA 23665-522	r	inistration					
B. NAME AND ADDRESS OF CONTRAC	CTOR (No., street,	, county, State and	ZIP Code)	(1)	9A. AMENDM	ENT OF SOLIC	TATION NO.
Research Tria Attn: Mr. J. S P. O. Box 1219	cott Merrell				98. DATED	(SEE ITEM 11)	
Research Triar	ngle Park, NC	27709-2194				NASI	NTRACT/ORDER NO. -18925
CODE	FACILI	TY CODE			10B. DATED	(SEE ITEM 13) 6/2	1/89
			ES TO AMENDMENTS OF	SOUC	ITATIONS		
Inture of this amendment you desire to c eference to the solicitation and this ame 2. ACCOUNTING AND APPROPRIATIC See Page 3	indment, and is rece						
-							
✓ A. THIS CHANGE ORDER IS ISSUE	IT MODIFI	ES THE CONTRAC	O MODIFICATIONS OF C CT/ORDER NO. AS DESC IV) THE CHANGES SET I	RIBED I	NITEM 14.		CONTRACT/ORDER NO
B. THE ABOVE NUMBERED CONT	IT MODIFI ED PURSUANT TO : RACT/ORDER IS N	IES THE CONTRAC (Specify Authorit MODIFIED TO REFI	CT/ORDER NO. AS DESC (y) THE CHANGES SET LECT THE ADMINISTRAT	RIBED I	N ITEM 14. IN ITEM 14 ARE		
B. THE ABOVE NUMBERED CONT	IT MODIFI ED PURSUANT TO : TRACT/ORDER IS N URSUANT TO THE A	IES THE CONTRAC (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA	CT/ORDER NO. AS DESC (y) THE CHANGES SET ( LECT THE ADMINISTRAT IR 43.103(b).	RIBED I	N ITEM 14. IN ITEM 14 ARE		
B. THE ABOVE NUMBERED CONT	IT MODIFI	ADDIFIED TO REFI AUTHORITY OF FA	CT/ORDER NO. AS DESC (y) THE CHANGES SET ( LECT THE ADMINISTRAT IR 43.103(b).	RIBED I	N ITEM 14. IN ITEM 14 ARE		
ITEM 10A. B. THE ABOVE NUMBERED CONT etc) SET FORTH IN ITEM 14, PL C. THIS SUPPLEMENTAL AGREE D. OTHER - (Specify type of modifi	IT MODIFI	(Specity Authorit (Specity Authorit AODIFIED TO REFI AUTHORITY OF FA	CT/ORDER NO. AS DESC (y) THE CHANGES SET ( LECT THE ADMINISTRAT IR 43.103(b).		N ITEM 14. IN ITEM 14 ARE	changes in pa;	
ITEM 10A.         B. THE ABOVE NUMBERED CONT         etc)       SET FORTH IN ITEM 14, PL         C. THIS SUPPLEMENTAL AGREE         D. OTHER - (Specify type of modified)	IT MODIFI	IES THE CONTRAC (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN ()	CT/ORDER NO. AS DESC (y) THE CHANGES SET LECT THE ADMINISTRAT IR 43.103(b). T TO AUTHORITY OF:		N ITEM 14. IN ITEM 14 ARE INGES <i>(such as</i>	changes in pa; g office.	ving office, appropriat ion
ITEM 10A.         B. THE ABOVE NUMBERED CONT         etc)       SET FORTH IN ITEM 14. PL         C. THIS SUPPLEMENTAL AGREE         D. OTHER - (Specify type of modified         E. IMPORTANT: Contractor       X is r	IT MODIFI	(Specify Authorit (Specify Authorit AODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN () () () () () () () () () () () () ()	CT/ORDER NO. AS DESC (y) THE CHANGES SET ( LECT THE ADMINISTRAT (R 43.103(b). T TO AUTHORITY OF: document and return section headings, including incremental fundi The total amounts bectively. Therefo ng is substituted in	CONTRACTOR FORTH IVE CHA IVE CHA IVE CHA IVE CHA IVE CHA IVE CHA IVE CHA IVE CHA IVE CHA	N ITEM 14. IN ITEM 14 ARE INGES (such as Dies to the issuin tion/contract sub the amoun ed for the p -2., Contract	changes in pa; g office. oject matter who at of \$89,3 ourposes o	ving office, appropriation ere leasible) 00 pursuant to f payment of
ITEM 10A.         B. THE ABOVE NUMBERED CONT         etc)       SET FORTH IN ITEM 14. PL         C. THIS SUPPLEMENTAL AGREE         D. OTHER - (Specify type of modified         E. IMPORTANT: Contractor         Y         IMPORTANT: Contractor         IMPORTANT: Contractor         Set FORTH IN ITEM 14. PL         C. THIS SUPPLEMENTAL AGREE         D. OTHER - (Specify type of modified         E. IMPORTANT: Contractor         Y         Intervention of the purpose of this modified         the Section I clause entitled         cost and fee are increased b	IT MODIFI	(Contin	CT/ORDER NO. AS DESC (y) THE CHANGES SET ( LECT THE ADMINISTRAT A 43.103(b). T TO AUTHORITY OF: document and return section headings, including incremental fundi The total amounts bectively. Therefo ng is substituted in ued)	Contraction of the solicitation of the solicit	NITEM 14. IN ITEM 14 ARE NGES (such as under the issuin tion/contract sub the amount ed for the p -2., Contract thereof:	changes in pay g office. oject matter who at of \$89,3 ourposes o ct Funding	ving office, appropriation ere leasible) 00 pursuant to f payment of g, paragraphs
ITEM 10A.         B. THE ABOVE NUMBERED CONT         etc)       SET FORTH IN ITEM 14. PL         C. THIS SUPPLEMENTAL AGREE         D. OTHER - (Specify type of modified         E. IMPORTANT: Contractor       X is r         14. DESCRIPTION OF AMENDMENT/M         The purpose of this modified         the Section I clause entitled         cost and fee are increased by         A. and B. are deleted in the	IT MODIFI ED PURSUANT TO : TRACT/ORDER IS N URSUANT TO THE / MENT IS ENTERED fication and authority not	(Contin	CT/ORDER NO. AS DESC (y) THE CHANGES SET ( LECT THE ADMINISTRAT (R 43.103(b). T TO AUTHORITY OF: document and return section headings, including incremental fundi The total amounts bectively. Therefo ng is substituted in ued) ced in Item 9A or 10A, as (	CONTRACTOR FORTH IVE CHA IVE C	N ITEM 14. IN ITEM 14 ARE INGES (such as Dies to the issuin tion/contract such the amoun ed for the p -2., Contract thereof:	changes in pay g office. bject matter who at of \$89,3 burposes o ct Funding nains unchange TING OFFICER	ving office, appropriation ere leasible) 00 pursuant to f payment of g, paragraphs
ITEM 10A.         B. THE ABOVE NUMBERED CONT         etc)       SET FORTH IN ITEM 14, PL         C. THIS SUPPLEMENTAL AGREE         D. OTHER - (Specify type of modified         E. IMPORTANT: Contractor         X       is r         14. DESCRIPTION OF AMENOMENT/M         The purpose of this modified         the Section I clause entitled         cost and fee are increased by         A. and B. are deleted in the         Except as provided herein, all terms and	IT MODIFI	(Contin	CT/ORDER NO. AS DESC TY) THE CHANGES SET I LECT THE ADMINISTRAT R 43.103(b). T TO AUTHORITY OF: document and return section headings, including incremental fundi The total amounts bectively. Therefo ng is substituted in ued) ted in Item 9A or 10A, as I 16A. NAME ANI NED 16B. UNITEDS BY	IVE CHA	NITEM 14. IN ITEM 14 ARE INGES (such as Dies to the issuin tion/contract such the amoun ed for the p -2., Contract thereof: re change: . ren OF CONTRACT	changes in pay	ving office, appropriation ere leasible) 00 pursuant to f payment of g, paragraphs ed and in full force and ef

## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,650,880. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1993.

B. An additional amount of \$329,856 is obligated under this contract for payment of fee."

#### \*\*\*\*\*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	Ó	Ō	Ō	Ó	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	·10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	. 0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
ModNo. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0

	NASA Contra	act NAS1-1892	25 Tabulation S	Summary	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	Ö	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	- 0	Ō	207,500
Mod. No. 37	0	0	Ō	Ō	254,500
Mod. No. 38	0	Ō	Ō	Ō	137,400
Mod. No. 39	0	Ō	Ō	Ō	55,248
Mod. No. 40	Ō	Ō	Ō	Õ	205,200
Mod. No. 41	0	0	Ō	Õ	55,300
Mod. No. 42	0	0	Ō	Ő	95,800
Mod. No. 43	Ō	Ō	Õ	Ō	81,500
Mod. No. 44	0	Ő	Ō	<b>O</b>	16,500
Mod. No. 45	Ő	0	Ő	Ō	200,300
Mod. No. 46	Ō	0	Ő	0	60,000
Mod. No. 47	Ō	0	Ő	Ō	89,300
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$5,980,736

# Accounting and Appropriation Data

PR 9240.2356; R14479; \$40,000 R14215; \$20,000 R14219; <u>\$ 5,000</u> \$65,000 (Complete) (Task Assignment No. 12)

PR 9240.2318; R17533; \$24,300 (Partial) (Task Assignment No. 19)

AMENDMENT OF SOLICIT	· · · · · · · · · · · · · · · · · · ·		т Т			PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 48	DFC 30 1992	4. REQUISITION/PURCHA	ISE REQ. 1 N/A	NO.	5. PRC	DJECT NO. (If applicable)
6. ISSUED BY CO	DE	7. ADMINISTERED BY				-
National Aeronautics and S	nace Administration			834-4	150	0
Langley Research Center	puee	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. •. •.			1
Hampton, VA 23665-5225						e e e e e e e e e
3. NAME AND ADDRESS OF CONTRACTOR	R (No., street, county, State an	d ZIP Code)	رم) ۹،	A. AMENDMENT O	F SOLICI	TATION NO.
Research Trian	-					
Attn: Mr. J. Sc			90	B. DATED (SEE )	TEM 11)	
P. O. Box 12194						
Research I hang	gle Park. NC 27709-21	.94	1 1		OF CON	TRACT/ORDER NO.
			√  _	OB. DATED (SEE )		
CODE	FACILITY CODE			08. DATED	6/21,	/89
		LIES TO AMENDMENTS OF				
The above number solicitation is amen Offers must acknowledge receipt of this amen (a) By completing Items 8 and 15, and returnin (c) By separate letter or telegram which inclue AT THE PLACE DESIGNATED FOR THE REC virture of this amendment you desire to chang reference to the solicitation and this amendm	ndment prior to the hour and dat ng copies of the amended des a reference to the solicitation CEIPT OF OFFERS PRIOR TO ge an offer already submitted, s ent, and is received prior to the	te specified in the solicitation ment ; (b) By acknowledging n and amendment numbers. THE HOUR AND DATE SPEC uch change may be made by	or as ame receipt of FAILURE IFIED MA telegram	ended , by one of the f this amendment or E OF YOUR ACKNO Y RESULT IN REJE	WLEDGE	g methods: py of the offer submitted; or MENT TO BE RECEIVED F YOUR OFFER. If by
12. ACCOUNTING AND APPROPRIATION D	ATA (If Reauired)				<u>-</u>	
	13. THIS ITEM APPLIES ONLY IT MODIFIES THE CONTR	TO MODIFICATIONS OF CO ACT/ORDER NO. AS DESCR				
() A. THIS CHANGE ORDER IS ISSUED P	URSUANT TO : (Specify Autho	rity) THE CHANGES SET F	ORTH IN I	ITEM 14 ARE MADE	IN THE C	ONTRACT/ORDER NO. IN
ITEM 10A.						
B. THE ABOVE NUMBERED CONTRAC etc) SET FORTH IN ITEM 14, PURSU	T/ORDER IS MODIFIED TO RE	FLECT THE ADMINISTRATIV	/E CHANG	GES (such as change	es in payir	ng office, appropriat ion date,
					····	
C. THIS SUPPLEMENTAL AGREEMEN NASA FAR Supplement 18						
D. OTHER (Specily type of modification	on and authority)					
E. IMPORTANT: Contractor is not,	X is required to sign th	is document and return 3	copies	s to the issuing office	).	
14. DESCRIPTION OF AMENDMENT/MODI	FICATION (Organized by UCF	section headings, including s	solicitation	vcontract subject ma	atter where	e (easible)
The purpose of this modification	on is to change the rep	porting frequency fo	r the S	ummary Subc	ontrac	t Report (SF 295)
from an annual to a quarterly b	asis. Accordingly, the	e following changes	are ma	ide to the Con	tract S	chedule:
	(Co	ontinued)				
Except a provided herein, all terms and co			eretofore o	changed, remains u	nchanged	and in full force and effect.
SA. NAME AND TITLE OF SIGNER (Type o	Dr Print) J. Scott N		TITLE OF	CONTRACTING O		
15B CONTRACTORVOFFEROR	15C. DATE SI	GNED 168. UNITED ST.		AMERICA		16C, DATE SIGNED
1. Aut IVe	nell 5.	BY	me			- 12:20-92
NSN 740-01-152-8070	<u> </u>	30-105	ignature ol	I Contracting Officer		ARD FORM 30 (Rev 10-83)
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		13 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	<u>.</u>	. 1	Prescribe	ed by GSA CFRI 53 243

1. Under Section I-2. <u>Clauses in Full Text</u>, the following clause is hereby added:

18-52.219-75 SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING REPORTING (SEPTEMBER 1992)

(a) The Contractor shall submit the Summary Subcontract Report (Standard Form [SF] 295) quarterly for the reporting periods specified in block 1.A of the form. Reports are due 30 days after the close of each reporting period.

2. All other terms and conditions of the contract remain unchanged.

### \*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic			-		
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	¢10,072,000 0	102,000	138,000
Mod. No. 2	0	Ō	0	Ő	62,000
Mod. No. 3	0	0	Ō	Ő	02,000
Mod. No. 4	0	0	Ō	0	58,835
Mod. No. 5	0	0	0	Ő	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	. 0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	. 0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24 Mod. No. 25	0	0	0	0	54,000
Mod. No. 25 Mod. No. 26	0	0	0	0	81,815
Mod. No. 28 Mod. No. 27	0	0	0	0	55,700
Mod. No. 27 Mod. No. 28	0	0	0	0	372,200
Mod. No. 29	0	0	0	0	9,600
Mod. No. 30	0	· 0	0	0	54,900
Mod. No. 31	0	0	0	0	0
Mod. No. 32	0	0	0	0	29,950
Mod. No. 33	0	0	0	0	321,500
Mod. No. 34	0	0	0	0	164,700
Mod. No. 35	0	0	0	0	0
Mod. No. 36	0	0	0	0 0	81,300 207,500
Mod. No. 37	0	0	0	0	254,500
	0	0	0	. 0	234,300

	NASA Contra	<u>ct NAS1-1892</u>	25 Tabulation	Summary	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 38 Mod. No. 39 Mod. No. 40 Mod. No. 41 Mod. No. 42 Mod. No. 43 Mod. No. 43 Mod. No. 44 Mod. No. 45 Mod. No. 46 Mod. No. 47		0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	137,400 55,248 205,200 55,300 95,800 81,500 16,500 200,300 60,000 89,300
Mod. No. 48 Total	<u>0</u> \$10,272,000	<u>0</u> \$600,000	0 \$10,872,000	<u>0</u> 182,000	<u>0</u> \$5,980,736

	AMENDMENT OF SOL	CITATIC	ODIFICATI	ON OF CONTR	ACT	1. TRACT ID COD	E PAGE	OF PAGES
. AN	MENDMENT/MODIFICATION NO. 49	3. EFFEC		4. REQUISITION/PUR	CHASE REC 240.235		5. PROJECT NO	
i. IS	SUED BY	CODE		7. ADMINISTERED B	Y (If other	than Item 6)	CODE	······································
	National Aeronautics an Langley Research Cente Hampton, VA 23665-52	r	lministration					
8. 1	NAME AND ADDRESS OF CONTRA	CTOR (No., st	reet, county, State and	ZIP Code)	()	9A. AMENDMENT OF	SOLICITATION	NO.
	Research Tria Attn: Mr. J. S P. O. Box 121	Scott Merre				98. DATED (SEE ITE	EM 11)	
	Research Tria	ngle Park, l	NC 27709-2194		1	-	AS1-18925	
	DE	FA		<del>,</del>		10B. DATED (SEE ITE	м 13) 6/21/89	
		L		ES TO AMENDMENTS	SOF SOLIC	L		
2.	ACCOUNTING AND APPROPRIATI 9240.2357; R14219; \$8,0	on data (1 000; R1421	(Required) 7;\$8,000;R175	35; \$7,900 (Con	nplete) (			
				TO MODIFICATIONS O CT/ORDER NO. AS DE				
	A. THIS CHANGE ORDER IS ISSU ITEM 10A. B. THE ABOVE NUMBERED CON	TRACT/ORDER	IS MODIFIED TO REF	LECT THE ADMINISTR				
$\checkmark$	etc) SET FORTH IN ITEM 14, P	URSUANT TO T						
√ 		• • ·						
✓ 	eic) SET FORTH IN ITEM 14. P	EMENT IS ENTE	RED INTO PURSUAN					
	etc) SET FORTH IN ITEM 14, P C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modi	EMENT IS ENTE	RED INTO PURSUAN ority)			ies to the issuing office.		
	etc) SET FORTH IN ITEM 14, P C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modi	EMENT IS ENTE	RED INTO PURSUAN ority) is required to sign this	T TO AUTHORITY OF:	cop	ies to the issuing office. tion/contract subject matt	er where feasible	9)
14. Th the	etc) SET FORTH IN ITEM 14, P C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modi MPORTANT: Contractor X is	EMENT IS ENTE fication and auth not, WODIFICATION cation is to d. "Limitati by \$22,581	RED INTO PURSUAN ority) is required to sign this (Organized by UCF) allot additional on of Funds."	T TO AUTHORITY OF: s document and retum section headings, includ incremental fur The total amoun pectively. There	ding solicitat nding in its allotte cfore, H-	tion/contract subject matt the amount of \$2 ed for the purpos 2., Contract Fun	23,900 purs es of paym	suant to ent of
14. Th the	etc) SET FORTH IN ITEM 14, P C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modi MPORTANT: Contractor X is DESCRIPTION OF AMENDMENT/P DESCRIPTION OF AMENDMENT/P DESCRIPTION OF AMENDMENT/P DESCRIPTION I Clause entitled ost and fee are increased b	EMENT IS ENTE fication and auth not, WODIFICATION cation is to d. "Limitati by \$22,581	RED INTO PURSUAN ority) is required to sign this (Organized by UCF) allot additional on of Funds."	T TO AUTHORITY OF: s document and retum section headings, includ incremental fur The total amoun pectively. There ng is substituted	ding solicitat nding in its allotte cfore, H-	tion/contract subject matt the amount of \$2 ed for the purpos 2., Contract Fun	23,900 purs es of paym	suant to ent of
14. Th the co A.	etc) SET FORTH IN ITEM 14, P C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modi MPORTANT: Contractor X is DESCRIPTION OF AMENDMENT/P the purpose of this modifie e Section I clause entitled st and fee are increased to and B. are deleted in the cept as provided herein, all terms a	EMENT IS ENTE fication and auth not.	RED INTO PURSUAN ority) is required to sign this (Organized by UCF) allot additional on of Funds." 7 and \$1,319, resp and the followin (Contin	T TO AUTHORITY OF: a document and retum section headings, includ incremental fur The total amoun bectively. There ng is substituted nued) ced in ltem 9A or 10A.	ding solicitat nding in its allotte fore, H- l in lieu as h-retolo	tion/contract subject matt the amount of \$2 ed for the purpos 2., Contract Fun thereof: re changed, remains unc	23,900 purs ies of paym ding, parag changed and in 1	suant to ent of graphs fuil force and effec
14. Th co A. Ex	etc) SET FORTH IN ITEM 14, P C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modi MPORTANT: Contractor X is DESCRIPTION OF AMENDMENT/I the purpose of this modifi- e Section I clause entitled tots and fee are increased b and B, are deleted in the	EMENT IS ENTE fication and auth not.	RED INTO PURSUAN ority) is required to sign this (Organized by UCF) allot additional on of Funds." 7 and \$1,319, resp and the followin (Contin	T TO AUTHORITY OF: document and retum section headings, includ incremental fur The total amoun pectively. There ng is substituted nued) ced in Item 9A or 10A. 16A. NAME	ding solicitat nding in its allotto efore, H- l in lieu as h-retofo AND TITLE Pani	tion/contract subject matt the amount of \$2 ed for the purpos 2., Contract Fun thereof:	23,900 purs ies of paym ding, parag changed and in 1	suant to ent of graphs fuil force and effec

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## "H-2. Contract Funding

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"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,673,461. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1993.

B. An additional amount of \$331,175 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28 Mod. No. 29	0	0	0	0	9,600
Mod. No. 29 Mod. No. 30	0	0	0	0	-54,900
Mod. No. 30 Mod. No. 31	0	0	0	0	
Mod. No. 31 Mod. No. 32	0	0	•	0	29,950
Mod. No. 32 Mod. No. 33	0	0	0	0	321,500
Mod. No. 33 Mod. No. 34	0	0	0	0	164,700 0
Mod. No. 34 Mod. No. 35	0	0 0	0	0	81,300
Mod. No. 35 Mod. No. 36			0	0	207,500
Mod. No. 37	0	0		0	254,500
MOU. NO. 57	0	0	0	U	234,300

Page 3 of 3

1

	NASA Contra	act NAS1-1892	25 Tabulation	Summary	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 38 Mod. No. 39 Mod. No. 40 Mod. No. 41 Mod. No. 42 Mod. No. 43 Mod. No. 43 Mod. No. 44 Mod. No. 45 Mod. No. 45 Mod. No. 47 Mod. No. 48		0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0		137,400 55,248 205,200 55,300 95,800 81,500 16,500 200,300 60,000 89,300
Mod. No. 49 Total	0 \$10,272,000	0 \$600,000	0 \$10,872,000	<u>0</u> 182,000	<u>23,900</u> \$6,004,636

		IODIFICATI		CONTRAC	т	INTRACT ID CO		AGE OF PAGES
AMENDMENT/MODIFICATION NO.	3. EFFECTIV	1 <b>1993</b>	4. REQU	ISITION/PURCHAS			5. PROJE	CT NO. (If applicabl
ISSUED BY			7. ADMI	NISTERED BY (	if other	than Item 6)	CODE	
National Aeronautics and Langley Research Center Hampton, VA 23665-522	-	inistration						
8. NAME AND ADDRESS OF CONTRAC	TOR (No., stree	t, county, State and	d ZIP Code)	,	(م)	9A. AMENDMENT C	F SOLICITA	TION NO.
Research Triar Attn: Mr. J. So P. O. Box 1219	ott Merrell	2				9B. DATED (SEE	ITEM 11)	
Research Trian		27709-2194	4		<b>v</b>		NASI-18	
	]				¥	10B. DATED (SEE	ітем 13) 6/21/8	9
		LITY CODE			SOLIC			···
AT THE PLACE DESIGNATED FOR THE virture of this amendment you desire to ch reference to the solicitation and this amen 12. ACCOUNTING AND APPROPRIATIO	ange an offer alre norment, and is rec	eady submitted , su	uch change	e may be made by	telegr	am or letter, provided	each telegra	im or letter makes
See Page 3		·						
	13. THIS ITE	MAPPLIES ONLY				CTS/ORDERS,		
ITEM 10A.       J. THE ABOVE NUMBERED CONT       erc)       SET FORTH IN ITEM 14, PL					/E CHA	NGES (such as chan	ges in paying	office, appropriat ion
C. THIS SUPPLEMENTAL AGREE	MENT IS ENTERI	ED INTO PURSUA	NT TO AUT	THORITY OF:	<u> </u>			
D. OTHER (Specify type of modifi	cation and author	ity)						
E. IMPORTANT: Contractor X is r	not. 🚺 is	s required to sign th	nis documer	nt and return	00	cies to the issuing offi	ce.	
14. DESCRIPTION OF AMENDMENT/M	ODIFICATION	(Organized by UCI	F section he	eadings, including	solicita	tion/contract subject /	natter where i	easible)
The purpose of this modific	, "Limitatio	n of Funds."	The to	tal amounts a	allott fore,	ed for the purp H-2., Contract	oses of p	ayment of
the Section I clause entitled cost and fee are increased b A. and B. are deleted in the	y \$223,356 a ir entirety a	and \$13,044, nd the follow	ving is s	ubstituted in	lieu	thereof:		
cost and fee are increased b A. and B. are deleted in the	ir entirety a	nd the follow (Conti	ving is s inued)	ubstituted in				
cost and fee are increased b	ir entirety a	nd the follow (Conti	ving is s inued)	ubstituted in m 9A or 10A, as h	eretof	pre changed, remains		and in full force and e
cost and fee are increased b A. and B. are deleted in the	ir entirety and conditions of the	nd the follow (Conti	ving is s inued)	ubstituted in m 9A or 10A, as h	) TITLE			und in full force and e
cost and fee are increased b A. and B. are deleted in the Except as provided herein, all terms ar	ir entirety and conditions of the	nd the follow (Conti	ving is s inued) enced in Ite	m 9A or 10A, as h 16A. NAME AND 16B. UNITED S BY	TATES	OF CONTRACTING ICE H. Clark	OFFICER (	und in full force and e

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Page 2 of 3

## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,896,817. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1993.

B. An additional amount of \$344,219 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					·
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	<i>, , , , , , , , , , , , , , , , , , , </i>	0	0	0	138,000
Mod. No. 2	0	Ō	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	Ō	0	0	58,835
Mod. No. 5	Õ	0	0	0	341,400
Mod. No. 6	Ō	0	0	0	219,000
Mod. No. 7	0 0	0	0	0	181,600
Mod. No. 8	Ō	0	0	0	132,000
Mod. No. 9	Ō	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	· 0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mci. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500

Total

NASA Contract NAS1-18925 Tabulation Summary Funding Est. Cost Hours Fixed Fee CPFF Mod. No. 38 0 0 0 137,400 0 Mod. No. 39 0 0 0 0 55,248 Mod. No. 40 0 0 0 205,200 0 Mod. No. 41 0 55,300 0 0 0 Mod. No. 42 0 95,800 0 0 0 0 Mod. No. 43 0 0 0 81,500 Mod. No. 44 0 0 16,500 0 0 Mod. No. 45 Mod. No. 46 200,300 0 0 0 0 0 0 0 0 60,000 Mod. No. 47 0 0 0 89,300 0 Mod. No. 48 0 0 0 0 0 Mod. No. 49 23,900 0 0 0 0 Mod. No. 50 236,400 0 0 0 0

\$10,872,000

\$600,000

PR Accounting and Appropriation Data

\$10,272,000

9240.2370; R14219; \$ 55,400 (Complete) Task 24 9240.2371; R14219; \$181,000 (Complete) Task 27

### Page 3 of 3

182,000

\$6,241,036

There is no Modification #51

Modifications were inadvertently numbered

A INDMENT OF SOLICITATIC"MO	CONTRACT	1. CONTRACT ID CO	DE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NC. 52 FEB02	ATE 4. REQU	JISITION/PURCHASE P 9240.2		s. PROJE	
6. ISSUED BY CODE	7. ADM	NISTERED BY (If of	her than Item 6)	CODE	
National Aeronautics and Space Admini Langley Research Center Hampton, VA 23665-5225	istration				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, co	ounty. State and ZIP Code	) )	9A. AMENDMENT OF	SOLICITA	TION NO.
Research Triangle Institute		, <u> </u>			
Attn: Mr. J. Scott Merrell			98. DATED (SEE IT	EM 11)	
P. O. Box 12194					
Research Triangle Park, NC 2	7709-2194		10A. MODIFICATION	OF CONTE	ACT/ORDER NO.
			· · · · · · · · · · · · · · · · · · ·	NAS1-18	3925
CODE FACILITY	CODE		10B. DATED (SEE IT	<sup>-</sup> ЕМ 13) 6/21/8	9
	MONLY APPLIES TO A	MENDMENTS OF SOL	LICITATIONS		· · · · · · · · · · · · · · · · · · ·
Offers must acknowledge receipt of this amendment prior to the (a) By completing Items 8 and 15, and returning copies of (c) By separate letter or telegram which includes a reference to AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFER virture of this amendment you desire to change an offer already reference to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA (If Requi	of the amendement ; (b) f the solicitation and ame S PRIOR TO THE HOUR v submitted , such chang ed prior to the opening ho	By acknowledging rece ndment numbers. FAII AND DATE SPECIFIE e may be made by tele	eipt of this amendment on LURE OF YOUR ACKNON D MAY RESULT IN REJEC Igram or letter, provided e	each copy WLEDGEM CTION OF 1	of the offer submitted; or ENT TO BE RECEIVED YOUR OFFER. If by
PR 9240.2383; R17787; \$65,000 (Complete		ent 28)			
	PPLIES ONLY TO MODI				
(√)       A. THIS CHANGE ORDER IS ISSUED PURSUANT TO :         ITEM 10A.         B. THE ABOVE NUMBERED CONTRACT/ORDER IS MORE         etc)       SET FORTH IN ITEM 14, PURSUANT TO THE AU	DIFIED TO REFLECT TH	E ADMINISTRATIVE C			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED I	NTO PURSUANT TO AU		<u> </u>	<u>, ,</u>	
					· · · · · · · · · · · · · · · · · · ·
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor X is not, is req	uired to sign this docume	nt and return	copies to the issuing office		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Org	anized by UCF section h	eadings, including solic	itation/contract subject ma	atter where i	'easible)
The purpose of this modification is to allow the Section I clause entitled. "Limitation o cost and fee are increased by \$61,413 and \$ A. and B. are deleted in their entirety and b	f Funds." The to \$3,587, respective	tal amounts allo bly. Therefore, l	otted for the purpo H-2., Contract Fu	ses of p	ayment of
	(Continued)				
Except as provided herein, all terms and conditions of the do	ocument referenced in Ite				
15A. NAME AND TITLE OF SIGNER (Type or Print)			LE OF CONTRACTING O Inice H. Clark	FFICER (	Type or Print)
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED		nce of Cl	ari	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070		(Signa	ature of Contracting Officer		
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)	30	-105		Prescribed	

#### Page 2 of 3

#### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,958,230. The above allotment covers the following period of performance: From the effective date of the contract through December 31, 1993.

B. An additional amount of \$347,806 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Fundir	uq
Basic						
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,0	000
Mod. No. 1	0	0	0	0	138,0	
Mod. No. 2	Ō	0	Ō	0	62,0	
Mod. No. 3	Ő	0	0	0	•	0
Mod. No. 4	Ó	Ó	0	0	58,8	835
Mod. No. 5	0	0	0	0	341,4	
Mod. No. 6	0	0	0	0	219,0	
Mod. No. 7	0	0	0	0	181,6	
Mod. No. 8	0	0	0	0	132,0	000
Mod. No. 9	0	0	0	0	18,0	000
Mod. No. 10	0	0	0	0	32,0	600
Mod. No. 11	0	0	0	0	289,0	029
Mod. No. 12	0	0	0	0	10,	159
Mod. No. 13	0	· · · · · O	0	0	. 50,	000
Mod. No. 14	0	0	0	0	67,0	000
Mod. No. 15	0	0	0	0	153,	000
Mod. No. 16	0	0	0	0	161,8	850
Mod. No. 17	0	0	0	0	27,	000
Mod. No. 18	0	0	0	0	110,0	000
Mod. No. 19	0	0	0	0	198,	000
Mod. No. 20	0	0	0	0	200,	000
Mod. No. 21	0	0	0	0	116,	300
Mod. No. 22	0	0	0	0	575,	000
Mod. No. 23	0	0	0	0	100,	
Mod. No. 24	0	0	0	0	54,	
Mod. No. 25	0	0	0	0	81,	
Mod. No. 26	0	0	0	0	55,	
Mod. No. 27	0	. 0	0	0	372,	
Mod. No. 28	0	0	0	0		600
Mod. No. 29	0	0	0	0	54,	-
Mod. No. 30	0	0	0	0		0
Mod. No. 31	0	0	. 0	0	29,	
Mod. No. 32	0	0	0	0	321,	
Mod. No. 33	0	0	0	0	164,	
Mod. No. 34	. 0	0	0	0		0

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	· 0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0 ·	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	- 0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0.	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,306,036

NASA Contract NAS1-18925 Tabulation Summary

Page 3 of 3

AMENDMENT OF SOLICITATION	ODIFICATION OI	FCONTRACT	1. CT RACTID CO		GE OF	PAGES 3
2. AMENDMENT/MODIFICATION NO. 53	EDATE 4. REQ	UISITICNPURCHASE RE See Block		5. PROJEC	T NO. (//	applicable)
6. ISSUED BY CODE	7. ADM	INISTERED BY (If othe	er than Item 6)	CODE		······································
National Aeronautics and Space Admi Langley Research Center Hampton, VA 23665-5225	inistration					
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Code	e) (√)	9A. AMENDMENT O	F SOLICITATI	ON NO.	
Research Triangle Institute						
Attn: Mr. J. Scott Merrell P. O. Box 12194			98. DATED (SEE )	TEM 11)		
Research Triangle Park, NC	27709-2194		10A. MODIFICATION	OF CONTRA	CT/ORDER	1 NO.
		1	NAS1-18925			
CODE FACILI	TY CODE		10B. DATED (SEE )	тем 13) 6/21/89		
	TEM ONLY APPLIES TO A	MENDMENTS OF SOLIC	L			
(c) By separate-letter or telegram which includes a reference AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFF virture of this amendment you desire to change an offer alrea reference to the solicitation and this amendment, and is rece	s of the amendement ; (b) to the solicitation and ame ERS PRIOR TO THE HOUF ady submitted , such chang eived prior to the opening h	By acknowledging receip indment numbers. FAILL RAND DATE SPECIFIED e may be made by telegi	at of this amendment or JRE OF YOUR ACKNO MAY RESULT IN REJE	e each copy of WLEDGEMEN CTION OF YO	the offer s TTTO BE F UR OFFEF	RECEIVED
PR 6100.2038; R17908; \$24,980 (Completed)	quired) te); PR 6100.2040;	R17669; \$2,220 (	(Complete) (Tas	k Assignn	nent 29)	)
	APPLIES ONLY TO MODI					
(✓) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : ITEM 10A.	(Specify Authority) THE	CHANGES SET FORTH	IN ITEM 14 ARE MADE	IN THE CON	TRACT/OR	DER NO. IN
SET FORTH IN ITEM 14, PURSUANT TO THE			ANGES (such as change	es in paying of	fice, approj	priat ion date
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED	) INTO PURSUANT TO AU	THORITY OF:				
D. OTHER (Specify type of modification and authority	9					
E. IMPORTANT: Contractor X is not, is i	equired to sign this docume	nt and return co	pies to the issuing office	).		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (	Drganized by UCF section h	eadings, including solicita	ation/contract subject ma	atter where lea	sible)	
The purpose of this modification is to all the Section I clause entitled, "Limitation cost and fee are increased by \$25,699 and A. and B. are deleted in their entirety and	of Funds." The to 1 \$1,501, respective	tal amounts allott ely. Therefore, H	ed for the purpo -2., Contract Fu	oses of pa	yment o	of
	(Continued)					
Except as provided herein, all terms and conditions of the	document referenced in Ite	m 9A or 10A, as heretold	ore changed, remains u	nchanged and	t in fuil for	e and effect
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE Pan	OF CONTRACTING O	FFICER (Ty	pe or Print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES	( ·	1.0	16C. DAT	TE SIGNED
(Signature of person authorized to sign)		1 200	re of Contracting Officer	_1(************************************	3-2	23-92

(Signature of person authorized to sign) NSN 7540-01-152-8070 PREVICUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)

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

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### Page 2 of 3

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NAS1-18925 Modification No. 53

### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$5,983,929. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$349,307 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic				,	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	φ10,272,000 Ω	<i>ç</i> ccc,ccc 0	Q10,072,000 0	102,000	138,000
Mod. No. 2	Õ	Ő	Ő	Õ	62,000
Mod. No. 3	Õ	0 0	Ő	Ō	0
Mod. No. 4	Ō	Õ	Ö	Ō	58,835
Mod. No. 5	Ō	Ō	Ō	0	341,400
Mod. No. 6	Ō	Ő	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0 0	54,900
Mod. No. 30	0	0	0	0	20 950
Mod. No. 31 Mod. No. 32	0	0	0	0	29,950 321,500
	0	0		-	164,700
	0	0	0	0	164,700
Mod. No. 34	0	0	U	U	U

Page 3 of 3

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## NAS1-18925 Modification No. 53

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	<u>NASA Contra</u>	<u>lct NAS1-1892</u>	5 Tabulation	Summary	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	Ō	0	0	· 0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	- 0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0 '	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	·0	0	27,200
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,333,236

AMENDMENT OF SOLI		ODIFICATIO		ст	1., TRACT ID COL	DE F	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 54	3. EFFECTIV	1993	4. REQUISITION/PURCH/	ASE REC	). NO.	5. PROJE	CT NO. (If appiicable)
6. ISSUED BY	CODE		7. ADMINISTERED BY	(If other	than Item 6)	CODE	
National Aeronautics and Langley Research Center Hampton, VA 23665-522	•	inistration					
8. NAME AND ADDRESS OF CONTRAC	TOR (No., street	t, county, State and .	ZIP Code)	(1)	9A. AMENDMENT OF	SOLICITA	TION NO.
Research Tria	ngle Institute	:					
Office of Rese	arch Contrac	ts			98. DATED (SEE IT	EM 11)	
P. O. Box 1219						_	
Research Triangle Park, NC 27709-2194					10A. MODIFICATION		
						IAS1-18	925
CODE	FACIL	ITY CODE	<u> </u>	1	10B. DATED (SEE IT	6/21/8	9
			ES TO AMENDMENTS OF	SOLICI	TATIONS	·	
The above number solicitation is a Offers must acknowledge receipt of this a (a) By completing Items 8 and 15, and rett (c) By separate letter or telegram which in AT THE PLACE DESIGNATED FOR THE virture of this amendment you desire to clipterence to the solicitation and this amendment to approach the solicitation and the same	Imendment prior to urning copio ncludes a reference RECEIPT OF OFF nange an offer aire ndment, and is rec	the hour and date es of the amendeme e to the solicitation a ERS PRIOR TO TH ady submitted, suc eived prior to the op	specified in the solicitation ent ; (b) By acknowledging and amendment numbers. E HOUR AND DATE SPEC h change may be made b	i or as ai i receipt FAILUI CIFIED N y telegra	mended, by one of the of this amendment on RE OF YOUR ACKNOW MAY RESULT IN REJECT	each copy VLEDGEMI TION OF Y	of the offer submitted; or ENT TO BE RECEIVED OUR OFFER. If by
12. ACCOUNTING AND APPROPRIATIC	IN DATA (If Re	equired)		<u></u>	<u></u>		
			O MODIFICATIONS OF C				
<ul> <li>(√) A. THIS CHANGE ORDER IS ISSUE ITEM 10A.</li> <li>B. THE ABOVE NUMBERED CONT etc) SET FORTH IN ITEM 14, PL</li> </ul>	RACT/ORDER IS N		ECT THE ADMINISTRATI				
					·		
Armed Services Procure							
			)				
D. OTHER (Specify type of modifi	cauon ano aounomj	r)					
E. IMPORTANT: Contractor is r	ot, 🗙 is	required to sign this	document and return	cop	ies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/M	ODIFICATION (	Organized by UCF s	ection headings, including	solicitat	ion/contract subject ma	tter where fe	asible)
The purposes of this modifi payments and (2) add the A made to the Contract Scheo	dvanced Pay	ments clause	in full text to Sect				
		(Contin	ued)				
Except as provided herein, all terms an	e conditions of the	document reference	ed in Item 9A or 10A, as I	retofor	e changed, remains un	changed a	nd in full force and "ifect.
15A. NAME AND TITLE OF SIGNER (7)	CONCONCE OF N	OR CH CONTRAC			OF CONTRACTING OF	FICER (7	"ype or Print)
15B. CONTRACTOR/OFFEROR	1	15C. DATE SIG	169 UNITEDS	TATES		_	16C. DATE SIGNED
(Signature of person authorized to	<u>lelan</u>	4/11/9	2		of Contracting Officer	lark	6-10-93
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE			30-105	Jugitaluji	Ser Contracting Onicer		RD FORM 30 (Rev 10-83)
NASA - Langley Overprint (DEC 1986)						FAR (48 CF	

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NAS1-18925 Modification No. 54

I. G-2., <u>Payments - Alternate III</u>, and G-3., <u>Submission of</u> <u>Invoices</u>, are deleted in their entirety and the following is substituted in lieu thereof:

### "G-1. Advance Payment

A. <u>Advance Payments</u>--Advance funds will be provided in accordance with the clause of this contract, entitled "Advance Payments (APR 1984) - Alternate II (APR 1984) and Alternate IV (APR 1984)." The payment address is identified as Item No. 7 on the Standard Form 26 of the contract.

B. Financing by Letter of Credit--This contract does not provide for an initial cash payment. Funds will be obtained by the Letter of Credit method of obtaining cash. No part of such funds shall be paid in advance to any secondary recipient without the express written approval of the Government. Cash drawdowns shall be initiated by the Contractor only when actually needed for the disbursements of the Contractor or of approved secondary recipients. Standard Form 272, Federal Cash Transactions Report, covering cash disbursements and balances of the Contractor and any approved secondary recipients, shall be submitted by the Contractor in a timely manner. The Contractor's financial management system shall provide for effective control over and accountability for all Federal funds. Continued financing by the Letter of Credit method is conditional upon all of the foregoing, and failure to comply with any of these requirements may cause the unobligated portion of the Letter of Credit to be revoked by NASA or the Department of the Treasury."

II. G-3., is marked reserved.

III. Section I, Clause 52.232-12, Advance Payments, Alternate II and Alternate IV are added in full text as follows:

52.232-12 ADVANCE PAYMENTS (APR 1984) - ALTERNATE II (APR 1984) AND ALTERNATE IV (APR 1984)

(a) Requirements for payment. Advance payments will be made under this contract (1) upon submission of properly certified invoices or vouchers by the Contractor, and approval by the administering office, (2) under a letter of credit. The amount of the invoice or voucher submitted plus all advance payments previously approved shall not exceed \$5,518,390. If a letter of credit is used, the Contractor shall withdraw cash only when needed for disbursements acceptable under this contract and report cash disbursements and balances as required by the administering office. The Contractor shall apply terms similar to this clause to any advance payments to subcontractors.

(b) Special bank account. Until (1) the Contractor has liquidated all advance payments made under the contract and related interest charges and (2) the administering office has approved in writing the release of any funds due and payable to the Contractor, all advance payments and other payments under this contract shall be made by check payable to the Contractor marked for deposit only in the Contractor's special bank account with the Central Carolina Bank and Trust Company. None of the funds in the special bank account shall be mingled with other funds of the Contractor. Withdrawals from the special bank account may be made only by check of the Contractor countersigned by the Contracting Officer or a Government countersigning agent designated in writing by the Contracting Officer.

(c) Use of funds. The Contractor shall withdraw funds from the special bank account only to pay for allowable costs as prescribed by the 52.216-7, Allowable Cost and Payment clause of this contract. Payment for any other types of expenses shall be approved in writing by the administering office.

(d) Repayment to the Government. At any time, the Contractor may repay all or any part of the funds advanced by the Government. Whenever requested in writing to do so by the administering office, the Contractor shall repay to the Government any part of unliquidated advance payments considered by the administering office, to exceed the Contractor's current requirements or the amount specified in paragraph (a) above. If the Contractor fails to repay the amount requested by the administering office, all or any part of the unliquidated advance payments may be withdrawn from the special bank account by check signed by only the countersigning agent and applied to reduction of the unliquidated advance payments under this contract.

(e) Maximum payment. When the sum of all unliquidated advance payments, unpaid interest charges, and other payments equal the total estimated cost of \$5,049,561 (not including fixed-fee, if any) for the work under this contract, the Government shall withhold further payments to the Contractor. Upon completion or termination of the contract, the Government shall deduct from the amount due to the Contractor all unliquidated advance payments and interest charges payable. The Contractor shall pay any deficiency to the Government upon demand. For purposes of this paragraph, the estimated cost shall be considered to be the stated estimated cost, less any subsequent reductions of the estimated cost, plus any increases in the estimated costs that do not, in the aggregate, exceed \$468,829. The estimated cost shall include, without limitation, any reimbursable cost (as estimated by the Contracting Officer) incident to a termination for the convenience of the Government. Any payments withheld under this paragraph shall be applied to reduce the unliquidated advance payments. If full liquidation has been made, payments under the contract shall resume.

(f) Interest. No interest shall be charged to the prime Contractor for advance payments except for interest charged

during a period of default. The terms of this paragraph concerning interest charges for advance payments shall not apply to the prime Contractor. (1) The Contractor shall pay interest to the Government on the daily unliquidated advance payments at the daily rate specified in subparagraph (f)(3) below. Interest shall be computed at the end of each calendar month for the actual number of days involved. For the purpose of computing the interest charge, the following shall be observed.

(i) Advance payments shall be considered as increasing the unliquidated balance as of the date of the advance payment check.

(ii) Repayments by Contractor check shall be considered as decreasing the unliquidated balance as of the date on which the check is received by the Government authority designated by the Contracting Officer.

(iii) Liquidations by deductions from payments to the Contractor shall be considered as decreasing the unliquidated balance as of the dates on which the Contractor presents to the Contracting Officer full and accurate data for the preparation of each voucher. Credits resulting from these deductions shall be made upon the approval of the reimbursement vouchers by the Disbursing Officer, based on the Contracting Officer's certification of the applicable dates.

(2)Interest charges resulting from the monthly computation shall be deducted from any payments on account of the fixed-fee due to the Contractor. If the accrued interest exceeds the payment due, any excess interest shall be carried forward and deducted from subsequent payments of the contract price or fixedfee. Interest carried forward shall not be compounded. Interest on advance payments shall cease to accrue upon (i) satisfactory completion or (ii) termination of the contract for the convenience of the Government. The Contractor shall charge interest on advance payments to subcontractors in the manner described above and credit the interest to the Government. Interest need not be charged on advance payments to nonprofit educational or research subcontractors for experimental, developmental, or research work.

(3) If interest is required under the contract, the Contracting Officer shall determine a daily interest rate based on the higher of (i) the published prime rate of the banking institution (depository) in which the special bank account is established or (ii) the rate established by the Secretary of the Treasury under Pub. L. 92-41 (50 U.S.C. App. 1215(b)(2)). The Contracting Officer shall revise the daily interest rate during the contract period in keeping with any changes in the cited interest rates.

(4) If the full amount of interest charged under this paragraph has not been paid by deduction or otherwise upon completion or termination of this contract, the Contractor shall pay the remaining interest to the Government on demand.

(g) Bank Agreement. Before an advance payment is made under this contract, the Contractor shall transmit to the administering office, in the form prescribed by the administering office, an agreement in triplicate from the bank in which the special bank account is established, clearly setting forth the special character of the account and the responsibilities of the bank under the account. If possible, the Contractor shall select a bank that is a member bank of the Federal Reserve System or is an "insured" bank within the meaning the Federal Deposit Insurance Corporation Act (12 U.S.C. 1811).

(h) Lien on Special Bank Account. The Government shall have a lien upon any balance in the special bank account paramount to all other liens. The Government lien shall secure the repayment of any advance payments made under this contract and any related interest charges.

(i) Lien on property under contract. (1) All advance payments under this contract, together with interest charges, shall be secured, when made, by a lien in favor of the Government, paramount to all other liens, on the supplies or other things covered by this contract and on all material and other property acquired for or allocated to the performance of this contract, except to the extent that the Government by virtue of any other terms of this contract, or otherwise, shall have valid title to the supplies, materials, or other property as against other creditors of the Contractor.

(2) The Contractor shall identify, by marking or segregation, all property that is subject to a lien in favor of the Government by virtue of any terms of this contract in such a way as to indicate that it is subject to a lien and that it has been acquired for or allocated to performing this contract. If, for any reason, the supplies, materials, or other property are not identified by marking or segregation, the Government shall be considered to have a lien to the extent of the Government's interest under this contract on any mass of property with which the supplies, materials, or other property are commingled. The Contractor shall maintain adequate accounting control over the property on its books and records.

(3) If, at any time during the progress of the work on the contract, it becomes necessary to deliver to a third person any items or materials on which the Government has a lien, the Contractor shall notify the third person of the lien and shall obtain from the third person a receipt in duplicate acknowledging the existence of the lien. The Contractor shall provide a copy of each receipt to the Contracting Officer.

(4) If, under the termination clause, the Contracting Officer authorizes the Contractor to sell or retain termination inventory, the approval shall constitute a release of the Government's lien to the extent that-

(i) The termination inventory is sold or retained; and(ii) The sale proceeds or retention credits are appliedto reduce any outstanding advance payments.

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NAS1-18925 Modification No. 54

(j) Insurance. The Contractor represents and warrants that it maintains with responsible insurance carriers (1) insurance on plant and equipment against fire and other hazards, to the extent that similar properties are usually insured by other operating plants and properties of similar character in the same general locality; (2) adequate insurance against liability on account of damage to persons or property; and (3) adequate insurance under all applicable workers' compensation laws. The Contractor agrees that, until work under this contract has been completed and all advance payments made under the contract have been liquidated, it will maintain this insurance; maintain adequate insurance on any materials, parts, assemblies, subassemblies, supplies, equipment, and other property acquired for or allocable to this contract and subject to the Government lien under paragraph (i) of this clause; and furnish any certificates with respect to its insurance that the administering office may require.

(k) Default. (1) If any of the following events occurs, the Government may, by written notice to the Contractor, withhold further withdrawals from the special bank account and further payments on this contract:

(i) Termination of this contract for a fault of the Contractor.

(ii) A finding by the administering office that the Contractor has failed to-

(A) Observe any of the conditions of the advance payment terms;

(B) Comply with any material term of this contract;

(C) Make progress or maintain a financial
 condition adequate for performance of this contract;
 (D) Limit inventory allocated to this contract

(D) Limit inventory allocated to this contract to reasonable requirements; or

(E) Avoid delinquency in payment of taxes or of the costs of performing this contract in the ordinary course of business.

(iii) The appointment of a trustee, receiver, or liquidator for all or a substantial part of the Contractor's property, or the institution of proceedings by or against the Contractor for bankruptcy, reorganization, arrangement, or liquidation.

(iv) The service of any writ of attachment, levy of execution, or commencement or garnishment proceedings concerning the special bank account.

(v) The commission of an act of bankruptcy.

(2) If any of the events described in subparagraph (1) above continue for 30 days after the written notice to the Contractor, the Government may take any of the following additional actions:

Page 7 of 11

(i) Withdraw by checks payable to the Treasurer of the United States, signed only by the countersigning agency, all or any part of the balance in the special bank account and apply the amounts to reduce outstanding advance payments and any other claims of the Government against the Contractor.

(ii) Charge interest, in the manner prescribed in paragraph (f) above, on outstanding advance payments during the period of any event described in subparagraph (1) above.

(iii) Demand immediate repayment by the Contractor of the unliquidated balance of advance payments.

(iv) Take possession of and, with or without advertisement, sell at public or private sale all or any part of the property on which the Government has a lien under this contract and, after deducting any expenses incident to the sale, apply the net proceeds of the sale to reduce the unliquidated balance of advance payments or other Government claims against the Contractor.

(3) The Government may take any of the actions described in subparagraphs (k)(1) and (2) of this clause it considers appropriate at its discretion and without limiting any other rights of the Government.

(1) Prohibition against assignment. Notwithstanding any other terms of this contract, the Contractor shall not assign this contract, any interest therein, or any claim under the contract to any party.

(m) Information and access to records. The Contractor shall furnish to the administering office (1) monthly or at other intervals as required, signed or certified balance sheets and profit and loss statements together with a report on the operation of the special bank account in the form prescribed by the administering office; and (2) if requested, other information concerning the operation of the Contractor's businesses. The Contractor shall provide the authorized Government representatives proper facilities for inspection of the Contractor's books, records, and accounts.

(n) Other security. The terms of this contract are considered to provide adequate security to the Government for advance payments; however, if the administering office considers the security inadequate, the Contractor shall furnish additional security satisfactory to the administering office, to the extent that the security is available.

(0) Representatives and warranties. The Contractor represents and warrants the following:

(1) The balance sheet, the profit and loss statement, and any other supporting financial statements furnished to the administering office fairly reflect the financial condition of the Contractor at the date shown or the period covered, and there has been no subsequent materially adverse change in the financial condition of the Contractor.

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NAS1-18925 Modification No. 54

(2) No litigation or proceedings are presently pending or threatened against the Contractor, except as shown in the financial statements.

(3) The Contractor has disclosed all contingent liabilities, except for liability resulting from the renegotiation of defense production contracts, in the financial statements furnished to the administering office.

(4) None of the terms in this clause conflict with the authority under which the Contractor is doing business or with the provision of any existing indenture or agreement of the Contractor.

(5) The Contractor has the power to enter into this contract and accept advance payments, and has taken all necessary action to authorize the acceptance under the terms of this contract.

(6) The assets of the Contractor are not subject to any lien or emcumbrance of any character except for current taxes not delinquent, and except as shown in the financial statements furnished by the Contractor. There is no current assignment of claims under any contract affected by these advance payment provisions.

(7) All information furnished by the Contractor to the administering office in connection with each request for advance payments is true and correct.

(8) These representations and warrants shall be continuing and shall be considered to have been repeated by the submission of each invoice for advance payments.

(p) Covenants. To the extent the Government considers it necessary while any advance payments made under this contract remain outstanding, the Contractor, without the prior written consent of the administering office, shall not-

(1) Mortgage, pledge, or otherwise encumber or allow to be encumbered, any of the assets of the Contractor now owned or subsequently acquired, or permit any preexisting mortgages, liens, or other encumbrances to remain on or attach to any assets of the Contractor which are allocated to performing this contract and with respect to which the Government has a lien under this contract;

(2) Sell, assign, transfer, and otherwise dispose of accounts receivable, notes, or claims for money due or to become due;

(3) Declare or pay any dividends, except dividends payable in stock of the corporation, or make any other distribution on account of any shares of its capital stock, or purchase, redeem, or otherwise acquire for value any of its stock, except as required by sinking fund or redemption arrangements reported to the administering office incident to the establishment of these advance payment provisions;

(4) Sell, convey, or lease all or a substantial part of its assets;

Page 9 of 11

NAS1-18925 Modification No. 54

(5) Acquire for value the stock or other securities of any corporation municipality, or governmental authority, except direct obligations of the United States;

(6) Make any advance or loan or incur any liability as guarantor, surety, or accommodation endorser for any party;

(7) Permit a writ of attachment or any similar process to be issued against its property without getting a release or bonding the property within 30 days after the entry of the writ of attachment or other process;

(8) Pay any remuneration in any form to its directors, officers, or key employees higher than rates provided in existing agreements of which notice has been given to the administering office; accrue excess remuneration without first obtaining an agreement subordinating it to all claims of the Government; or employ any person at a rate of compensation over (<u>Not Applicable</u>) a year;

(9) Change substantially the management, ownership, or control of the corporation;

(10) Merge or consolidate with any other firm or corporation, change the type of business, or engage in any transaction outside the ordinary course of the Contractor's business as presently conducted;

(11) Deposit any of its funds except in a bank or trust company insured by the Federal Deposit Insurance Corporation;

(12) Create or incur indebtedness for advances, other than advances to be made under the terms of this contract, or for borrowing;

(13) Make or covenant for capital expenditures
exceeding \$5,518,390 in total;

(14) Permit its net current assets, computed in accordance with generally accepted accounting principles, to become less than \$26,390,367 or

(15) Make any payments on account of the obligations listed below, except in the manner and to the extent provided in this contract:

IV. All other terms and conditions remain unchanged.

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Page 10 of 11

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic Contract Mod. No. 1 Mod. No. 2 Mod. No. 3 Mod. No. 4 Mod. No. 5	\$10,272,000 0 0 0 0 0	\$600,000 0 0 0 0 0	\$10,872,000 0 0 0 0 0	182,000 0 0 0 0	\$ 55,000 138,000 62,000 0 58,835 341,400
Mod. No. 6 Mod. No. 7 Mod. No. 8 Mod. No. 9 Mod. No. 10 Mod. No. 11 Mod. No. 12	0 0 0 0 0 0 0	0 0 0 0 0 0 0		0 0 0 0 0	219,000 181,600 132,000 18,000 32,600 289,029 10,159
Mod. No. 13 Mod. No. 14 Mod. No. 15 Mod. No. 16 Mod. No. 17 Mod. No. 18 Mod. No. 19 Mod. No. 20		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	50,000 67,000 153,000 161,850 27,000 110,000 198,000 200,000
Mod. No. 21 Mod. No. 22 Mod. No. 23 Mod. No. 24 Mod. No. 25 Mod. No. 26 Mod. No. 27	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	116,300 575,000 100,750 54,000 81,815 55,700 372,200
Mod. No. 28 Mod. No. 29 Mod. No. 30 Mod. No. 31 Mod. No. 32 Mod. No. 33 Mod. No. 34 Mod. No. 35	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	9,600 54,900 0 29,950 321,500 164,700 0 81,300
Mod. No. 36 Mod. No. 37 Mod. No. 38 Mod. No. 39 Mod. No. 40 Mod. No. 41 Mod. No. 42 Mod. No. 43			0 0 0 0 0 0 0 0		207,500 254,500 137,400 .55,248 205,200 55,300 95,800 81,500

# Page 11 of 11

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## NAS1-18925 Modification No. 54

	TADA COILL	ACC MASI-109.	25 TADULACION	Summary	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	Ō	200,300
Mod. No. 46	0	0	Ō	Ō	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	· 0	· 0	236,400
Mod. No. 51	0	0	0	· 0	0
Mod. No. 52	0	0	0	0	.65,000
Mod. No. 53	Ő	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,333,236

# NASA Contract NAS1-18925 Tabulation Summary

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		·····-			<u> </u>	I	1
2. AMENDMENT/MODIFICATION NO. 55	3. EFFECTIV	e date 2 <b>1993</b>	4. REQUISITION/PURCH 92	40.240			DJECT NO. (If appl
6. ISSUED BY	CODE		7. ADMINISTERED BY	(If other	than Item 6)	COD	E
National Aeronautics and Langley Research Center Hampton, VA 23665-522		inistration					
8. NAME AND ADDRESS OF CONTRAC	ZIP Code)	(1)	9A. AMENDMENT OF SOLICITATION NO.				
Research Triangle Institute							
Attn: Mr. J. So			98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 (SEE ITEM 13)				
P. O. Box 1219							
Research Trian							
		↓					
CODE	FACIL	ITY CODE			10B. DATED (SEE ITEM 13) 6/21/89		
			ES TO AMENDMENTS C	FSOLIC	TATIONS		
AT THE PLACE DESIGNATED FOR THE virture of this amendment you desire to che reference to the solicitation and this amen 12. ACCOUNTING AND APPROPRIATIO	hange an offer aire norment, and is rec DN DATA (If Re	eady submitted , suc eived prior to the op 	h change may be made bening hour and date spe	by telegra cified.	or letter, provided	each teie	egram or letter make
PR 9240.2405; R17523; \$9,6							·····
		M APPEIES ONLY I					
( ) A. THIS CHANGE ORDER IS ISSUE ITEM 10A.		IES THE CONTRAC	TAORDER NO. AS DESC	RIBED		E IN THE	CONTRACT/ORDER
B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE	IES THE CONTRAC : (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA	Y) THE CHANGES SET ) THE CHANGES SET LECT THE ADMINISTRA R 43.103(b).	FORTH	I ITEM 14. N ITEM 14 ARE MADI		
B. THE ABOVE NUMBERED CONTI	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE	IES THE CONTRAC : (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA	T/ORDER NO. AS DESC y) THE CHANGES SET LECT THE ADMINISTRA R 43.103(b).	FORTH	I ITEM 14. N ITEM 14 ARE MADI		
B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU	D PURSUANT TO RACT/ORDER IS P IRSUANT TO THE MENT IS ENTERE	MODIFIED TO REFI AUTHORITY OF FA	T/ORDER NO. AS DESC y) THE CHANGES SET LECT THE ADMINISTRA R 43.103(b).	FORTH	I ITEM 14. N ITEM 14 ARE MADI		
ITEM 10A. B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified	D PURSUANT TO RACT/ORDER IS I JRSUANT TO THE MENT IS ENTERE	IES THE CONTRAC : (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN ()	T/ORDER NO. AS DESC y) THE CHANGES SET LECT THE ADMINISTRA R 43.103(b).		I ITEM 14. N ITEM 14 ARE MADI	ges in pay	
ITEM 10A. B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE MENT IS ENTERE Ication and authority	IES THE CONTRAC : (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN (y) required to sign this	T/ORDER NO. AS DESC y) THE CHANGES SET .ECT THE ADMINISTRA R 43.103(b). T TO AUTHORITY OF:		I ITEM 14. N ITEM 14 ARE MADE NGES <i>(such as chang</i>	ges in payl	ing office, appropriat
ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor X is no 14. DESCRIPTION OF AMENDMENT/M The purpose of this modific the Section I clause entitled	D PURSUANT TO RACT/ORDER IS I JRSUANT TO THE MENT IS ENTERE ication and authorit NODIFICATION ( cation is to al i, "Limitation	(Specify Authorit MODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN (Organized by UCF : (Organized by UCF : (Iot additional n of Funds."	TORDER NO. AS DESC y) THE CHANGES SET ECT THE ADMINISTRA R 43.103(b). TO AUTHORITY OF: document and return section headings, includir incremental func The total amounts	FORTH FORTH TIVE CHA	NITEM 14. NITEM 14 ARE MADE NGES (such as chang nies to the issuing offic tion/contract subject m the amount of ed for the purp	tes in pays tes. natter whe \$19,2( OSES 0)	ing office, appropriat we leasible) 00 pursuant to f payment of
ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor X is no 14. DESCRIPTION OF AMENDMENT/M The purpose of this modific	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE MENT IS ENTERE ication and authority not. is is is is is is is is is all i, "Limitation y \$18,141 an	(Specify Authorit (Specify Authorit MODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN (D) (D) (Crganized by UCF) (Crganized by UCF) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	2T/ORDER NO. AS DESC y) THE CHANGES SET ECT THE ADMINISTRA R 43.103(b). T TO AUTHORITY OF: document and return section headings, includir incremental func The total amounts pectively. Theref	FORTH FORTH TIVE CHA	NITEM 14. NITEM 14 ARE MADE NGES (such as chang nies to the issuing offic tion/contract subject m the amount of ed for the purp -2., Contract Fu	tes in pays tes. natter whe \$19,2( OSES 0)	ing office, appropriat we leasible) 00 pursuant to f payment of
ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor is n 14. DESCRIPTION OF AMENDMENT/M The purpose of this modific the Section I clause entitled cost and fee are increased by	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE MENT IS ENTERE ication and authority not. is is is is is is is is is all i, "Limitation y \$18,141 an	(Specify Authorit MODIFIED TO REFI AUTHORITY OF FA D INTO PURSUAN (Organized by UCF) (lot additional n of Funds." 7 d \$1,059, resp ad the followin	TORDER NO. AS DESC y) THE CHANGES SET LECT THE ADMINISTRA R 43.103(b). T TO AUTHORITY OF: document and return section headings, includir incremental func The total amounts bectively. Thereford ing is substituted	FORTH FORTH TIVE CHA	NITEM 14. NITEM 14 ARE MADE NGES (such as chang nies to the issuing offic tion/contract subject m the amount of ed for the purp -2., Contract Fu	tes in pays tes. natter whe \$19,2( OSES 0)	ing office, appropriat we leasible) 00 pursuant to f payment of
ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI ■ etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor × is no 14. DESCRIPTION OF AMENDMENT/ME The purpose of this modific the Section I clause entitled cost and fee are increased by A. and B. are deleted in their	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE MENT IS ENTERE Ideation and authority is is is is is is is is is is	(Contimerson)	TTORDER NO. AS DESC y) THE CHANGES SET LECT THE ADMINISTRA R 43.103(b). TTO AUTHORITY OF: document and return section headings, includin incremental func The total amounts bectively. Therefing is substituted incud)	FORTH FORTH TIVE CHA	NITEM 14. NITEM 14 ARE MADE NGES (such as chang ties to the issuing office tion/contract subject m the amount of ed for the purp -2., Contract Fu thereof:	se. \$19,20 unding	ing office, appropriat we leasible) 00 pursuant to f payment of , paragraphs
ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor X is no 14. DESCRIPTION OF AMENDMENT/M The purpose of this modific the Section I clause entitled cost and fee are increased by A. and B. are deleted in their Except as provided herein, all terms an	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE MENT IS ENTERE Ication and authority NODIFICATION ( cation is to al I, "Limitation y \$18,141 and ir entirety and ad conditions of the	(Contimerson)	TORDER NO. AS DESC y) THE CHANGES SET ECT THE ADMINISTRA R 43.103(b). T TO AUTHORITY OF: document and return section headings, includin incremental func The total amounts pectively. Theref ing is substituted in substituted in	CONTRACTOR FORTH TIVE CHA TIVE CHA Ing solicita ding in s allott ore, H in lieu	NITEM 14. NITEM 14 ARE MADE NGES (such as chang nies to the issuing offic tion/contract subject m the amount of ed for the purp -2., Contract Fu thereof: re changed. remains	res in pays res. se. \$19,20 OSES 01 unding unchange	ing office, appropriat we feasible) DO pursuant to f payment of , paragraphs ed and in full force a
ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor × is no 14. DESCRIPTION OF AMENDMENT/ME The purpose of this modific the Section I clause entitled cost and fee are increased by A. and B. are deleted in their	D PURSUANT TO RACT/ORDER IS I IRSUANT TO THE MENT IS ENTERE Ication and authority NODIFICATION ( cation is to al I, "Limitation y \$18,141 and ir entirety and ad conditions of the	(Contimerson)	TORDER NO. AS DESC y) THE CHANGES SET ECT THE ADMINISTRA R 43.103(b). T TO AUTHORITY OF: document and return section headings, includin incremental func The total amounts pectively. Theref ing is substituted in substituted in	FORTH FORTH TIVE CHA TIVE CHA a solicita ding in s allott ore, H in lieu s heretofo NO TITLE	NITEM 14. NITEM 14 ARE MADE NGES (such as chang ties to the issuing office tion/contract subject m the amount of ed for the purp -2., Contract Fu thereof:	res in pays res. se. \$19,20 OSES 01 unding unchange	ing office, appropriat we feasible) DO pursuant to f payment of , paragraphs ed and in full force a
ITEM 10A. ■ ITEM 10A. ■ B. THE ABOVE NUMBERED CONTI etc) SET FORTH IN ITEM 14, PU C. THIS SUPPLEMENTAL AGREEN D. OTHER (Specify type of modified E. IMPORTANT: Contractor is n 14. DESCRIPTION OF AMENDMENT/M The purpose of this modific the Section I clause entitled cost and fee are increased by A. and B. are deleted in their Except as provided herein, all terms an	D PURSUANT TO RACT/ORDER IS I JRSUANT TO THE MENT IS ENTERE Ication and authority Not. is ICDIFICATION ( cation is to al I, "Limitation y \$18,141 and ir entirety and ind conditions of the ype or Print)	(Contimerson)	TORDER NO. AS DESC y) THE CHANGES SET ECT THE ADMINISTRA R 43.103(b). T TO AUTHORITY OF: document and return section headings, includir incremental func The total amounts bectively. Theref ing is substituted ued) ted in Item 9A or 10A, at 16A. NAME A	CONTRACTOR	NITEM 14. NITEM 14 ARE MADE NGES (such as chang nies to the issuing offic tion/contract subject m the amount of ed for the purp 2., Contract Fu thereof: re changed, remains OF CONTRACTING ( es X. Taylor	se. \$19,20 unchange OFFICER	ing office, appropriat we feasible) DO pursuant to f payment of , paragraphs ed and in full force a (Type or Print)

#### Page 2 of 3

## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,002,070. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$350,366 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	. 0	138,000
Mod. No. 2	0	0	. 0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	. 0	. 67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	- 0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0

Mod. No. 54

Mod. No. 55

Total

NASA Contract NAS1-18925 Tabulation Summary							
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding		
Mod. No. 35	0	0	0	0	81,300		
Mod. No. 36	0	0	0	0	207,500		
Mod. No. 37	0	0	0	0	254,500		
Mod. No. 38	0	0	0	0	137,400		
Mod. No. 39	0	0	0	0	55,248		
Mod. No. 40	0	0	0	0	205,200		
Mod. No. 41	0	0	0	0	55,300-		
Mod. No. 42	0	0	0	0	95,800		
Mod. No. 43	0	0	0	0	81,500		

MOG. NO		U	0	0	0	JJ,240
Mod. No	. 40	0	0	0	0	205,200
Mod. No	. 41	0	0	0	0	55,300-
Mod. No	. 42	0	0	0	0	95,800
Mod. No	. 43	0	0	0	0	81,500
Mod. No.	. 44	0	0	ο.	0	16,500
Mod. No	. 45	0	0	0	0	200,300
Mod. No	. 46	0	0	0	0	60,000
Mod. No	. 47	0	0	0	0	89,300
Mod. No	. 48	0	0	0	0	0
Mod. No	. 49	0	0	0	0	23,900
Mod. No	. 50	0	0	0	0	236,400
Mod. No	. 51	0	0	0	0	0
Mod. No	. 52	0	0	0	0	65,000
Mod. No	. 53	0	0	0	0	27,200
						_

0

\$10,272,000

0

0

\$600,000

0 \$10,872,000

0

0

0

0

182,000

Page 3 of 3

19,200

\$6,352,436

0

AMENDMENT OF SOLICITATIO	10DIFICATION C	OF CONTRACT	1, CINTRACT ID CO	DE P	AGE OF PAGES		
2. AMENDMENT/MODIFICATION NO. 3. EFFEC 56		QUISITION/PURCHASE F 9020.0		5. PROJEC	CT NO. (If applicable)		
6. ISSUED BY CODE		MINISTERED BY (If ot	her than Item 6)	CODE			
National Aeronautics and Space Ad Langley Research Center Hampton, VA 23665-5225	ministration						
8. NAME AND ADDRESS OF CONTRACTOR (No., su	eet, county, State and ZIP Co	de) ( 🗸	9A. AMENDMENT OF	F SOLICITAT	ION NO.		
Research Triangle Institu	ite						
Attn: Mr. J. Scott Merrel			98. DATED (SEE IT	TEM 11)	······································		
P. O. Box 12194							
Research Triangle Park, N	NC 27709-2194			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925			
CODE FAI		V	10B. DATED (SEE IT	ГЕМ 13) 6/21/89	)		
11. TF	IS ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS				
(a) By completing Items 8 and 15, and returning ca (c) By separate letter or telegram which includes a refere AT THE PLACE DESIGNATED FOR THE RECEIPT OF C virture of this amendment you desire to change an offer a reference to the solicitation and this amendment, and is r	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 amendement; (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 virture 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 (II PR 9020.0514; R17317; \$54,500 (Comp	Required) blete) (Task Assignm	ent 30)					
	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 T ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER I etc) SET FORTH IN ITEM 14, PURSUANT TO TH	S MODIFIED TO REFLECT T IE AUTHORITY OF FAR 43.10	HE ADMINISTRATIVE CH 33(b).	IANGES (such as change	s in paying o	ffice, appropriat ion date,		
C. THIS SUPPLEMENTAL AGREEMENT IS ENTER	RED INTO PURSUANT TO AU	JTHORITY OF:			· .		
D. OTHER (Specify type of modification and autho	vrity)	· · · · · · · · · · · · · · · · · · ·					
E. IMPORTANT: Contractor X is not,	is required to sign this docum	ent and return c	opies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by UCF section		· · · · · · · · · · · · · · · · · · ·		asible)		
The purpose of this modification is to a							
the Section I clause entitled, "Limitatic			• •	-	•		
cost and fee are increased by \$51,493 a A. and B. are deleted in their entirety a	•	•		iding, pa	iragraphs		
	(Continued)						
Except as provided herein, all terms and conditions of t		em 94 or 104 as bereioi	ore channed remains	changed and	d in full force and effect		
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITL	E OF CONTRACTING OF nice H. Clark				
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES			16C. DATE SIGNED		
(Signature of person authorized to sign)		<u> </u>	Les I Clan	h	4.25 13		
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE	30	1	ne or connacting Onicer)	STANDAR Prescribed by	D FORM 30 (Rev 10-83)		

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#### Page 2 of 3

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,053,563. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$353,373 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic				,	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	Ō	0	62,000
Mod. No. 3	0	0	Ō	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	. 0	. 0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	· 0	0	0	0	0

Page 3 of 3

NAS1-18925 Modification No. 56

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	MASA CONCIA	ICL NASI-1892:	5 Tabulation 3	<u>summary</u>	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0 ·	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	- 0	0	60,000
Mod. No. 47	0	• 0	0	0	89,300
Mod. No. 48	0	0	0	0,	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	<u>     0</u>	54,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,406,936

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AMENDMENT OF SOLICITATIO. 10		FCONTRACT	1. TRACT ID COL	DE PAGE OF PAGES				
/ /	3							
2. AMENDMENT/MODIFICATION NO. 57	1993 <b>1993</b>	UISITION/PURCHASE See Blo	-	5. PROJECT NO. (If applicable)				
S. ISSUED BY CODE	7. ADN	INISTERED BY (If o	ther than Item 6)	CODE				
National Aeronautics and Space Admini	stration							
Langley Research Center								
Hampton, VA 23665-5225								
	unty, State and ZIP Cod	() ()	A 9A. AMENDMENT OF	SOLICITATION NO.				
Research Triangle Institute								
Attn: Mr. J. Scott Merrell P. O. Box 12194			9B. DATED (SEE IT)	=M 11)				
Research Triangle Park, NC 2	7709-2194							
			N N	DF CONTRACT/ORDER NO. IAS1-18925				
CODE FACILITY		<b>`</b>	10B. DATED (SEE IT	EM 13) 6/21/89				
	MONLY APPLIES TO A							
The above number solicitation is amended as set forth in	item 14. The hour and	date specified for receip	ot of Offers is e	xtended, is not extended.				
Offers must acknowledge receipt of this amendment prior to the (a) By completing Items 8 and 15, and returning copies of				following methods: each copy of the offer submitted; or				
(c) By separate letter or telegram which includes a reference to AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS	the solicitation and ame	endment numbers. FA	ILURE OF YOUR ACKNOV	VLEDGEMENT TO BE RECEIVED				
virture of this amendment you desire to change an offer already reference to the solicitation and this amendment, and is receive	submitted , such chang	e may be made by tel	egram or letter, provided ea					
12. ACCOUNTING AND APPROPRIATION DATA (If Require				· · ·				
PR 9240.2413; R17255; \$58,600 (Complete)	•	20.1230; R1727	74; \$40,000 (Comp	lete) (T/A 32)				
	PLIES ONLY TO MOD							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (	Specify Authority) THE	CHANGES SET FOR	TH IN ITEM 14 ARE MADE	N THE CONTRACT/ORDER NO. IN				
ITEM 10A.								
S. THE ABOVE NUMBERED CONTRACT/ORDER IS MOD e(c) SET FORTH IN ITEM 14, PURSUANT TO THE AUT	HED TO REFLECT TH HORITY OF FAR 43.10	IE ADMINISTRATIVE ( 3(b).	CHANGES (such as changes	; in paying office, appropriat ion date,				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED IN	TO PURSUANT TO AU							
D. OTHER (Specify type of modification and authority)				<u></u>				
E. IMPORTANT: Contractor X is not , is requ	ired to sign this docume	nt and return	copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Orga	anized by UCF section h	eadings, including solid	citation/contract subject mat	ter where feasible)				
				<u></u>				
The purpose of this modification is to allot		-						
the Section I clause entitled, "Limitation of cost and fee are increased by \$93,159 and \$								
A. and B. are deleted in their entirety and the	•	•		8, F8F				
	(Continued)							
Except as provided herein, all terms and conditions of the doc	ument referenced in Ite	1	······································					
:5A. NAME AND TITLE OF SIGNER (Type or Pnni)			rle of contracting of inice H. Clark	FICER (Type or Print)				
SB. CONTRACTOR/OFFEROR	SC. DATE SIGNED	168. UNITED STATE	ES OF AMERICA	16C. DATE SIGNED				
(Signature of person authorized to sign)		Signa (Signa	ature of Contracting Officer	5-24-93				
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE NASA - Langlev Overprint (DEC 1986)	30-	105		STANDARD FORM 30 (Rev 10-83) Prescribed by GSA FAR 148 (CFR) 53 243				

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## Page 2 of 3

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NAS1-18925 Modification No. 57

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# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,146,722. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$358,814 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding	
Basic				,		
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000	
Mod. No. 1	0	0	0	0	138,000	
Mod. No. 2	0	0	0	0	62,000	
Mod. No. 3	0	0	0	0	. 0	
Mod. No. 4	0	0	0	0	58,835	
Mod. No. 5	0	0	0	0	341,400	
Mod. No. 6	0	0	0	0	219,000	
Mod. No. 7	0	0	Ó	Ó	181,600	
Mod. No. 8	0	0	Ó	0	132,000	
Mod. No. 9	0	0	0	0	18,000	
Mod. No. 10	0	0	0	0	32,600	
Mod. No. 11	0	0	0	0	289,029	
Mod. No. 12	0	0	0	0	10,159	
Mod. No. 13	0	0	0	0	50,000	
Mod. No. 14	0	0	0	0	67,000	
Mod. No. 15	0	Ō	Ō	0	153,000	
Mod. No. 16	0	0	Ō	0	161,850	
Mod. No. 17	0	0	0	0	27,000	
Mod. No. 18	0	0	0	0	110,000	
Mod. No. 19	0	0	0	0	198,000	
Mod. No. 20	0	0	0	0	200,000	
Mod. No. 21	0	0	0	0	116,300	
Mod. No. 22	0	0	0	0	575,000	
Mod. No. 23	0	0	0	0	100,750	
Mod. No. 24	0	0	0	0	54,000	
Mod. No. 25	0	0	0	0	81,815	
Mod. No. 26	0	0	0	0	55,700	
Mod. No. 27	0	0	0	0	372,200	
Mod. No. 28	0	0	0	0	9,600	
Mod. No. 29	0	0	0	0	54,900	
Mod. No. 30	0	0	0	0	0	
Mod. No. 31	0	0	0	0	29,950	
Mod. No. 32	0	0	0	0	321,500	
Mod. No. 33	0	0	0	0	164,700	
Mod. No. 34	0	0	0	0	0	

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Page 3 of 3

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NASA Contract NAS1-18925 Tabulation Summary						
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding	
Mod. No. 35	0	0	0	0	81,300	
Mod. No. 36	0	0	0	0	207,500	
Mod. No. 37	0	0	Ō	Ō	254,500	
Mod. No. 38	0	0	0	0	137,400	
Mod. No. 39	0	0	0	0	55,248	
Mod. No. 40	0	0	0	. 0	205,200	
Mod. No. 41	0	0	- 0	0	55,300	
Mod. No. 42	0	0	0	. 0	95,800	
Mod. No. 43	0	0	0	0	81,500	
Mod. No. 44	0	0	0	0	16,500	
Mod. No. 45	. 0	0	0	0	200,300	
Mod. No. 46	0	0	0	0	60,000	
Mod. No. 47	0	0	0	0	89,300	
Mod. No. 48	0	0	0	0	0	
Mod. No. 49	0	0	0	0	23,900	
Mod. No. 50	0	0	0	0	236,400	
Mod. No. 51	0	0	0	0	0	
Mod. No. 52	0	0	0	0	65,000	
Mod. No. 53	0	0	0	0	27,200	
Mod. No. 54	0	0	0	0	0	
Mod. No. 55	0	0	0	0	19,200	
Mod. No. 56	0	0	0	0	54,500	
Mod. No. 57	0	0	0	0	98,600	
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,505,536	

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AM IDMENT OF SOL	ICITATION/MODIFICATI	ON OF C	ONTRACT	1. CONTRACT ID	SODE	PAGE	OF PAGES
AMENDMENT/MODIFICATION NO. 58	<sup>3</sup> JUN 011993	4. REQUISIT	ION/PURCHASE RE N/A	а. но.	5. PROJ	ECT NO.	
SSUED BY	CODE	7. ADMINIST	ERED BY (If othe	r then item 8)	CODE		
National Aeronautics an Langley Research Cent Hampton, VA 23665-52							
NAME AND ADDRESS OF CONTRA	ACTOR (No., street, county, State and	I ZIP Code)	(1)	SA. AMENDMENT	OF SOLICIT	ATION NO	
	riangle Institute 1. Scott Merrell 2194			98. DATED (SEL	E ITEM 11)		
Research T	riangle Park, NC 27709-219	94	~	10A. MODIFICATIO	NOF CONT NAS1-1		DER NO.
D06	FACILITY CODE			108. DATED (SEA	6/21/	89	
	11. THIS ITEM ONLY APPL	IES TO AMEN	CMENTS OF SOLIC	TATIONS			
. ACCOUNTING AND APPROPRIAT	ION DATA (If Required) 13. THIS ITEM APPLIES ONLY IT MODIFIES THE CONTRA				,		
ITEM 1 CA. B. THE ABOVE NUMBERED CON	JED PURSUANT TO : (Specify Author)						
	EMENT IS ENTERED INTO PURSUAN						
Mutual Agreement			alf UF.				
D. OTHER (Specify type of moo	flication and suthority)						
				· · · · · · · · · · · · · · · · · · ·			
IMPORTANT: Contractor	s not, X is required to sign this	s document an	1 mm 1 00	ples to the lasuing of	ice.		
4. DESCRIPTION OF AMENOMENT	MODIFICATION (Organized by UCF	section headlin	gs, including solicits	liorvaan test subjeat	matter where	(easib(e)	
	ication is to change the rep tracts. Accordingly, the fol	llowing ch	• •				racting
		ntinued)					10000 4 -M-
TREET AS DROVIDED HEREIN, ALL TERMS ( 54. NAME AND TITLE OF SIGNER (	Ind conditions of the document referen Type J. Scott Merrell Contracting Officer						
SO. CONTRACTOR OFFEROR	1 SC. DATE SIG		UNITED STATES	OF AMERICA		18C.	DATE SIGNED
(Sigherure of person eurorized	MAY 25	1993	<u>Signery</u>	te al Contracting Offi	larn	-	6-1-93
NEN 7645-01-153-6070 PREVIOUS EDITIONS UNURABLE NASA - Langlev Overprint (DEC 1966	N	20-108			STAND Preseries	ARD FOR N by GSA CFR 11243	M 28 (Rev 10-8)

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Page 2 of 3

I. Exhibit A, <u>Contract Documentation Requirements</u>, paragraph I.H., <u>Small Business/Small Disadvantaged Business Reporting</u>, is deleted in its entirety and the following is substituted in lieu thereof:

"H. <u>Small Business/Small Disadvantaged Business Reporting</u> - The Contractor shall submit Standard Form 294, Subcontracting Report for Individual Contracts, on a quarterly basis (i.e., April 30, July 30, October 30, and January 30), and Standard Form 295, Summary Subcontract Report, in accordance with the requirements of the Section I clause 18-52.219-75."

II. All other terms and conditions of the contract remain unchanged.

#### \*\*\*\*\*\*\*\*\*\*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	. 0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	£7,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	• 0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	C	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mođ. No. 25	0	0	0	0	81,815
Mad. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,100
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500

Page 3 of 3

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	Ő	0	â	0	0
Mod. No. 35	ů	õ	Ō	0	. 81,300
Mod. No. 36	ŏ	ŏ	Õ	0	207,500
Mod. No. 37	õ	ŏ	Ō	0	254,500
Mod. No. 38	Ō	Ō	Ó	0	137,400
Mod. No. 39	Ō	0	0	0	55,248
Mod. No. 40	Ō	0	0	· 0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod: No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0.	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	· 0	. 0	0	0	60,000
Mod. No. 47	0	0	0	0	, 89,300
Mod. No. 48	· 0	0	0	0	. O
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	· 0	0	. 0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	. 0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	· 0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,505,536

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AMENDMENT OF SOLICITATIC MODIFICATION OF CONTRA					· CONTRACT ID CC	CE I	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 59	3. EFFECTIV		4. REQUISITION/PURC	REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. N/A			CT NO. (If applicable)
6. ISSUED BY CO			7. ADMINISTERED BY	(If othe	er (han ltem 6)	CODE	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225					· · · · · · · · · · · · · · · · · · ·		
8. NAME AND ADDRESS OF CONTRACTOR	(No., street	, county, State and	ZIP Code)	()	9A. AMENDMENT OF	SOLICITA	TION NO.
Research Triangle	e Institute						
Attn: Mr. J. Scott	t Merrell				98. DATED (SEE IT	EM 11)	
P. O. Box 12194							
Research Triangle	Park, NC	27709-2194				JAS1-18	
CODE	FACILI	TY CODE		-	108. DATED (SEE-IT	ЕМ 13) 6/21/89	)
			ES TO AMENDMENTS C	ESOLIC			
Offers must acknowledge receipt of this amon (a) By completing items 8 and 15, and returning (c) By separate letter or telegram which includ AT THE PLACE DESIGNATED FOR THE REC virture of this amondment you desire to change	The above number 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 B and 15, and returning copies of the amendement : (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 virture 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 DAN/A	NTA (If Red	quired)					
1			O MODIFICATIONS OF ( T/ORDER NO. AS DESC			•	
(✓) A. THIS CHANGE ORDER IS ISSUED PU ITEM 10A.	RSUANT TO :	(Specify Authorit)	y) THE CHANGES SET	FORTH	N ITEM 14 ARE MADE	IN THE COM	ITRACT/ORDER NO. IN
B. THE ABOVE NUMBERED CONTRACT erc) SET FORTH IN ITEM 14, PURSU/	ORDER IS MANT TO THE A	ODIFIED TO REFL UTHORITY OF FAI	ECT THE ADMINISTRAT R 43.103(b).	IVE CHA	NGES (such as change	s in paying o	ffice, appropriat ion date,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED	INTO PURSUANT	TO AUTHORITY OF:				
Mutual Agreement							
D. OTHER (Specify type of modification	and authority)	)					<u>.</u>
E. IMPORTANT: Contractor is not ,	X is re	equired to sign this	document and return	3 000	ies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIFI	CATION (O	rganized by UCF s	ection headings, including	g solicitat	ior/contract subject mat	ter where fea	asible)
The purpose of this Modification No. 59 is to extend the contract period of performance by twenty-four (24) months. Therefore, the Contract Schedule is revised as follows:							
I. F-1., Period of Performance - Task Assignments (LaRC 52.212-112) (MAR 1989), paragraph A. is revised to extend the period for issuance of task assignments by twenty-four (24) months from sixty (60) months to eight-four (84)							
• Except as provided herein, all terms and conditions of the documer of the documer of the second and in full force and affe					t in full force and effect.		
15A. NAME AND TITLE OF SIGNER (Type or				O TITLE	OF CONTRACTING OF		
158. CONTRACTOR/OFFEROR		15C. DATE SIGN	ED 168. UNITED S	TATES			ISC. DATE SIGNED
Signature of person authorized to sign)		L		Signature	of Contracting Officer	مرغلو	11 3330

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months. Paragraph A. is therefore deleted in its entirety and the following is substituted in lieu thereof:

"A. The period of issuance of task assignments is eighty-four (84) months from the effective date of the contract."

II. All other terms and conditions of the contract remain unchanged.

#### \*\*\*\*\*

# NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	. 0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	• 181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	. 0	0	18,000
Mod. No. 10	0	0	0	0	3,2,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	··· · · · · 0	0	0	27,000
Mod. No. 18	0	0	· 0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	·- 0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	<u>,</u> 0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500

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Est. Cost Funding Fixed Fee CPFF Hours Mod. No. 37 254,500 Mod. No. 38 137,400 Mod. No. 39 55,248 Mod. No. 40 205,200 Mod. No. 41 55,300 Mod. No. 42 95,800 Mod. No. 43 81,500 Mod. No. 44 16,500 Mod. No. 45 200,300 Mod. No. 46 60,000 Mod. No. 47 89,300 Mod. No. 48 Mod. No. 49 23,900 Mod. No. 50 236,400 Mod. No. 51 Mod. No. 52 65,000 Mod. No. 53 27,200 Mod. No. 54 Mod. No. 55 19,200 Mod. No. 56 54,500 Mod. No. 57 98,600 Mod. No. 58 Mod. No. 59 Total

NASA Contract NAS1-18925 Tabulation Summary

\$10,272,000

\$600,000

\$10,872,000

182,000

\$6,505,536

Page 3 of 3

2. AMENDMENT/MODIFICATION NO 60	D. 3. EFFECTIN		4. REQUISITION/PURCH	ASE OF		6 000	JECT NO. (If applicable)
		1993		40.244		5. PHU	JECT NO. (If applicable)
ISSUED BY			7. ADMINISTERED BY	(If othe	r than item 6)	CODE	
National Aeronautics Langley Research Ce Hampton, VA 23665	enter	linistration					
8. NAME AND ADDRESS OF CON	ITRACTOR (No., stree	et, county, State and	I ZIP Ccde)	(1)	9A. AMENDMENT C	F SOLICIT	ATION NO.
Research 7	Friangle Institute	2					
	J. Scott Merrell				98. DATED (SEE	ITEM 11)	
P. O. Box 1 Beccent 7							
Research 1	Friangle Park, N(	_ 27709-2194	ł	1		NAS1-1	
CODE	FACI		······································	-	10B. DATED (SEE	ITEM 13) 6/21/	89
			IES TO AMENDMENTS C	FSOUC	ITATIONS		
(c) By separate letter or telegram w AT THE PLACE DESIGNATED FOR virture of this amendment you desir reference to the solicitation and this 	R THE RECEIPT OF OF to change an offer air s amendment, and is rec	FERS PRIOR TO T eady submitted , su	HE HOUR AND DATE SPE ch change may be made	CIFIED by telegi	MAY RESULT IN REJE	ECTION OF	YOUR OFFER. If by
PR 9240.2442; R17255;	··· ··· · · · · · · · · · · · · · · ·		plete) (T/A 33)				
			TO MODIFICATIONS OF ( CT/ORDER NO. AS DESC			······································	
(√) A. THIS CHANGE ORDER IS I ITEM 10A.	ISSUED PURSUANT TO	: (Specify Author	ity) THE CHANGES SET	FORTH	IN ITEM 14 ARE MAD	E IN THE C	ONTRACT/ORDER NO. 1
✓ B. THE ABOVE NUMBERED ( etc) SET FORTH IN ITEM (	CONTRACT/ORDER IS 14. PURSUANT TO THE			IVE CHA	NGES (such as chang	ges in payin	g office, appropriat ion dat
C. THIS SUPPLEMENTAL AC	GREEMENT IS ENTERE	D INTO PURSUAN	T TO AUTHORITY OF:				
D. OTHER (Specify type of	modification and authori	(y)		<u> </u>			
E. IMPORTANT: Contractor	is not, [ is	required to sign thi	s document and return	00	pies to the issuing offic	:0.	
			s document and retum section headings, includin				e leasible)
E. IMPORTANT: Contractor	ENT/MODIFICATION dification is to al itled, "Limitation ed by \$8,220 and	<i>Organized by UCF</i> lot additiona n of Funds." \$480, respected the followi	section headings, includin l incremental fund The total amounts tively. Therefore, ng is substituted in	g solicita ling in allott H-2.,	tion/contract subject n the amount of ed for the purp Contract Fund	ster where \$8,700 oses of	pursuant to payment of
E. IMPORTANT: Contractor X 14. DESCRIPTION OF AMENDME The purpose of this mod the Section I clause enti cost and fee are increase A. and B. are deleted in	dification is to al itled, "Limitation ed by \$8,220 and their entirety ar	Organized by UCF lot additiona n of Funds." \$480, respected ad the followi (Contin	section headings, includin l incremental fund The total amounts tively. Therefore, ng is substituted i nued)	g solicita ing in allott H-2., n lieu	tion/contract subject n the amount of ed for the purp Contract Fund thereof:	\$8,700 ses of ling, par	pursuant to payment of ragraphs
E. IMPORTANT: Contractor X 14. DESCRIPTION OF AMENDME The purpose of this mod the Section I clause enti cost and fee are increase	ENT/MODIFICATION dification is to al itled, "Limitation ed by \$8,220 and a their entirety ar ms and conditions of the	Organized by UCF lot additiona n of Funds." \$480, respected ad the followi (Contin	section headings, includin l incremental fund The total amounts tively. Therefore, ng is substituted i nued) iced in Item 9A or 10A, as	g solicita ing in allott , H-2., n lieu heretoic	tion/contract subject n the amount of ed for the purp Contract Fund thereof:	\$8,700 oses of ling, par	pursuant to payment of ragraphs and in full force and effec
E. IMPORTANT: Contractor X 14. DESCRIPTION OF AMENDME The purpose of this mod the Section I clause enti cost and fee are increase A. and B. are deleted in Except as provided herein, all terr	ENT/MODIFICATION dification is to al itled, "Limitation ed by \$8,220 and a their entirety ar ms and conditions of the R (Type or Print)	Organized by UCF lot additiona n of Funds." \$480, respected ad the followi (Contin	section headings, including l incremental fund The total amounts tively. Therefore, ng is substituted in hued) iced in Item 9A or 10A, as 16A. NAME AN BY	g solicita ling in allott , H-2., n lieu heretolo 10 TITLE Pan STATES	tion/contract subject n the amount of ed for the purp Contract Fund thereof: OF CONTRACTING O ice H. Clark	S8,700 oses of ling, par unchanged DFFICER	pursuant to payment of ragraphs and in full force and effe

#### "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,154,942. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$359,294 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic				,	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	Ō	Ō	Ō	Ō	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	· 0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	· 0	0	· 0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	. O	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	. 200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	· 0	0	0	0	0

Mod. No. 55

Mod. No. 56

Mod. No. 57 Mod. No. 58

Mod. No. 59

Mod. No. 60

Total

			<u>NASA Contr</u>	act NAS1-189	25 Tabulation	Summary	
			<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod.	No.	35	0	0	0	0	81,300
Mod.	No.	36	0	0	0	0	207,500
Mod.	No.	37	0	0	0	0	254,500
Mod.			0	0	Ō	0	137,400
Mod.			Ō	Ō	0 0	Ō	55,248
Mod.			Ō	0	· 0.	Ō	205,200
Mod.			. 0	Ō	0	Ö	55,300
Mod.			Ō	Ō	0	Ō	95,800
Mod.			0	O	0	Ō	81,500
Mod.			Ő	Ő	0	Ő	16,500
Mod.			0	0 0	0	Ő	200,300
Mod.			0	Õ	0	0 0	60,000
Mod.			0	Õ	0 0	Ő	89,300
Mod.			0 0	Ő	Ő	õ	0
Mod.			Ő	Õ	Ő	Ō	23,900
Mod.			0 0	0	0	Ő	236,400
Mod.			0	Ő	0 0	Ő	0
Mod.			0	Ő	ů 0	õ	65,000
Mod.			Õ	õ	0	õ	27,200
Mod.			Ő	Ő	Õ	õ	0

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\$600,000

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\$10,272,000

NASA Contract NAS1-18925 Tabulation Summary

Page 3 of 3

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\$10,872,000

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182,000

19,200

54,500

98,600

8,700

\$6,514,236

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AMENDMENT OF SOLICITATIC V	ODIFICATION C	F CONTRACT		DE PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 61 3. EFFECTIVE	DATE 4. RE	QUISITION/PURCHASE P 9240.2		5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		MINISTERED BY (If or	ther than Item 6)	CODE
National Aeronautics and Space Admi Langley Research Center Hampton, VA 23665-5225	nistration			
8. NAME AND ADDRESS OF CONTRACTOR (No., street,	county, State and ZIP Co	de) ( 🗸	) 9A. AMENDMENT OF	SOLICITATION NO.
Research Triangle Institute			_	
Attn: Mr. J. Scott Merrell			9B. DATED (SEE IT	EM 11)
P. O. Box 12194				
Research Triangle Park, NC	27709-2194			OF CONTRACT/ORDER NO.
		<b>↓</b>		IAS1-18925
CODE FACILI	TY CODE		10B. DATED (SEE IT.	6/21/89
11. THIS (	TEM ONLY APPLIES TO	AMENDMENTS OF SOL	LICITATIONS	· · · · · · · · · · · · · · · · · · ·
<ul> <li>(a) By completing Items 8 and 15, and returning copies</li> <li>(c) By separate letter or telegram which includes a reference</li> <li>AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFE</li> <li>virture of this amendment you desire to change an offer alrea</li> <li>reference to the solicitation and this amendment, and is receipt</li> <li>12. ACCOUNTING AND APPROPRIATION DATA (<i>II Rec</i></li> </ul>	to the solicitation and an RS PRIOR TO THE HOL dy submitted, such chan ved prior to the opening	endment numbers. FAI IR AND DATE SPECIFIE ge may be made by tele	LURE OF YOUR ACKNOW D MAY RESULT IN REJEC	TION OF YOUR OFFER. If by
PR 9240.2440; R18102; \$125,000 (Comple				
	APPLIES ONLY TO MODES THE CONTRACT/ORE			
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS M				
etc) SET FORTH IN ITEM 14, PURSUANT TO THE A	UTHORITY OF FAR 43.10	03(b).	······································	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED	INTO PURSUANT TO A	JTHORITY OF:		
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor X is not. is re				
	equired to sign this docum		copies to the issuing office.	
US DESCRIPTION OF AMENUMENT/MODIFICATION (U	ୁସ୍ଟିଆଥିପେ ସହୁ UCF ବେରୋଠିମି	neadings, including solid	navorvcontract subject mat	uer milere leasiolej
The purpose of this modification is to allo the Section I clause entitled, "Limitation of cost and fee are increased by \$118,103 and A. and B. are deleted in their entirety and	of Funds." The to d \$6,897, respecti	otal amounts allo vely. Therefore,	tted for the purpos H-2., Contract Fu	ses of payment of
	(Continued)			
Except as provided herein, all terms and conditions of the c	locument referenced in It	em 9A or 1 A as hereto	ofore changed, remains un	changed and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TIT	LE OF CONTRACTING OF chand J. Sjebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNTEDITATE	X Jacke	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070	L	(Signa)	ture Contracting Officer)	STANDARD FORM 30 (Rev 10-83)
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)	و			Prescribed by GSA FAR (48 CFR) 53.243

Page 2 of 3

1

NAS1-18925 Modification No. 61

## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,273,045. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$366,191 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	42072727000 0	, 000, 000 0	0	0	138,000
Mod. No. 2	0 0	õ	õ	õ	62,000
Mod. No. 3	Õ	Ő	õ	Ő	02,000
Mod. No. 4	Õ	Ő	õ	õ	58,835
Mod. No. 5	. 0	. 0	Õ	Ő	341,400
Mod. No. 6	0 0	Ō	0 .	0	219,000
Mod. No. 7	Ō	Ō	Ō	0	181,600
Mod. No. 8	Ō	Ō	Ō	Ō	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	· 0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	• 0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	. 0	0	0	0	0

NASA Contract NAS1-18925 Tabulation SummaryEst. CostFixed FeeCPFFHoursMod. No. 350000

Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	· 0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	· 0	0	0	• 0	55,300
Mod. No. 42	0	0	0	0	·95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46-	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	· 0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	. 0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0 ·	· 0	0	0	27,200
Mod. No. 54	·. 0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,639,236

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Page 3 of 3

Funding

AMENDMENT OF SOLICITATIO MODIFICATION OF CONTRACT					1, NTRACT ID CO	DE	PAGE 1	OF PAGES
2. AMENDMENT/MODIFICATION NO. 62	SEP 091	993 <sup>4. REC</sup>	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. 9240.2458/9240.2460					(If applicable)
5. ISSUED BY CO	DE	7. ADI	MINISTERED BY (	lf other	than Item 6)	CODE		
National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225	pace Administr	ration						
8. NAME AND ADDRESS OF CONTRACTOR	R (No., street, county	, State and ZIP Cod	ie)	(	9A. AMENDMENT OF	SOLICI	ATION N	0.
Research Triangle	e Institute							
Attn: Mr. J. Scott	t Merrell				9B. DATED (SEE IT	EM 11)		
P. O. Box 12194								
Research Triangle	Park, NC 277	09-2194			10A. MODIFICATION			RDER NO.
				$\checkmark$		VAS1-	18925	
CODE	FACILITY CO	DF			10B. DATED (SEE I)	гем 13) 6/21,	/89	
			MENDMENTSOF	SOLIC	TATIONS			
AT THE PLACE DESIGNATED FOR THE REC virture of this amendment you desire to chang reference to the solicitation and this amendme 12. ACCOUNTING AND APPROPRIATION D	e an offer already sub ent, and is received p	pmitted, such chan rior to the opening	ge may be made by	telegr	am or letter, provided e	each tele	gram or le	tter makes
See Page 3								
	13. THIS ITEM APPL		IFICATIONS OF CO					
<ul> <li>✓ A. THIS CHANGE ORDER IS ISSUED PUITEM 10A.</li> <li>✓ B. THE ABOVE NUMBERED CONTRAC etc) SET FORTH IN ITEM 14, PURSU</li> </ul>	T/ORDER IS MODIFII	ED TO REFLECT T						
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO	PURSUANT TO A	JTHORITY OF:					
D. OTHER (Specify type of modification	n and authority)							
E. IMPORTANT: Contractor X is not ,	is required	to sign this docum	ent and return	00	ies to the issuing office	).		
14. DESCRIPTION OF AMENDMENT/MODIF	ICATION (Organiz	ed by UCF section	headings, including :	solicital	ion/contract subject ma	atter wher	e feasible)	
The purpose of this modification the Section I clause entitled, "L cost and fee are increased by \$4 A. and B. are deleted in their e	imitation of Fi 14,407 and \$2,5	unds." The to 593, respectiv	otal amounts a ely. Therefor	dlotte e, H-	ed for the purpo 2., Contract Fu	ses of	payme	ent of
		(Continued)						
Except as provided herein, all terms and co		ent referenced in I	┯╼╼┼┈┈┼╴┍╼╸					
15A. NAME AND TITLE OF SIGNER (Type o	r Print)		16A. NAME OND	L	OF CONTRACTING O	FFICER	(Typeor	Pnnt)
15B. CONTRACTOR/OFFEROR	15C	. DATE SIGNED	168. WITTO ST BY	ATT	Have	(		DATE SIGNED

NASA	Langley Overprint (DEC 1986)	

FAR (48 CFR) 53.243

## "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,317,452. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$368,784 is obligated under this contract for payment of fee."

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#### NASA Contract\_NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	<u>Fundi</u>	ng
Basic				,		
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,0	000
Mod. No. 1	0	0	0	0	138,	
Mod. No. 2	Ó	Ō	Ō	Ō	62,0	
Mod. No. 3	0	0	Ō	Ó	,	0
Mod. No. 4	0	0	Ó	0	58,8	835
Mod. No. 5	. 0	0	Ō	Ō	341,4	
Mod. No. 6	0	0	Ō	0	219,0	
Mod. No. 7	0	0	0	0	181,0	
Mod. No. 8	0	0	0	0	132,	
Mod. No. 9	0	0	0	0	18,0	
Mod. No. 10	0	0	0	0	32,	
Mod. No. 11	0	0	0	0	289,	
Mod. No. 12	0	0	0	0	10,	
Mod. No. 13	0	0	0	0	50,	
Mod. No. 14	0	0	0	0	67,	000
Mod. No. 15	0	0	0	0	153,	
Mod. No. 16	0	0	0	0	161,	
Mod. No. 17	0	0	0	0	27,	
Mod. No. 18	0	0	0	0	110,	000
Mod. No. 19	0	0	0	0	198,	000
Mod. No. 20	0	0	0	0	200,	000
Mod. No. 21	0	0	0	0	116,	300
Mod. No. 22	0	0	0	0	575,	000
Mod. No. 23	0	0	0	0	100,	750
Mod. No. 24	0	0	0	0	54,	000
Mod. No. 25	0	0	0	0	81,	815
Mod. No. 26	0	0	0	0	55,	700
Mod. No. 27	0	0	0	0	372,	200
Mod. No. 28	0	0	0	0	9,	600
Mod. No. 29	0	0	0	0	54,	900
Mod. No. 30	0	0	0	0		0
Mod. No. 31	0	0	0	0	29,	950
Mod. No. 32	0	0	0	0	321,	500
Mod. No. 33	0	0	0	0	164,	700
Mod. No. 34	<b>0</b>	0	0	0		0

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Est. Cost Fixed Fee CPFF Hours Funding Mod. No. 35 81,300 Mod. No. 36 207,500 Mod. No. 37 254,500 Mod. No. 38 137,400 Mod. No. 39 55,248 Mod. No. 40 205,200 Mod. No. 41 55,300 Mod. No. 42 95,800 Mod. No. 43 <sup>.</sup>81,500 Mod. No. 44 16,500 Mod. No. 45 200,300 Mod. No. 46 60,009 Mod. No. 47 89,300 Mod. No. 48 0. Mod. No. 49 23,900 Mod. No. 50 236,400 Mod. No. 51 Mod. No. 52 65,000 Mod. No. 53 27,200 Mod. No. 54 Mod. No. 55 19,200 Mod. No. 56 54,500 Mod. No. 57 98,600 Mod. No. 58 Mod. No. 59 Mod. No. 60 8,700 Mod. No. 61 125,000 Mod. No. 62 47,000 Total \$10,272,000 \$600,000 \$10,872,000 182,000 \$6,686,236

NASA Contract NAS1-18925 Tabulation Summary

## ACCOUNTING AND APPROPRIATION DATA

PR 9240.2458; R17516; \$7,000; R17517; \$5,000 (Complete) (T/A 19 Revision) PR 9240.2460; R17492; \$35,000 (Complete) (T/A 35)

## Page 3 of 3

AMENDMENT OF SOLICITATIC MODIFICAT	T	CT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 63 3. EFFECTIVE DATE 5 EP 30 1993	4. REQUISITION/PURCHA	SE REQ. NO. ).2481	5. PR	OJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (	if other than item 6)	COL	)E
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and	d ZIP Code)	( V) 9A. AMEND	MENT OF SOLIC	ITATION NO.
Research Triangle Institute				
Attn: Mr. J. Scott Merrell		9B. DATED	(SEE ITEM 11)	
P. O. Box 12194				
Research Triangle Park, NC 27709-2194	4		NAS1	
		10B. DATED	(SEE ITEM 13) 6/2	1/89
	LIES TO AMENDMENTS OF	<b>_</b>		-, -, -, -, -, -, -, -, -, -, -, -, -, -
(c) By separate letter or telegram which includes a reference to the selicitation AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO T virture of this amendment you desire to change an offer already submitted, su reference to the solicitation and this amendment, and is received prior to the operation.	e specified in the solicitation ment ; (b) By acknowledging n and amendment numbers. THE HOUR AND DATE SPEC uch change may be made by	or as amended, by a receipt of this amen FAILURE OF YOUF IFIED MAY RESULT telegram or letter, p	dment on each on ACKNOWLEDG	ng methods: opy of the offer submitted; or EMENT TO BE RECEIVED OF YOUR OFFER. If by
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2481; R17516; \$1,700; R17533; \$7,000 (Part	ial) (Task 19 Revisio	on)		
13. THIS ITEM APPLIES ONLY IT MODIFIES THE CONTRA	TO MODIFICATIONS OF CO ACT/ORDER NO. AS DESCRI		5,	
<ul> <li>(√) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify Author ITEM 10A.</li> <li>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REF etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF F</li> </ul>	FLECT THE ADMINISTRATIV			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUAN	NT TO AUTHORITY OF:			
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor X is not , is required to sign thi	is document and return	copies to the issu	ing office	
	section headings, including s	••••••		re feasible)
The purpose of this modification is to allot additiona the Section I clause entitled, "Limitation of Funds." cost and fee are increased by \$8,220 and \$480, respect A. and B. are deleted in their entirety and the followi	The total amounts a ctively. Therefore, H ing is substituted in	llotted for the I-2., Contract	purposes of	f payment of
(Contil Except as provided herein, all terms and conditions of the document referer	·	retofore changed, ri	emains unchance	d and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND	TITLE OF CONTRA		
158. CONTRACTOR/OFFEROR 15C. DATE SIG	169 111750 87		lete si	P 30 1993
(Signature of person authorized to sign) NSN 7540-01-152-8070		gnature & Contractin	· · · · · · · · · · · · · · · · · · ·	DARD FORM 30 (Rev 10-83)
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		U	Prescri	bed by GSA 8 CFR) 53.243

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#### "H-2. <u>Contract Funding</u>

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,325,672. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$369,264 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	Ő	Ō	Ő	Ō	62,000
Mod. No. 3	0	0	0	0	. 0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	· 0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	. 0	0	0	0	0

Page 3 of 3

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	Õ	Ő	Ō	207,500
Mod. No. 37	0	0	0	Ö	254,500
Mod. No. 38	Ō	Õ	Ő	Ō	137,400
Mod. No. 39	0	0	Ō	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	. 0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	- 0	0	60,000
Mod. No. 47	0	. 0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0		0	0	8,700
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,694,936

AMENDMENT OF SOLICITATION	ODIFICATIO		TRACT	1. CONTRACT ID COL	DE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 64 3. EFFEC	TIVE DATE	4. REQUISITION/P	URCHASE REC 9240.248		5. PRO	DJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERE	BY (If other	than Item 6)	COD	E
National Aeronautics and Space A Langley Research Center Hampton, VA 23665-5225	dministration					
8. NAME AND ADDRESS OF CONTRACTOR (No., s	treet, county, State and	ZIP Code)	()	9A. AMENDMENT OF	SOLICI	TATION NO.
Research Triangle Instit	ute					
Attn: Mr. J. Scott Merre				98. DATED (SEE IT	EM 11)	
P. O. Box 12194						
Research Triangle Park,	NC 27709-2194			10A. MODIFICATION		
			1	Ν	IAS1-	18925
CODE F/	ACILITY CODE			10B: DATED (SEE IT	ем 13) 6/21	1/89
	HIS ITEM ONLY APPLI	ES TO AMENDME	VITS OF SOLIC	TATIONS		
(c) By separate letter or telegram which includes a refer AT THE PLACE DESIGNATED FOR THE RECEIPT OF virture of this amendment you desire to change an offer reference to the solicitation and this amendment, and is	or to the hour and date copies of the amendem rence to the solicitation OFFERS PRIOR TO The already submitted, such s received prior to the o	e specified in the sol lent ; (b) By acknow and amendment nu HE HOUR AND DAT ch change may be i	icitation or as a dedging receipt mbers. FAILU E SPECIFIED I made by telegra	mended, by one of the of this amendment on RE OF YOUR ACKNON WAY RESULT IN REJEC	each ca NLEDG CTION C	opy of the offer submitted; or EMENT TO BE RECEIVED OF YOUR OFFER. If by
12. ACCOUNTING AND APPROPRIATION DATA (PR 9240.2481; R18488; \$6,300 (Comp	(If Required) Diete) (Task 19 R	Revision)				······
	ITEM APPLIES ONLY T DDIFIES THE CONTRA					
(√) A. THIS CHANGE ORDER IS ISSUED PURSUANT ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER etc) SET FORTH IN ITEM 14, PURSUANT TO			STRATIVECHA	NGES (such as change	as in pay	nng office, appropriat ion date
C. THIS SUPPLEMENTAL AGREEMENT IS ENT	ERED INTO PURSUAN	IT TO AUTHORITY	OF:			
D. OTHER (Specify type of modification and aut	thority)			<u></u>		
E. IMPORTANT: Contractor X is not ,	is required to sign this			bies to the issuing office		
14. DESCRIPTION OF AMENDMENT/MODIFICATION	4			tion/contract subject ma		ere feasible)
The purpose of this modification is to the Section I clause entitled, "Limitat cost and fee are increased by \$5,952 a A. and B. are deleted in their entirety	ion of Funds." ' and \$348, respec	The total amo tively. There	unts allott fore, H-2.,	ed for the purpo Contract Fundi	ses o	f payment of
	(Contir	-				
Ex ept as provided herein, all terms and conditions of	of the document referen					
15A. NAME AND TITLE OF SIGNER (Type or Print)		16 <b>A.</b> NA		OF CONTRACTING O	FFICER	(Type or Print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIC	GNED 16B. UN BY	relde	HAMERICA Kulu		OV 17 1993
(Signature of person authorized to sign) NSN 7640-01-152-8070	I	20.105	(Signatul	e of Contracting Officer		NDARD FORM 30 (Rev 10-83)
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		30-105			Presc	nDAND FORM 30 (Nov 10-55) rbed by GSA 48 CFR) 53.243

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NAS1-18925 Modification No. 64

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,331,624. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$369,612 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

•	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u> -	Hours	Funding
Basic				,	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	Ō	Õ	Ő	62,000
Mod. No. 3	0	0	Ō	Ō	0
Mod. No. 4	0	0	Ō	Ō	58,835
Mod. No. 5	0	0	Ó	Ō	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	. 0	0	0	0	0

	NASA Contra	act NAS1-1892	25 Tabulation S	ummary	
	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0 0	Ō	0	Ō	207,500
Mod. No. 37	0	0	Ō	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	· 81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	. 0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	. 0	. <b> 0</b>	0	0	47,000
Mod. No. 63	. 0	0	0	0	. 8,700
Mod. No. 64	0	0	0	0	6,300
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$6,701,236

Page 3 of 3

AMENDMENT OF SOL		ODIFICATI	ON OF CONTR	ACT	1, ITRACT ID CO	DOE	PAGE OF PAGES
AMENDMENT/MODIFICATION NO.	3. EFFECTIV	E DATE 4 1993	4. REQUISITION/PUR	CHASE REC 240.249		5. PRC	DJECT NO. (If applicable)
ISSUED BY	CODE		7. ADMINISTERED B	Y (If other	than Item 6)	COD	E
National Aeronautics an Langley Research Cente Hampton, VA 23665-52	er	inistration					
. NAME AND ADDRESS OF CONTRA	CTOR (No., street	t, county, State and	1 ZIP Code)	()	9A. AMENDMENT	F SOLICI	TATION NO.
Research Tria	ingle Institute	2					
Attn: Mr. J. S	-				98. DATED (SEE	TEM 11)	
P. O. Box 121	94						
Research Tria	ingle Park, NC	27709-2194	1		10A. MODIFICATIO	OF CON	ITRACT/ORDER NO.
						NAS1-	
				<b>*</b>	108. DATED (SEE	ITEM 13) 6/21	
		ITY CODE					
The above number solicitation is			JES TO AMENDMENTS			extended	is not extended.
······,		MAPPLIES ONLY			ate/0000500		
A. THIS CHANGE ORDER IS ISSU			TO MODIFICATIONS C ACT/ORDER NO. AS DE rity) THE CHANGES S	SCRIBED	N ITEM 14.	E IN THE	CONTRACT/ORDER NO.
	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE	: (Specify Author MODIFIED TO RE AUTHORITY OF F	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b).	ESCRIBED I	N ITEM 14. IN ITEM 14 ARE MAC		
ITEM 10A. B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F C. THIS SUPPLEMENTAL AGRE	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE	MODIFIED TO RE AUTHORITY OF F	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b).	ESCRIBED I	N ITEM 14. IN ITEM 14 ARE MAC		
B. THE ABOVE NUMBERED CON	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE	MODIFIED TO RE AUTHORITY OF F	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b).	ESCRIBED I	N ITEM 14. IN ITEM 14 ARE MAC		
ITEM 10A. B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F C. THIS SUPPLEMENTAL AGRE D. OTHER (Specify type of mod	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE dification and author	(Specify Author MODIFIED TO RE AUTHORITY OF F ED INTO PURSUAI	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b).	ESCRIBED I	N ITEM 14. IN ITEM 14 ARE MAC	ges in paj	
ITEM 10A. B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F C. THIS SUPPLEMENTAL AGRE D. OTHER (Specify type of mod . IMPORTANT: Contractor X is	JED PURSUANT TO	(Specity Author MODIFIED TO RE AUTHORITY OF F ED INTO PURSUAL ity)	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b). NT TO AUTHORITY OF	ESCRIBED I SET FORTH RATIVE CH/	N ITEM 14. IN ITEM 14 ARE MAD ANGES (such as chan	ges in paj	ving office, appropriat ion da
ITEM 10A.         B. THE ABOVE NUMBERED CON         etc)       SET FORTH IN ITEM 14, F         C. THIS SUPPLEMENTAL AGRE         D. OTHER       (Specify type of mode         E. IMPORTANT: Contractor       X         14. DESCRIPTION OF AMENDMENT/         The purpose of this modified         the Section I clause entitle         cost and fee are increased	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE diffication and authori s not	(Specity Author MODIFIED TO RE AUTHORITY OF F ED INTO PURSUAL ity) s required to sign th (Organized by UC) Ilot additiona n of Funds." 10 \$1,490, res	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b). NT TO AUTHORITY OF his document and return F section headings, inclu- al incremental fur The total amount spectively. Ther	ESCRIBED I DET FORTH RATIVE CHA :	N ITEM 14. IN ITEM 14 ARE MAD ANGES (such as chan pies to the issuing offi ation/contract subject in the amount of ted for the purp -2., Contract F	ges in pay ce. matter who f \$27,0 005e5 0	ving office, appropriat ion da ere (easible) 900 pursuant to 91 payment of
ITEM 10A. B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F C. THIS SUPPLEMENTAL AGRE D. OTHER (Specify type of mod IMPORTANT: Contractor X is 14. DESCRIPTION OF AMENDMENT/ The purpose of this modifi the Section I clause entitle cost and fee are increased	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE diffication and authori s not	(Specity Author MODIFIED TO RE AUTHORITY OF F ED INTO PURSUAL ity) s required to sign th (Organized by UC) Ilot additiona n of Funds." 10 \$1,490, res	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINIST FAR 43.103(b). NT TO AUTHORITY OF bis document and return F section headings, inclu- al incremental fur The total amount spectively. Ther- ring is substitute	ESCRIBED I DET FORTH RATIVE CHA :	N ITEM 14. IN ITEM 14 ARE MAD ANGES (such as chan pies to the issuing offi ation/contract subject in the amount of ted for the purp -2., Contract F	ges in pay ce. matter who f \$27,0 005e5 0	ving office, appropriat ion da ere (easible) 900 pursuant to 91 payment of
ITEM 10A. B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F C. THIS SUPPLEMENTAL AGRE D. OTHER (Specify type of mod IMPORTANT: Contractor X is 14. DESCRIPTION OF AMENDMENT/ The purpose of this modified the Section I clause entitle cost and fee are increased A. and B. are deleted in the Except as provided herein, all terms is	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE diffication and authori s not	(Conti	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINISTI FAR 43.103(b). NT TO AUTHORITY OF bis document and return F section headings, inclu- al incremental fur The total amount spectively. There ring is substitute inued) enced in Item 9A or 10A	RATIVE CH/ RATIVE CH/ :	N ITEM 14. IN ITEM 14 ARE MAD ANGES (such as chan pies to the issuing off ation/contract subject in the amount of ted for the purp -2., Contract F thereof:	ges in pay	ving office, appropriat ion da ere leasible) 100 pursuant to of payment of g, paragraphs red and in full force and effi
ITEM 10A. B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F C. THIS SUPPLEMENTAL AGRE D. OTHER (Specify type of mod E. IMPORTANT: Contractor X is 14. DESCRIPTION OF AMENDMENT/ The purpose of this modifi the Section I clause entitle cost and fee are increased A. and B. are deleted in th	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE diffication and authori s not	(Conti	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINISTI FAR 43.103(b). NT TO AUTHORITY OF bis document and return F section headings, inclu- al incremental fur The total amount spectively. There ring is substitute inued) enced in Item 9A or 10A	ESCRIBED I DET FORTH RATIVE CH/ RATIVE CH/ RATIVE CH/ CO Uding solicita anding in Ints allott refore, H d in lieu . a heretof E AND TITL	N ITEM 14. IN ITEM 14 ARE MAD ANGES (such as chan pies to the issuing offi ation/contract subject in the amount of ted for the purp (-2., Contract F thereof:	ges in pay	ving office, appropriat ion da ere leasible) 100 pursuant to of payment of g, paragraphs red and in full force and effi
<ul> <li>ITEM 10A.</li> <li>B. THE ABOVE NUMBERED CON etc) SET FORTH IN ITEM 14, F</li> <li>C. THIS SUPPLEMENTAL AGRE</li> <li>D. OTHER (Specify type of mod</li> <li>E. IMPORTANT: Contractor X is</li> <li>14. DESCRIPTION OF AMENDMENT/</li> <li>The purpose of this modified the Section I clause entitle cost and fee are increased</li> <li>A. and B. are deleted in the Section A section I clause in the Section I clause entitle cost and fee are increased</li> <li>A. and B. are deleted in the Section I clause in the Section I clause entitle cost and fee are increased</li> </ul>	JED PURSUANT TO NTRACT/ORDER IS PURSUANT TO THE EMENT IS ENTERE dification and authori s not	(Conti	ACT/ORDER NO. AS DE rity) THE CHANGES S FLECT THE ADMINISTI FAR 43.103(b). NT TO AUTHORITY OF this document and return F section headings, inclu- al incremental fur The total amount spectively. There ring is substitute inued) anced in Item 9A or 10A 16A. NAME	ESCRIBED I SET FORTH RATIVE CHA RATIVE CHA R	N ITEM 14. IN ITEM 14 ARE MAD ANGES (such as chan pies to the issuing offi ation/contract subject in the amount of ted for the purp (-2., Contract F thereof: ore changed, remains E OF CONTRACTING	ges in pay	ving office, appropriat ion da ere leasible) 100 pursuant to of payment of g, paragraphs red and in full force and effi

NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)

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

## Page 2 of 3

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,357,134. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1994.

B. An additional amount of \$371,102 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30 Mod. No <i>.</i> 31	0	0	0	0	
Mod. No. 31 Mod. No. 32	0	0	0	0	29,950
Mod. No. 32 Mod. No. 33	0	0	0	0	321,500
Mod. No. 33 Mod. No. 34	. 0	0	0	0	164,700 0
MOG. NO. 34	0	0	U	0	U

Page 3 of 3

	NASA Contra	<u>act NAS1-1892</u>	5 Tabulation S	summary	
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	<u>Funding</u>
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0 .	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0 <sup>°</sup>	0	0	0	60,000
Mod. No. 47	0	0	0	0 -	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0 700
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	. 0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	0	0	0	0	6,300 27,000
Mod. No. 65	<u>d10 070 000</u>		<u>0</u>	192 000	\$6,728,236
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	20,120,230

AMENDMENT OF SOLICITA ON/MODIFICATION OF CONTRACT  AMENDMENT/MODIFICATION NO.  AMENDMENT/MODIFICATION NO.  AMENDMENT/MODIFICATION NO.  AMENDMENT/MODIFICATION NO.  AMENDMENT/MODIFICATION NO.  AME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Amendment, Marked and Address of Contractor (No., street, county, State and ZIP Code)  Amendment, Mr. J. Scott Merrell  P. O. Box 12194  Research Triangle Institute  Attn: Mr. J. Scott Merrell  P. O. Box 12194  Research Triangle Park, NC 27709-2194  CODE  The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for rectended.  Code of this amendment prior to the hour and date specified for rectended.  Code of this amendment prior to the hour and date specified for rectended.  Code of this amendment prior to the solicitation of and amendment of LBY are reference to the solicitation of and amendment prior to the solicitation of and amendment of this amendment, and is received and amendment prior to the solicitation of and amendment prior to the solicitation of and amendment of the solicitation of the solicitation of and amendment prior to the solicitation and this amendment, and is received as the telegram or letter makes reference to the solicitation and amendment prior prior pra	98. AMENDM 98. OATED (S 10A. MODIFIC NO. NAS1-1 108. DATED ( 6/21/8 CITATIONS sipt of Offers as amended, by c eceipt of this ame t numbers. FAIL HOUR AND (	CODE ENT OF SOLI EE ITEM 11) CATION OF C .8925 SEE ITEM 13 9 is extended one of the folk andment on ea URE OF YOU DATE SPECIF	d, is not owing methods: och copy of the o JR ACKNOWLE FIED MAY RESL made by telegram	
CODE  National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194  CODE  I. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOL  The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for rectended.  Offers must acknowledge receipt of this amendment prior to the hour and date specified for rectended.  Offers must acknowledge receipt of this amendment prior to the hour and date specified for rectended.  Offers must acknowledge receipt of this amendment prior to the hour and date specified for rectended.  Offers must acknowledge receipt of this amendment prior to the solicitation and amendment in the EACE POR THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO T IN FEJECTION OF VOUR OFFER. If by virue of this amendment, you desire to change an offer already letter provided each talegram or letter makes reference to the solicitation and this amendment, and is received  I. Act on Appropriation DAPROPRIATION DATA (If required) PR 9240.2512; R14217; \$91,500 (Complete) Task 36  I. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTE IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IT ACT ORDER NO. IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 4  X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTR	98. AMENDM 98. OATED (S 10A. MODIFIC NO. NAS1-1 108. DATED ( 6/21/8 CITATIONS sipt of Offers as amended, by c eceipt of this ame t numbers. FAIL HOUR AND (	CODE L ENT OF SOLI EE ITEM II) CATION OF C .8925 SEB ITEM I3 9 is extended one of the folk andment on ea URE OF YOU DATE SPECIF	ONTRACT/ORC ) d, is not owing methods: ch copy of the o JR ACKNOWLE TED MAY RESL TED MAY RESL TED MAY RESL	
CODE         National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001         B. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)         Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194         CODE       [FACILITY CODE         11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOL         Offers must acknowledge receipt of this amendment prior to the hour and date specified for received.         (a) By completing items 8 and 15, and returningcopies of the amendment: (b) By acknowledging submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment prior to the bour and date specified in the solicitation and amendment prior to the solicitation and amendment of this amendment you desire to change an offer already         12. ACCOUNTING AND APPROPRIATION DATA (If required)         PR 9240.2512; R14217; \$91,500 (Complete) Task 36         13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTERT TO ROPER PRIOR TO TO THE AUTHORITY OF FAR 4         V       A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 4	98. AMENDMI 98. DATED (S 10A. MODIFIC NO. NAS1-1 108. DATED ( 6/21/8 CITATIONS sipt of Offers as amended, by c eccipt of this ame t numbers. FAIL HOUR AND (	CODE L ENT OF SOLI EE ITEM II) CATION OF C .8925 SEB ITEM I3 9 is extended one of the folk andment on ea URE OF YOU DATE SPECIF	ONTRACT/ORC ) d, is not owing methods: ch copy of the o JR ACKNOWLE TED MAY RESL TED MAY RESL TED MAY RESL	
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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for rec- tended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation of (a) By completing Items 8 and 15, and returning copies of the amendment: (b) By acknowledging is submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment MENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO T IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received 12. ACCOUNTING AND APPROPRIATION DATA ( <i>If required</i> ) PR 9240.2512; R14217; \$91,500 (Complete) Task 36 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTENT IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED <u>V</u> ) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FOR TRACT ORDER NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTR. <i>appropriation date, etc.</i> ) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 4	as amended, by c eccipt of this ame t numbers, FAIL HOUR AND (	one of the follo andment on ea URE OF YOU DATE SPECIF hange may be	owing methods: ich copy of the o JR ACKNOWLE IED MAY RESU made by telegram	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	IN ITEM 14.	4 ARE MADE		
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor X is not, is required to sign this document and return	copies	s to the issui	ng office.	
14. DESCRIPTION OF AMENOMENT/MODIFICATION (Organized by UCF section headings, including sol The purpose of this modification is to allot additional incre amount of \$91,500 pursuant to the Section I clause entitled, total amounts allotted for the purposes of payment of cost an \$86,451 and \$5,049, respectively. Therefore, H-2., Contract are deleted in their entirety and the following is substitute	nental fund 'Limitation 1 fee are Funding, Pa	ing in t n of Fund increased aragraphs	the is." The iby	
(CONTINUED ON ATTACHED PAGES) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as hereit				

15A. NAME AND TITLE OF SIGNER (Type or print)	RICHARD J. SIEBELS	0
158. CONTRACTOR/OFFEROR	ISC. DATE SIGNED 168. UNTER STATES OF MERCA	DER 30 19
(Signature of person authorized to sign)	(Signature of Contracting	Officer)
NSN 7540-01-152-6070 PREVIOUS EDITION UNUSABLE	30-105	STANDARD FORM 30 (REV. Prescribed by GSA FAR (48 CFR) 53.243

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## "H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,443,585. The above allotment covers the following period of performance: From the effective date of the contract through October 31, 1994.

B. An additional amount of \$376,151 is obligated under this contract for payment of fee."

• •	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic Contract Mod. No. 1 Mod. No. 2 Mod. No. 3 Mod. No. 4 Mod. No. 5 Mod. No. 5 Mod. No. 6 Mod. No. 7 Mod. No. 7 Mod. No. 8 Mod. No. 9 Mod. No. 9 Mod. No. 10 Mod. No. 10 Mod. No. 11 Mod. No. 12 Mod. No. 13 Mod. No. 14 Mod. No. 15 Mod. No. 15 Mod. No. 16 Mod. No. 16 Mod. No. 17 Mod. No. 18 Mod. No. 19 Mod. No. 20 Mod. No. 21 Mod. No. 23	Est. Cost \$10,272,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Fixed Fee \$600,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>CPFF</u> \$10,872,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		<pre>\$ 55,000 138,000 62,000 0 58,835 341,400 219,000 181,600 132,000 181,600 132,000 181,600 289,029 10,159 50,000 67,000 153,000 161,850 27,000 110,000 198,000 200,000 116,300 575,000 100,750</pre>
Mod. No. 24 Mod. No. 25 Mod. No. 26 Mod. No. 27 Mod. No. 28 Mod. No. 29 Mod. No. 30 Mod. No. 31 Mod. No. 32 Mod. No. 33 Mod. No. 34 Mod. No. 35	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0 0 0 0		54,000 81,815 55,700 372,200 9,600 54,900 0 29,950 321,500 164,700 0 81,300

# NASA CONTRACT NAS1-18925 TABULATION SUMMARY

Page 2 of 3 NAS1-18925 Modification No. 66

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Page 3 of 3 NAS1-18925 Modification No. 66

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AMENDMENT OF SOLICIT		DIFICATION O	F CONTRACT	1 ONTRACT ID CC	DDE	PAGE OF PAGE	ES 3
2. AMENDMENT/MODIFICATION NO. 67	3. EFFECTIVE DA JAN 04 19	TE 4. REC	UISITION/PURCHASE See Pa		5. PROJ	ECT NO. (If applica	ıble)
S. ISSUED BY CO	DDE	7. ADN	INISTERED BY (If a	ther than Item 6)	CODE		
National Aeronautics and S Langley Research Center Hampton, VA 23665-5225	pace Adminis	stration					
8. NAME AND ADDRESS OF CONTRACTO	R (No., street, cou	inty, State and ZIP Cod	θ) (.	) 9A. AMENDMENT O	F SOLICIT	ATION NO.	
Research Triangl	e Institute				_		
Attn: Mr. J. Scot	tt Merrell		ł	98. DATED (SEE /	TEM 11)		
P. O. Box 12194							
Research Triangle	e Park, NC 27	709-2194		10A. MODIFICATION			
				/	NAS1-1	8925	
CODE	FACILITY			10B. DATED (SEE )	тем 13) 6/21/	89	
		ONLY APPLIES TO A	MENDMENTS OF SC	LUCITATIONS			
(a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which inclue AT THE PLACE DESIGNATED FOR THE REC virture of this amendment you desire to change reference to the solicitation and this amendment	des a reference to t CEIPT OF OFFERS ge an offer already s nent, and is received	he solicitation and ame PRIOR TO THE HOUI submitted , such chang I prior to the opening h	endment numbers. FA R AND DATE SPECIFI je may be made by tei	ED MAY RESULT IN REJE legram or letter, provided	WLEDGEN CTION OF	VENT TO BE RECEIV YOUR OFFER. If by	VED
12. ACCOUNTING AND APPROPRIATION D	DATA (If Require	ad)					
		PLIES ONLY TO MOD					
<ul> <li>(√) A. THIS CHANGE ORDER IS ISSUED P ITEM 10A.</li> <li>B. THE ABOVE NUMBERED CONTRAC etc) SET FORTH IN ITEM 14, PURSU</li> </ul>	CT/ORDER IS MODI	FIED TO REFLECT TH	E ADMINISTRATIVE				
C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED IN	TO PURSUANT TO AU	THORITY OF:		<u>,</u>		
D. OTHER (Specify type of modification	on and authority)						
E. IMPORTANT: Contractor X is not ,	is requi	red to sign this docume	ant and return	copies to the issuing offic	Ð.		
14. DESCRIPTION OF AMENDMENT/MOD	FICATION (Organ	nized by UCF section h	eadings, including soli	citation/contract subject m	atter where	feasible)	
The purpose of this modificati the Section I clause entitled, "I cost and fee are increased by \$ A. and B. are deleted in their e	Limitation of \$343,159 and \$	Funds." The to \$20,041, respect	tal amounts alle ively. Therefor	otted for the purporte, H-2., Contract	oses of	payment of	
		(Continued)	Γ				
Except as provided herein, all terms and co	onditions of the doct	ument referenced in 1	m 9A or 10A, as here	tofore changed, remains u	Inchanged	and in full force and	effec
15A. NAME AND TITLE OF SIGNER (Type	or Print)			TLE OF CONTRACTING C ichard J. Stopels	TICER	(Type or Print)	
15B. CONTRACTOR/OFFEROR		5C. DATE SIGNED	BY Rela	ES OF AMERICA		16C. DATE SIG	NED
(Signature of person authorized to sign NSN 7540-01-152-8070	7/		Sign	ature of Contracting Office	1		

Page 2 of 3

NAS1-18925 Modification No. 67

# "H-2. <u>Contract Funding</u>

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,786,744. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$396,192 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	Fixed_Fee	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	20.050
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700 0
Mod. No. 34	0	0	0	0	U

Page 3 of 3

NASA Contract NAS1-18925 Tabulation Summary							
	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding		
Mod. No. 35	0	0	0	0	81,300		
Mod. No. 36	0	0	0	0	207,500		
Mod. No. 37	0	0	0	0	254,500		
Mod. No. 38	0	0	0	0	137,400		
Mod. No. 39	0	0	0	0	55,248		
Mod. No. 40	0	0	0 .	0	205,200		
Mod. No. 41	0	0	0	0	55,300		
Mod. No. 42	0	0	0	0	95,800		
Mod. No. 43	0	0	0	0	81,500		
Mod. No. 44	0	0	0	0	16,500		
Mod. No. 45	0	0	0	0	200,300		
Mod. No. 46	0	0	0	0	60,000		
Mod. No. 47	0	0	0	0	89,300		
Mod. No. 48	0	0	0	0	0		
Mod. No. 49	0	0	0	0	23,900		
Mod. No. 50	0	Q	0	0	236,400		
Mod. No. 51	0	0	0	0	0		
Mod. No. 52	0	0	0	0	65,000		
Mod. No. 53	0	0	0	0	27,200		
Mod. No. 54	0	0	0	0	0		
Mod. No. 55	0	0	0	0	19,200		
Mod. No. 56	0	0	0	0	54,500		
Mod. No. 57	0	0	0	0	98,600		
Mod. No. 58	0	0	0	0	0		
Mod. No. 59	0	0	0	0	0		
Mod. No. 60	0	0	0	0	8,700		
Mod. No. 61	0	0	0	0	125,000		
Mod. No. 62	0	0	0	0	47,000		
Mod. No. 63	0	0	0	0	8,700		
Mod. No. 64	0	0	0	0	6,300		
Mod. No. 65 Mod. No. 66	0	0	0	0	27,000		
Mod. No. 66 Mod. No. 67	0	0	0	0	91,500 <u>363,200</u>		
Total	\$10,272,000	<u> </u>	\$10,872,000	182,000	\$7,182,936		
IUCAI	Ψ±0,272,000	9000,000	φ±0,072,000	102,000	Y1,102,000		

# Accounting and Appropriation Data

PR 9240.2513; R14219; \$200,000 (Complete) (Task 37) PR 9240.2515; HP110P; \$149,400 (Complete) (Task 38) PR 9240.2516; R18488; \$ 13,800 (Complete) (Task 19 rev.)

AMENDMENT OF SOLICITATIC	F CONTRACT		DE PAGE OF PAGES			
2. AMENDMENT/MODIFICATION NO. 3. EFFEC 68 FEB	TVE DA 1994 4. RE	QUISITION/PURCHASE		5. PROJECT NO. (If applicable)		
6. ISSUED BY CODE	7. AC	MINISTERED BY (If	other than Item 6)	CODE		
National Aeronautics and Space Admi Langley Research Center	nistration					
Hampton, VA 23681-0001						
	eet, county, State and ZIP Co	de) (	✓) 9A. AMENDMENT OF	SOLICITATION NO.		
Research Triangle Institute						
Attn: Mr. J. Scott Merrell			98. DATED (SEE IT	EM 11)		
P. O. Box 12194 Research Triangle Park, NC 2	7700 2104	Ļ				
Research Mangle Park, NC 2	7709-2194		V N	DF CONTRACT/ORDER NO. IAS1-18925		
CODE			10B. DATED (SEE IT	6/21/89		
	ITEM ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	······		
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 amendement ; (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 virture 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 (III See Page 3	Required)					
	TEM APPLIES ONLY TO MO DIFIES THE CONTRACT/OR					
<ul> <li>(√) A. THIS CHANGE ORDER IS ISSUED PURSUANT ITEM 10A.</li> <li>B. THE ABOVE NUMBERED CONTRACT/ORDER IS</li> </ul>		IE ADMINISTRATIVE C				
SET FORTH IN ITEM 14, PURSUANT TO	<u></u>		<u> </u>			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTER	ED INTO PURSUANT TO AU					
D. OTHER (Specify type of modification and autho	rity)					
E. IMPORTANT: Contractor X Is not ,	is required to sign this doc	ment and return	copies to the issuing office.	<u> </u>		
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by UCF section	headings, including soli	citation/contract subject matte	er where feasible)		
The purpose of this modification is to allo clause entitled, "Limitation of Funds." Th \$142,479 and \$8,321, respectively. They the following is substituted in lieu thereof	he total amounts allow efore, H-2., Contract	ted for the purpo	ses of payment of co	st and fee are increased by		
	(Continued)					
Except as provided herein, all terms and conditions of the	document referenced in Item	9A or 10A, as heretofore	changed, remains unchange	d and in full force and effect.		
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TI	TLE OF CONTRACTING OF James Y. Taylor	FICER (Type or Print)		
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY	ES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)			nature of Contracting (filcer)			
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		30-105		STANDARD FORM 30 (Rev 10-83) Prescribed by GSA FAR (48 CFR) 53.243		

### Page 2 of 3

NAS1-18925 Modification No. 68

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$6,929,223. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$404,513 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	<i>q,,</i> 0	0	0	0	138,000
Mod. No. 2	Ō	Ō	0	0	62,000
Mod. No. 3	Ō	Ō	0	0	0
Mod. No. 4	Ō	0	0	0	58,835
Mod. No. 5	0	0	· 0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	0	0	0	0	54,900
Mod. No. 30	0	0	0	0	0
Mod. No. 31	0	0	0	0	29,950
Mod. No. 32	0	0	0	0	321,500
Mod. No. 33	0	0	0	0	164,700
Mod. No. 34	0	0	0	0	0

Page 3 of 3

				<u></u>	
	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	<u>Hours</u>	Funding
	•	•		•	
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0_	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	Q	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	. 0
Mod. No. 52	Ō	Ő	Ō	Ō	65,000
Mod. No. 53	Ő	Ō	0	Ō	27,200
Mod. No. 54	Õ	0	0	Ō	0
Mod. No. 55	0	Ő	0 0	Õ	19,200
Mod. No. 56	Õ	Õ	Ő	õ	54,500
Mod. No. 57	Ő	õ	Ő	Õ	98,600
Mod. No. 58	0 0	ő	0	Ő	0
Mod. No. 59	0 0	ů 0	0	õ	Ő
Mod. No. 60	Ő	0	0 0	0	8,700
Mod. No. 61	. 0	0	0	0 0	125,000
Mod. No. 62	0	0	0	ő	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	0	0	0	0	6,300
Mod. No. 65	-	0	0		
Mod. No. 65 Mod. No. 66	0	0	0	0	27,000
	0	0	0	0	91,500
	•	0	0	0	363,200
Mod. No. 68				$\frac{0}{100,000}$	150,800
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$7,333,736

# NASA Contract NAS1-18925 Tabulation Summary

# Accounting and Appropriation Data

PR 3400.1133; R14458; \$137,000 (Complete)(Task 8 rev.) PR 9240.2523; R18488; \$ 13,800 (Complete) (Task 19 rev.)

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AMENDMENT OF SOLICITATION ODIFICATION OF CONTRA							PAGE 1	OF PAGES
2. AMENDMENT/MODIFICATION NO. 69	3. EFFECTIVE DATE	1	QUISITION/PURCH	ASE REG Page		5. PR(	DJECT NO.	(If applicable)
6. ISSUED BY CC	DDE		MINISTERED BY	(If other	than Item 6)		ε	
National Aeronautics and Spa	ce Administration							
Langley Research Center								
Hampton, VA 23681-0001								
8. NAME AND ADDRESS OF CONTRACTOR	, , , , , , , , , , , , , , , , , , , ,	State and ZIP Co	de)	(√)	9A. AMENDMENT OF	SOLICI	TATION NO	·
Research Triangle Ins								
Attn: Mr. J. Scott Me P. O. Box 12194	errell				9B. DATED (SEE IT.	EM 11)		
Research Triangle Pa	rk NC 27709-210	) <b>A</b>			<u> </u>			
	IR, IVC 27709-219	-			10A. MODIFICATION C		18925	DER NO.
CODE	FACILITY CODE	<u> </u>			10B. DATED (SEE IT	ем 13) 6/21	/89	
	11. THIS ITEM ONLY		AMENDMENTS C	FSOL	ICITATIONS			
The above number 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 amendement ; (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 QFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virture 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 DA	12. ACCOUNTING AND APPROPRIATION DATA (It Required) See Page 3							
	13. THIS ITEM APPLIE IT MODIFIES THE		DIFICATIONS OF CO					
(√) A. THIS CHANGE ORDER IS ISSUED P ITEM 10A.	URSUANT TO : (Specif	y Authority) Th	IE CHANGES SET F	ORTHI	N ITEM 14 ARE MADE I		CONTRACT	VORDER NO. IN
B. THE ABOVE NUMBERED CONTRACT etc) SET FORTH IN ITEM 14, PU				CHANG	GES (such as changes	i∩ paylr	ng office, ap	propriat ion date,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PUP	RSUANT TO AUT	HORITY OF:					····
D. OTHER (Specity type of modification	n and authority)						<u></u>	
E. IMPORTANT: Contractor X is not ,	is required	to sign this docu	ment and return	 cop	vies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIF	ICATION (Organized	by UCF section h	neadings, Including so	olicitatio	n/contract subject matte	r where	feasible)	
The purpose of this modification is to allot additional incremental funding in the amount of \$118,600 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$112,056 and \$6,544, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:								
Except as provided herein, all terms and condi		ontinued) erenced in Item 9.	A or 10A, as heretofo	re chan	ged, remains unchanged	d and in :	full force and	d effect.
15A. NAME AND TITLE OF SIGNER (Type a	بريهي بالبيهي المعانية بمعاد فالكري فاكتر والاكتر			TITLE C	DF CONTRACTING OFF nes Y. Taylor		(Type or P	
158. CONTRACTOR/OFFEROR	15C. D.	ATE SIGNED	168. UNITED ST				16C. I	DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070				natre	of Contracting Officer)		-mak	0 9 1324
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		30	0-105	١	¥	Prescrib	ARD FORM 3 red by GSA I CFR) 53.243	•

# Page 2 of 3

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# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$7,041,279. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$411,057 is obligated under this contract for payment of fee."

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	<u>Est. Cost</u>	<u>Fixed Fee</u>	CPFF	Hours	Funding
Basic				<del></del>	<u>r anarny</u>
Contract	\$10,272,000	\$600,000	A10 000 000	'	
Mod. No. 1	0	\$000,000 0	\$10,872,000	182,000	\$55,000
Mod. No. 2	0 0	0	0	0	138,000
Mod. No. 3	Ő	0	0	0	62,000
Mod. No. 4	0	0 0	0	0	0
Mod. No. 5	0	Ő	0	0	58,835
Mod. No. 6	0	Ő	0	0	341,400
Mod. No. 7	0	Ő	0	0	219,000
Mod. No. 8	0	Ō	0	0	181,600
Mod. No. 9	0	Ō	0	0	132,000
Mod. No. 10	0	Ō	0 0	0	18,000
Mod. No. 11	0	0	Ő	0	32,600
Mod. No. 12 Mod. No. 13	0	0	Ő	0	289,029
	0	0	Ō	· Õ	10,159 50,000
Mod. No. 14 Mod. No. 15	0	· · · · 0	Ō	õ	67,000
Mod. No. 15 Mod. No. 16	0	0	Ō	õ	153,000
Mod. No. 17	0	0	0	Ō	161,850
Mod. No. 18	0	0	0	Ō	27,000
Mod. No. 19	0	0	0	Ō	110,000
Mod. No. 20	0	0	0	0	198,000
Mod. No. 21	0	0	0	0	200,000
Mod. No. 22	0	0	0	0	116,300
Mod. No. 23	0	0	0	0	575,000
Mod. No. 24	0	0	0	0	100,750
Mod. No. 25	0	0	0	0	54,000
Mod. No. 26	õ	0	0	0	81,815
Mod. No. 27	Ö	0	0	0	55,700
Mod. No. 28	Ő	0	0	0	372,200
Mod. No. 29	0 0	0	0	0	9,600
Mod. No. 30	Õ	0	0	0	54,900
Mod. No. 31	Õ	0	0	0	0
Mod. No. 32	Ō	Ő	0	0	29,950
Mod. No. 33	0	0	0	0	321,500
Mod. No. 34	0	0	0	0	164,700
		v	0	0	0

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	<u>Est. Cost</u>	Fixed Fee	CPFF	<u>Hours</u>	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0,	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	. 0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0,	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0 0	27,200 0
Mod. No. 54 Mod. No. 55	0	0	0	0	19,200
Mod. No. 55 Mod. No. 56	0	0	0	0	54,500
Mod. No. 57 Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0 0	0	ŏ	0
Mod. No. 59	Ö	ŏ	0	ŏ	0 0
Mod. No. 60	ů 0	Ő	Ő	õ	8,700
Mod. No. 61	Õ	Ő	0 0	õ	125,000
Mod. No. 62	Õ	Ő	0	õ	47,000
Mod. No. 63	Ō	Ō	0	Ō	8,700
Mod. No. 64	Ō	Ō	Õ	Ō	6,300
Mod. No. 65	Ő	Ő	Ō	Ō	27,000
Mod. No. 66	Ő	Ő	0	Ō	91,500
Mod. No. 67	Ö	Ō	Ō	Ō	363,200
Mod. No. 68	Ō	Ō	Ō	0	150,800
Mod. No. 69	0	0	0	0	118,600
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$7,452,336

# NASA Contract NAS1-18925 Tabulation Summary

# Accounting and Appropriation Data

PR 9240.2542; R18457; \$58,600 (Complete) (Task 39) PR 9240.2534; R14239; \$60,000 (Complete) (Task 35 rev.)

AMENDMENT OF SOLICITATIC /ODIFICATION OF CONTRACT				* INTRACT ID CO	DE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 70	3. EFFECTIVE DATE APR 0 4 1994	4. REQUISITION/PURCHA	SE RE		5. PRO	JECT NO. (If applicable)
6. ISSUED BY COD	DE	7. ADMINISTERED BY	'll other	than item 6)	CODE	
National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001	e Administration					_
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and	I ZIP Code)	()	9A. AMENDMENT OF	SOLICIT	ATION NO.
Research Triangle Inst	itute					
Attn: Mr. J. Scott Mer	rtell			9B. DATED (SEE IT	EM 11)	
P. O. Box 12194						
Research Triangle Parl	<, NC 27709-2194		7	10A. MODIFICATION ON	F CONT	
CODE				10B. DATED (SEE ITE	EM 13) 6/21/	89
	FACILITY CODE		Eeor			
Offers must acknowledge receipt of this amendm (a) By completing items 8 and 15, and returning (c) By separate letter or telegram which includes PLACE DESIGNATED FOR THE RECEIPT OF C amendment you desire to change an offer alread and this amendment, and is received prior to the 12. ACCOUNTING AND APPROPRIATION DAT	copies of the amendemer a reference to the solicitation an DFFERS PRIOR TO THE HOUR y submitted , such change may b opening hour and date specified	nt ; (b) By acknowledging recei Id amendment numbers. FAIL AND DATE SPECIFIED MAY De made by telegram or letter,	ipt of th URE O RESU	is amendment on each o F YOUR ACKNOWLED T IN REJECTION OF Y	OUR OF	e offer submitted; or TO BE RECEIVED AT THE FER. If by virture of this
PR DIE^.2551; R18486; \$2,500 (	1					
	13. THIS ITEM APPLIES ONLY IT MODIFIES THE CONTRA	TO MODIFICATIONS OF COL ACT/ORDER NO. AS DESCRI				
A. THIS CHANGE ORDER IS ISSUED PUIL         ITEM 10A.         B. THE ABOVE NUMBERED CONTRACT/	ORDER IS MODIFIED TO REFL	ECT THE ADMINISTRATIVE				ONTRACT/ORDER NO. IN
C. THIS SUPPLEMENTAL AGREEMENT I	S ENTERED INTO PURSUANT					
D. OTHER (Specify type of modification	and authority)					······································
E. IMPORTANT: Contractor X is not,	is required to sign t	his document and return		pies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIFIC		section headings, including so				easible)
The purpose of this modification is clause entitled, "Limitation of Fun \$2,362 and \$138, respectively. The following is substituted in lieu the	ds." The total amounts herefore, H-2., Contrac	allotted for the purp	oses o	of payment of cos	t and f	ee are increased by
	(Continue	ed)				
Except as provided herein, all terms and condition	ons of the document referenced i	in Item 9A or 10A, as heretofo	re chan	ged, remains unchanged	and in f	uli force and effect.
15A. NAME AND TITLE OF SIGNER (Type or )	Print)	16A. NAME AND 1		F CONTRACTING OFF nice H. Clark	ICER	(Type or Print)
158. CONTRACTOR/OFFEROR	15C. DATE SIG		TES O	- 0	lan	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070		(Sk		of Contracting Officer)		
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)		30-105			Prescribe	RD FORM 30 (Rev 10-83) d by GSA CFR) 53.243

### Page 2 of 3

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$7,043,641. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$411,195 is obligated under this contract for payment of fee."

# \*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	- <u>CPFF</u>	Hours	Funding
Basic				<u></u>	runging
Contract	\$10,272,000	\$600 000	<b>440 0 0 0 0 0</b>	,	
Mod. No. 1	0	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 2	Ő	0	0	0	138,000
Mod. No. 3	Ō	ŏ	0 0	0	62,000
Mod. No. 4	0	Õ	0	0	0
Mod. No. 5	0	Ō	0	0	58,835
Mod. No. 6	0	0	0	0 0	341,400
Mod. No. 7 Mod. No. 8	0	0	Ő	0	219,000
Mod. No. 9 Mod. No. 9	0	0	Ő	Ö	181,600 132,000
Mod. No. 10	0	0	Ō	õ	18,000
Mod. No. 11	0	0	0	Õ	32,600
Mod. No. 12	0	0	0	Ō	289,029
Mod. No. 13	0	0	0	0	10,159
Mod. No. 14	0	0	0	0	50,000
Mod. No. 15	0	0	0	0	67,000
Mod. No. 16	0	0	0	0	153,000
Mod. No. 17	õ	0 0	0	0	161,850
Mod. No. 18	Ō	0	0	0	27,000
Mod. No. 19	0	0	0	0	110,000
Mod. No. 20	0	Õ	0	0	198,000
Mod. No. 21	0	Ō	0	0	200,000
Mod. No. 22	0	0	Ö	0 0	116,300
Mod. No. 23 Mod. No. 24	0	0	õ	0	575,000
Mod. No. 24 Mod. No. 25	0	0	Ō	õ	100,750 54,000
Mod. No. 26	0	0	0	õ	81,815
Mod. No. 27	0	0	0	Ō	55,700
Mod. No. 28	0	0	0	0	372,200
Mod. No. 29	0	0	0	0	9,600
Mod. No. 30	0	0	0	0	54,900
Mod. No. 31	Ő	0	0	0	0
Mod. No. 32	Ő	0 0	0	0	29,950
Mod. No. 33	õ	0	0	0	321,500
Mod. No. 34	0	ŏ	0	0	164,700
		÷	U	0	0

Page 3 of 3

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	Õ	Ő	Ő	0	207,500
Mod. No. 37	Ō	Ō	Õ	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0 ·	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0 0	236,400
Mod. No. 51 Mod. No. 52	0 0	0 0	0	0	0 65,000
Mod. No. 52 Mod. No. 53	0	0	0	0	27,200
Mod. No. 53	0	0	0	0	27,200
Mod. No. 55	õ	0	0	ŏ	19,200
Mod. No. 56	õ	0	0 0	Õ	54,500
Mod. No. 57	Õ	Õ	Ő	. 0	98,600
Mod. No. 58	Ō	Ō	Ō	0	0
Mod. No. 59	Ō	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	0	0	0	0	-6,300
Mod. No. 65	0	0	0	0	27,000
Mod. No. 66	0	0	0	0	91,500
Mod. No. 67	0	0	0	0	363,200
Mod. No. 68	0	0	0	0	150,800
Mod. No. 69	0	0	0	0	118,600
Mod. No. 70	0	0	0	0	2,500
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$7,454,836

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AMENDMENT OF SOLICIT	ATIO 10DIFICATI	ON OF CONTRAC		ODE PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 71	APR 2 9 1994	4. REQUISITION/PURCHA	SE REQ. NO. V/A	5. PROJECT NO. (If applicable)
6. ISSUED BY CO	DE	7. ADMINISTERED BY	If other than item 6)	
National Aeronautics and Spa	ce Administration			
Langley Research Center				
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and	1 7IP Code)	(√) 9A. AMENDMENT O	F SOLICITATION NO.
Research Triangle Ins				
Attn: Mr. J. Scott Me			98. DATED (SEE	(TEM 11)
P. O. Box 12194				,
Research Triangle Pa	rk NC 27709-2194			
Research Thangie Ta	IK, INC 27707-2174			I OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE	ITEM 13)
CODE	FACILITY CODE		IUB. DATED	6/21/89
	11. THIS ITEM ONLY APPL	IES TO AMENDMENTS C	F SOLICITATIONS	
The above number solicitation is amen Offers must acknowledge receipt of this amend	ded as set forth in item 14. The i	nour and date specified for rec		extended, is not extended.
(a) By completing items 8 and 15, and returning (c) By separate letter or telegram which include PLACE DESIGNATED FOR THE RECEIPT OF amendment you desire to change an offer alree and this amendment, and is received prior to the second second se	es a reference to the solicitation a OFFERS PRIOR TO THE HOU ady submitted , such change may	nd amendment numbers. FAI R AND DATE SPECIFIED MA' be made by telegram or letter	LURE OF YOUR ACKNOWL	F YOUR OFFER. If by virture of this
12. ACCOUNTING AND APPROPRIATION D $N/A$	ATA (If Required)			
	13. THIS ITEM APPLIES ONLY	TO MODIFICATIONS OF CO		
(√) A. THIS CHANGE ORDER IS ISSUED F				
(V) A. THIS CHANGE ORDER IS ISSUED F ITEM 10A. B. THE ABOVE NUMBERED CONTRAC				ges in paying office, appropriat ion date,
etc) SET FORTH IN ITEM 14, P	URSUANT TO THE AUTHORITY	' of FAR 43.103(b).		
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUAN	IT TO AUTHORITY OF:	······································	
Mutual Agreement				
D. OTHER (Specify type of modificati	on and authority)			
E. IMPORTANT: Contractor is no	t, X is required to sign	n this document and return	copies to the issuing of	fice.
Lane symmet		·····		
14. DESCRIPTION OF AMENDMENT/MODI	FICATION (Organized by UC	F section headings, including	solicitation/contract subject m	
The purpose of this modification Contract Schedule is therefore r	-	ment for submission o	of quarterly financial	management reports. The
	(Contin	ued)		
Except as provided herein, all terms and cor	ditions of the document reference	ed in Item 9A or 10A, as heret	ofore changed, remains uncha	inged and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type	J. Scott Merre.	16A. NAME AN	D TITLE OF CONTRACTING Panice H. Clark	OFFICER (Type or Print)
158. CONTRACTORIOFFEROR	Contracting Office	GNED 168. UNITED S	TATES OF AMERICA	16C. DATE SIGNED
1. Any The	ell 1600	DI	Pance A. C	lare Horad
Signature of person authorized to signature of person authorized to signature NSN 540-01-152-8070		30-105	Signature of Contracting Offic	STANDARD FORM 30 (Rev 10-83)
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)				Prescribed by GSA FAR (48 CFR) 53.243

# Page 2 of 3

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I. Exhibit A, <u>Contract Documentation Requirements</u>, paragraph I.C, <u>Quarterly Financial Management Report</u>, is hereby deleted in its entirety.

II. All other terms and conditions remain unchanged.

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	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Basic				•	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17 Mod. No. 18	0	0	0	0	27,000
Mod. No. 18 Mod. No. 19	0	0	0	0	110,000
Mod. No. 19 Mod. No. 20	0	0	0	0	198,000
Mod. No. 20 Mod. No. 21	0	. 0	0	0	200,000
Mod. No. 21 Mod. No. 22	0	0	0	0	116,300
Mod. No. 22 Mod. No. 23	0	0	0	0	575,000
Mod. No. 24	0	0	0	0	100,750 54,000
Mod. No. 25	0	0 0	0	0 0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28	0	0	0	0	9,600
Mod. No. 29	õ	0	õ	õ	54,900
Mod. No. 30	Ő	0	õ	Ő	J∓,500 0
Mod. No. 31	õ	0 0	õ	ŏ	29,950
Mod. No. 32	Ő	0	ő	õ	321,500
Mod. No. 33	Ő	õ	õ	õ	164,700
Mod. No. 34	Ő	õ	. 0	õ	0
Mod. No. 35	0	õ	0	Õ	81,300
Mod. No. 36	Ő	Ğ	Ō	Ő	207,500
Mod. No. 37	Ő	õ	õ	õ	254,500
Mod. No. 38	0	õ	Ő	Ō	137,400
Mod. No. 39	Õ	0 0	0	Ō	55,248
Mod. No. 40	0	ů 0	Ő	Õ	205,200
	-	•	-	-	•

NASA Contract NAS1-18925 Tabulation Summary Fixed Fee <u>Est. Cost</u> <u>CPFF</u> Hours Mod. No. 41 Mod. No. 42 0 0 0 Δ Δ Δ

Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0 <sup>`</sup>	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	. 0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	Ó	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	. 0	0	0	0	6,300
Mod. No. 65	0	0	0	0	27,000
Mod. No. 66	0	0	0	0	91,500
Mod. No. 67	0	0	0	0	363,200
Mod. No. 68	0	0	0	0	150,800
Mod. No. 69	0	. 0	0	0	118,600
Mod. No. 70	0	0	0	0	2,500
Mod. No. 71	0	0	0	0	0
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$7,454,836
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Page 3 of 3

Funding

AMENDMENT OF SOLICITATION	ODIFICATION O	F CONTRACT	1. CONTRACT ID CO	DE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 72 APR 1	E DATE 4. REG 4 1994	DUISITION/PURCHASE F		5. PROJ	ECT NO. (If applicable)
6. ISSUED BY CODE	7. AD	MINISTERED BY (If oth	er than item 6)	CODE	
National Aeronautics and Space Adminis Langley Research Center	tration				
Hampton, VA 23681-0001					
	county, State and ZIP Cod	e) (V)	9A. AMENDMENT OF	SOLICITA	TION NO.
Research Triangle Institute					
Attn: Mr. J. Scott Merrell			9B. DATED (SEE IT	EM 11)	
P. O. Box 12194 Receptor Triangle Park, NC 277	00 2104				
Research Triangle Park, NC 277	09-2194	J		IAS1-1	
CODE			10B. DATED (SEE IT	EM 13) 6/21/8	39
	TY CODE				
The above number solicitation is amended as set forth				ended.	is not extended.
(c) By separate letter or telegram which includes a reference to PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIC amendment you desire to change an offer already submitted, s and this amendment, and is received prior to the opening hour	of the amendement ; (b) By the solicitation and amend R TO THE HOUR AND DA such change may be made t and date specified.	acknowledging receipt of ment numbers. FAILURE TE SPECIFIED MAY RES	this amendment on each of OF YOUR ACKNOWLED OLT IN REJECTION OF Y	COPY of the GEMENT OUR OFF	offer submitted; or TO BE RECEIVED AT THE ER. If by virture of this
12. ACCOUNTING AND APPROPRIATION DATA (IT RO PR DIE .2548; HP110XP; \$16,300 (Comple	quired) ete) (Task 26 & 27	revision)			
	APPLIES ONLY TO MOD				
(√) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO ITEM 10A.	: (Specify Authority) TH	E CHANGES SET FORT	H IN ITEM 14 ARE MADE	IN THE CO	ONTRACT/ORDER NO. IN
8. THE ABOVE NUMBERED CONTRACT/ORDER IS M           etc)         SET FORTH IN ITEM 14, PURSUANT TO T			NGES (such as changes	s in paying	office, appropriat ion date,
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED	INTO PURSUANT TO AUT	HORITY OF:			
D. OTHER (Specify type of modification and authority)					
					· · · · · · · · · · · · · · · · · · ·
E. IMPORTANT: Contractor X is not, i	s required to sign this docur	ment and return	copies to the issuing office		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (C	rganized by UCF section h	eadings, including solicita	tion/contract subject matte	r where fe	asible)
The purpose of this modification is to allot a clause entitled, "Limitation of Funds." The \$15,401 and \$899, respectively. Therefore, following is substituted in lieu thereof:	total amounts allott	ed for the purpose	s of payment of cos	st and f	ee are increased by
	(Continued)				
Except as provided herein, all terms and conditions of the doc	ument referenced in Item 9.	A or 10A, as heretofore ch	nanged, remains unchange	id and in fu	Il force and effect.
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITL	E OF CONTRACTING OF		Type or Print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070			ire of Contracting Officer)		- 4-14-94
PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)	30	⊧105		Prescribed	<b>ID FORM 30</b> (Rev 10-83) 1 by GSA 3 FR) 53.243

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$7,059,042. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$412,094 is obligated under this contract for payment of fee."

\*\*\*\*\*

	<u>Est. Cost</u>	Fixed Fee	CPFF	<u>Hours</u>		Funding
Basic				,		
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$	55,000
Mod. No. 1	0	0	0	0	т	138,000
Mod. No. 2	Ō	Ő	Ō	Ō		62,000
Mod. No. 3	Ō	Ő	0 0	Ō		0
Mod. No. 4	Ō	Ō	0	Ō		58,835
Mod. No. 5	Ō	Ō	Ō	Ō		341,400
Mod. No. 6	Ō	Ō	Ō	Ō		219,000
Mod. No. 7	Ö	Ō	Ō	Ō		181,600
Mod. No. 8	Ó	Ō	Ō	Ō		132,000
Mod. No. 9	0	Ō	Ō	0		18,000
Mod. No. 10	Ö	Ō	Ō	0		32,600
Mod. No. 11	0	Ō	Ō	Ō		289,029
Mod. No. 12	0	Õ	Ō	Ō		10,159
Mod. No. 13	0	Ō	0	0		50,000
Mod. No. 14	. 0	0	0	0		67,000
Mod. No. 15	0	0	0	0		153,000
Mod. No. 16	0	0	0	0		161,850
Mod. No. 17	0	0	0	0		27,000
Mod. No. 18	0	0	0	0		110,000
Mod. No. 19	0	0	0	0		198,000
Mod. No. 20	0	0	0	0		200,000
Mod. No. 21	0	0	0	0		116,300
Mod. No. 22	0	0	0	0		575,000
Mod. No. 23	0	0	0	0		100,750
Mod. No. 24	0	0	0	0		54,000
Mod. No. 25	0	0	0	0		81,815
Mod. No. 26	0	0	0	0		55,700
Mod. No. 27	0	0	0	0		372,200
Mod. No. 28	0	0	0	0		9,600
Mod. No. 29	0	0	0	0		54,900
Mod. No. 30	0	0	0	0		. 0
Mod. No. 31	0	0	0	Ō		29,950
Mod. No. 32	0	0	0	Ō		321,500
Mod. No. 33	0	0	0	0		164,700
Mod. No. 34	0	0	0	0		0

Page 3 of 3

	<u>Est. Cost</u>	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	-0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41 Mod. No. 42	0 0	0	0 ·	0	55,300
Mod. No. 42 Mod. No. 43	0	0	0	0 0	95,800
Mod. No. 43 Mod. No. 44	0	0	0	0	81,500 16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	- 0	0	Ö	Ö	60,000
Mod. No. 47		. 0	0 0	õ	89,300
Mod. No. 48	0	Ő	õ	Ő	02,200
Mod. No. 49	Ő	0	0	Ō	23,900
Mod. No. 50	Ō	0	Ō	Ō	236,400
Mod. No. 51	0	0	0	0	. 0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63 Mod. No. 64	0	0	0	0	8,700
Mod. No. 64 Mod. No. 65	0	0	0	0	6,300
Mod. No. 66	0 0	0	0 0	0 0	27,000 91,500
Mod. No. 67	0	0	0	0	363,200
Mod. No. 68	0	0	0	0	150,800
Mod. No. 69	0	0	0	0	118,600
Mod. No. 70	0	0	0	Ő	2,500
Mod. No. 71	õ	0 0	õ	Ő	2,300
Mod. No. 72	Õ	Ő	Õ	0 0	16,300
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$7,471,136

AMENDMENT OF SOLICITATIC MODIFICAT	ION OF CONTRAC	T NTRACT ID CC	DDE PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 73 3. FEECTIVE BATE 994	4. REQUISITION/PURCHA	SE REQ. NO. Page 3	5. PROJECT NO. (If applicable)
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			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and	d 7/P Codol	(√) 9A. AMENDMENT OF	
Research Triangle Institute		(√) 9A. AMENDMENT OF	SUCCEATION NO.
Attn: Mr. J. Scott Merrell		9B. DATED (SEE IT	TEM 11)
P. O. Box 12194			
Research Triangle Park, NC 27709-2194		, I	OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE IT	ГЕМ 13) 6/21/89
11. THIS ITEM ONLY APPL	IES TO AMENDMENTS O		
<ul> <li>(c) By separate letter or telegram which includes a reference to the solicitation as PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUF amendment you desire to change an offer already submitted , such change may and this amendment, and is received prior to the opening hour and date specified</li> <li>12. ACCOUNTING AND APPROPRIATION DATA (It Required)</li> </ul>	pecified in the solicitation or as ont ; (b) By acknowledging rece nd amendment numbers. FAIL R AND DATE SPECIFIED MAY be made by telegram or letter,	amended, by one of the follow ipt of this amendment on each URE OF YOUR ACKNOWLEE RESULT IN REJECTION OF	copy of the offer submitted; or DGEMENT TO BE RECEIVED AT THE- YOUR OFFER. If by virture of this
See Page 3			
13. THIS ITEM APPLIES ONLY IT MODIFIES THE CONTR	TO MODIFICATIONS OF CO ACT/ORDER NO. AS DESCRI		
<ul> <li>(√) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify Author ITEM 10A.</li> <li>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFI etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY</li> </ul>	LECT THE ADMINISTRATIVE		IN THE CONTRACT/ORDER NO. IN
V 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)			<u></u>
E. IMPORTANT: Contractor X is not, is required to sign	this document and return	copies to the issuing office	<b>8.</b>
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF	section headings, including so		ər where feasible)
The purpose of this modification is to allot additional inc clause entitled, "Limitation of Funds." The total amount \$63,870 and 3,730, respectively. Therefore, H-2., Contr following is substituted in lieu thereof:	s allotted for the purp	oses of payment of co	st and fee are increased by
(Continu	ed)		
Except as provided herein, all terms and conditions of the document referenced	l in Item 9A or 10A, as heretofo	re changed, remains unchange	ed and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND	TITLE OF CONTRACTING OF Panice H. Clark	FICER (Type or Print)
15B. CONTRACTOR/OFFEROR 15C. DATE SK	BY 3		lark 16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070	(Sk 30-105	gnature of Contracting Officer)	STANDARD FORM 30 (Rev 10-83)
PREVIOUS EDMONS UNUSABLE NASA - Langley Overprint (DEC 1986)			Prescribed by GSA FAR (48 CFR) 53.243

#### Page 2 of 3

#### NAS1-18925 Modification No. 73

# "H-2. Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$7,122,912. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$415,824 is obligated under this contract for payment of fee."

#### \*\*\*\*\*

	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Basic				,	
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	Ō	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Mod. No. 16	0	0	0	0	161,850
Mod. No. 17	0	0	0	0	27,000
Mod. No. 18	0	0	0	0	110,000
Mod. No. 19	0	0	0	0	198,000
Mod. No. 20	0	0	0	0	200,000
Mod. No. 21	0	0	0	0	116,300
Mod. No. 22	0	0	0	0	575,000
Mod. No. 23	0	0	0	0	100,750
Mod. No. 24	0	0	0	0	54,000
Mod. No. 25	0	0	0	0	81,815
Mod. No. 26	0	0	0	0	55,700
Mod. No. 27	0	0	0	0	372,200
Mod. No. 28 Mod. No. 29	0	0	0	0	9,600
Mod. No. 29 Mod. No. 30	0	0	0	0	54,900
Mod. No. 30 Mod. No. 31	0	0 0	0 0	0	0 29,950
Mod. No. 31 Mod. No. 32	0	0	0	0	
Mod. No. 32 Mod. No. 33	0		0	0	321,500
Mod. No. 33 Mod. No. 34	0	0 0	0	0 0	164,700 0
FIGU. NO. 54	Ū	0	0	U	Ŭ

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	Est. Cost	Fixed Fee	CPFF	Hours	Funding
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	Ō	Ō	Ō	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0 ·	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	· 0	0	0	0	6,300
Mod. No. 65	0	0	0	0	27,000
Mod. No. 66	0	0	0	0	91,500
Mod. No. 67	0	0	0	0	363,200
Mod. No. 68	0	0	0	0	150,800
Mod. No. 69	0	0	0	0	118,600
Mod. No. 70	0	0	0	0	2,500
Mod. No. 71	0	0	0	0	16 200
Mod. No. 72	0	0	0	0	16,300
Mod. No. 73	<u> </u>			$\frac{0}{192,000}$	67,600
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$7,538,736

## NASA Contract NAS1-18925 Tabulation Summary

Accounting and Appropriation Data PR CB .1027; R18505; \$11,500 (Complete) (Task 40) PR DIE .2558; HP110XP; \$39,800 (Complete) (Task 30 revision) PR DIE .2560; R18778; \$16,300 (Complete) (Task 34 revision)

Page 3 of 3

AMENDMENT OF SOLICI	TION/MODIFICATION	OF CONTRAC	1. CONTRACT ID	CODE PAGE OF P.
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PUTRO	HASE REQ. NO.	5: PROJECT NO. (If applica
74	SEP 2 0 1994	N/A		
S. ISSUED BY	ULI L U	7. ADMINISTERED BY	(If other than Item	6)
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001	CODE LSpace Administration			CODE L
. NAME AND ADDRESS OF CONTRACTO	R (No., street, county, State and ;	ZIP Code)	() 9A. AMENDI	MENT OF SOLICITATION N
Research Triangle I Attn: Mr. J. Scott P. O. Box 12194	t Merrell		98. DATED	SEE ITEM 11)
Research Triangle F	Park, NC 27709-2194		10A. MODIF NO.	ICATION OF CONTRACT/O
				-18925
CODE			6/21	(SEE ITEM 13) / 20
	FACILITY CODE			
	IS ITEM ONLY APPLIES TO	AMENUMENTS OF S	ULICITATIONS	
The above numbered solicitation is amer	nded as set forth in Item 14. The h	our and date specified for	receipt of Offers	is extended, is n
ended	-			-
Offers must acknowledge receipt of this amen				
a) By completing Items 8 and 15, and return submitted; or (c) By separate letter or telegr MENT TO BE RECEIVED AT THE PLACE ( N REJECTION OF YOUR OFFER. If by v etter, provided each telegram or letter makes 2. ACCOUNTING AND APPROPRIATION	ram which includes a reference to a DESIGNATED FOR THE RECEIF virtue of this amendment you design a reference to the solicitation and to a seference to the solicitation and	the solicitation and amend TOFOFFERS PRIOR T re to change an offer airea	iment numbers, FAI O THE HOUR AND dv submitted, such	LURE OF YOUR ACKNOWL DATE SPECIFIED MAY RE change may be made by telego
N/A	Contro (II) required)			
13. THIS IT	EM APPLIES ONLY TO MOD	IFICATIONS OF CON	ITRACTS/ORDE	RS,
A THUS SHANGS OF SEE IS ISSUE	IFIES THE CONTRACT/ORD			14 ARE MADE IN THE CON
TRACTORDER NO. IN ITEM 10A.				IN ARE MADE IN THE CON
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH	ACT/ORDER IS MODIFIED TO P H IN ITEM 14. PURSUANT TO T	REFLECT THE ADMINIS	TRATIVE CHANG	ES (such as changes in paying
C. THIS SUPPLEMENTAL AGREEME				······································
X Mutual Agreement			•	
D. OTHER (Specify type of modification	on and authority)			
•				
~~~~				
E. IMPORTANT: Contractor 🛄 is no	ot, 🗶 is required to sign th	his document and retur	n <u>3</u> copi	es to the issuing office.
The purpose of this modi The purpose of this modi Reporting of Government-( changes are made to the (	fication is to revis Owned/Contractor-Held	e the reporting	period for	Financial
I. Section I Clause 18- "(JUL 1994)," and Paragr	52.245-73, the date aphs (b) and (c) are	"(MAR 1989)" is revised to read	revised to d as follows	read :
			FILE	COPY
	(CONTINUED ON	ATTACHED PAGE)		
Except as provided herein, all terms and cond	•	•	retofore changed in	mains unchanged and in full
ing errect.				
J. Scott Merrel	t or print)	IGA. NAME AND TITL	E OF CONTRACT	ING OFFICER (Type or print
Contracting Officer		RICHARD A	JSAEBEL8	
			<u>// ]/ [/[/</u>	
ISE CONTRACTOR OFFERER	15C. DATE SIGNE	DIGB. UNITED STATES	OFIAMERICA	16C. DATE S
- And IV len	el glular	BY TULIAY	MUNERS	SEP 2 0 i
(Signature of person authorized to	(sign) 4/0/94	Signature	of Contractine Off	icer)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	0-105	P	TANDARD FORM 30 (REV.
NASA Langley Overprint (Rev. Aug. 199	2)		F	AR (48 CFR) 53.243

"(b) If administration of this contract has been delegated to the Department of Defense, the original of NASA Form 1018 shall be submitted to the NASA installation Financial Management Officer and three copies shall be sent concurrently through the DOD Property Administrator to the NASA office identified below. If the contract is administered by NASA, the original of NASA Form 1018 shall be submitted to the installation Financial Management Officer and three copies shall be sent concurrently to the following NASA office:

> ATTN INDUSTRIAL PROPERTY OFFICE NASA LANGLEY RESEARCH CENTER MAIL STOP 377 HAMPTON VA 23681-0001

(c) The annual reporting period shall be from October 1 of each year to September 30 of the following year. The report shall be submitted by October 31."

II. Exhibit A, I, Paragraph J, <u>Report of Government-Owned/Contractor-Held</u> <u>Property</u>, the date "July 31" is revised to read "October 31."

III. All other terms and conditions remain unchanged.

AMENDMENT OF SO	N/MODIFICATION	DF CONTE T	1. CONTRACT ID	
2. AMENDMENT/MODIFICATION JO.	SEP 5 1994	4. REQUISITIE PURC		S. PROJECT NO. (If app
CODE	- :004	7. ADMINISTERED BY		
National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001				
. NAME AND ADDRESS OF CONTRACTOR (No	., street, county, State and	ZIP Code)	() 9A. AMENDA	ENT OF SOLICITATION
Research Triangle Inst Attn: Mr. J. Scott Me P. O. Box 12194 Research Triangle Park	rrell			SEE ITEM 11) CATION OF CONTRACT, 18925
				(SEE ITEM 13)
	FACILITY CODE		6/21/8	
11. THIS ITE	EM ONLY APPLIES TO	AMENDMENTS OF S	DLICITATIONS	
tended. Offers must acknowledge receipt of this amendmen (a) By completing items 8 and 15, and returning submitted; or (c) By separate letter or telegram will MENT TO BE RECEIVED AT THE PLACE DESIG IN REJECTION OF YOUR OFFER. If by virtue letter, provided each telegram or letter makes refer	copies of the amend hich includes a reference to SNATED FOR THE RECEIF of this amendment you desi	ment: (b) By acknowledg the solicitation and amenc PT OF OFFERS PRIOR T re to change an offer alrea	ng receipt of this am ment numbers, FAI O THE HOUR AND dy submitted, such o	endment on each copy of LURE OF YOUR ACKNO DATE SPECIFIED MAY change may be made by tel
12. ACCOUNTING AND APPROPRIATION DATA	A (If required)			
D1A.3782; HP110P; \$38,615; (C		·····		
	PPLIES ONLY TO MOD THE CONTRACT/ORD			RS,
VI A. THIS CHANGE ORDER IS ISSUED PUR				
B. THE ABOVE NUMBERED CONTRACT/C         appropriation date, etc.) SET FORTH IN I         C. THIS SUPPLEMENTAL AGREEMENT IS	TEM 14, PURSUANT TO T	HE AUTHORITY OF FA	R 43.103(b).	5 (such as changes in pays
D. OTHER (Specify type of modification and	l authority)	<u></u>		
E. IMPORTANT: Contractor X is not,	· •			es to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFICA	ATION (Organized by UCF)	ection headings, including	solicitation/contrac	t subject matter where fea
The purpose of this modifica pursuant to the Contract Fur A and B are deleted in their	nding clause. Th	erefore, H-2.,	Contract Fun	ding, Paragraphs
"H-2. CONTRACT FUNDING				
A. For purposes of p Limitation of Funds clause of			nt allotted	by the Governmen
Except as provided herein, all terms and conditions	•	ATTACHED PAGE) d in Item 9A or 10A, as h	FILE C	
and effect. 15A. NAME AND TITLE OF SIGNER (Type or pi				NG OFFICER (Type or pl
158. CONTRACTOR/OFFEROR	15C DATE SIGNE		A elelo	SEP 5 10
(Signature of person authorized to sign)	,	BY Signaty	e of Contractine Off	icer) 5 19
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	3	i0-105	ρ	TANDARD FORM 30 (Ri rescribed by GSA AR (48 CFR) 53.243

NASA Langley Overprint (Rev. Aug. 1992)

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to this contract is \$7,170,247. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

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B. An additional amount of \$418,322 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

:

# CONTRACT SUMMARY

	Amount Thru <u>Mod. 74</u>	<u>Mod. 75</u>	Amount Thru <u>Mod. 75</u>
Cost Fee	\$10,272,000 600,000 \$10,872,000	\$0 <u>0</u> \$0	\$10,272,000 <u>600,000</u> \$10,872,000
-		FUNDING SUMMARY	
	Amount Thru <u>Mod. 74</u>	<u>Mod. 75</u>	Amount Thru <u>Mod. 75</u>
Cost Fee	\$7,122,912 <u>415,824</u> \$7,538,736	\$47,335 <u>2,498</u> \$49,833	\$7,170,247 <u>418,322</u> \$7,588,569

75       NEW 0.1.1:24       See Block 12 below.         0.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. NME AND ADDRESS OF CONTRACTOR       (No. anter. county. Sate and 2/P Cooe)       Iv/       as. AMENDMENT OF SOLUCITATION NO.         8. React Triangle Institute       Attr:: Mr. J. Sont Merrell P.O. Box 12194       B. DateD (SEE ITEM 11)         CODE       FACULTY CODE       Iva. MODIFICATION OF CONTRACTORDER NO. NAS1-18923         CODE       FACULTY CODE       Iva. MODIFICATION OF CONTRACTORDER NO. NAS1-18923       Iva. MODIFICATION OF CONTRACTORDER NO. NAS1-18923         CODE       FACULTY CODE       Iva. This TEM APPLES NO. AMENDAMENT OF SCHUCT TO CONTRACTORDER NO. Normal of the simptoment and star extended starter on a data specific VI sector many many and star advance of the social sector advance of the social specistar. Norma of the simptoment and stareconter on the AUTA AND AND						1. CONTRACT ID C	ODE	PAGE	OF P	AGES
a. ISSUED BY CODE CODE CODE CODE CODE CODE CODE CODE	2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		UISITIONPURCI	HASE F		5. PRC		(If app	2 plicable)
Langley Research Center Hampton. VA 23681-0001  8. NAME ANA OADERSS OF CONTRACTOR (Mo. street.courry, State and ZIP Code) Research Triangle Institute Attr:: Mr. J. Scott Merrell P.O. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (FMO. street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (Mo. street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. Street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. Street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. Street.courry) 10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. Street.courry) 10. Dox 1209  10. Dox 12194 Research Triangle Park, NC 27709-2194  10. AND/FICATION OF CONTRACTOR (MO. Street.courry) 10. Dox 000/FICATION (MO. APPLIES TO AMENDMENTS OF SOLUTATIONS)  10. Dox 000/FICATION OF CONTRACTOR (MO. Street.courry) 10. Dox 000/FICATION (MO. Street.courry) 10. Dox 000/FICATION (MO. Street.courry) 10. Dox 000/FICATION OF CONTRACTOR (MO. Street.courry) 10. AS343,07 (Complete) (T41)  11. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTSORDERS.  11. A THIS CHANGE ORDER IS USUED PURSUANT TO AUTHORITY OF FAR 43 (120).  12. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF  13. DOTHER (Spectry type of modification is to incremental fund the subject ontract by S343,807 pursuant to the Contract Fund 10. AS140 MICH PURSUANT TO AUTHORITY OF  14. DESCHENDENTMODIFICATION (Organized by UCF sector methods, sectoring downod d	6. ISSUED BY		7. ADM				C	ODE		
Research Triangle Institute Attr: Mr. J. Scott Merrell P.O. Dox 12194 Research Triangle Park, NC 27709-2194     B. DATED (SEE ITEM 11)     CODE FACILITY CODE       CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE        CODE FACILITY CODE            CODE FACILITY CODE        Code FACILITY CODE                                Code                          The above number solicitation is amended as at horth in item 14. The hour and data specified in meeting. FALLIDE CONCOMCONCEMENT DO ERECHANCE IN CONCOMCONCEMPTOR DEFR. II      Inter of the amendment, and is noticed as an item addiast specified in the solicitation of these notice in the output and data specified in the solicitation of COULD ACOVEMCONCEMPTOR DEFR. II      Inter of the amendment, and is noticed as an item addiast specified in the solicitation of COULTACTON ONCE AND PROPENTIMENTIO DATA and the Reserved submed, and addiast specified in the solicitation of the notice in the output and data sp	Langley Research Center							· .		
Research Triangle Institute Attr: Mr. J. Scott Merrell P.O. Dox 12194 Research Triangle Park, NC 27709-2194     account of the second of			and ZIP Co	(a)			F SOLIC		<u> </u>	
CODE	Research Triangle I Attn: Mr. J. Scott I P.O. Box 12194	Institute Merrell		,						
CODE       INJUST CONTRACTS/ORDERS       INJUST C	Research Inangle	Park, NC 27709-2194			1	1	NAS1-	18925	IDER N	0.
The above number solicitation is amended as set forh in lism 14. The hour and date specified for receipt of CHEs, is a featured. Is not excepted with the solicitation of the bower is an ended with a mendematic provide and the amendematic provided and the amandematic provided an	CODE	FACILITY CODE	,		1	10B. DATED	6/21	/89		
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solutiation or as a mendal, by orage of the solewing methods:       (a) so completing terms and ts, and returning		11. THIS ITEM ONLY APP	LIES TO	MENDMENTS	OF SC	LICITATIONS				
DLA.3840; R19732; \$343,807 (Complete) (T41)         13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.         (1)       A. THIS CHANGE ORDER IS ISSUED PURSUANT TO :/Specify Authonity)       THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER         (1)       A. THIS CHANGE ORDER IS ISSUED PURSUANT TO :/Specify Authonity)       THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER         (1)       N. THEM ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, approximate, etc.)         (2)       B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, approximate, etc.)         (2)       B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, approximate item etc.)         (2)       B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO PERLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, approximate item etc.)         (2)       C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:         (2)       D. OTHER (Specify type of modification and authonity)         (2)       D. OTHER (Specify type of modification and authonity)         (3)       Is not,       Is required to sign this document and return copies to the issuing office.         (4)       DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)	(c) By separate letter or telegram which inc THE PLACE DESIGNATED FOR THE RE virture of this amendment you desire to cha to the solicitation and this amendment, and	cludes a reference to the solicitati CEIPT OF OFFERS PRIOR TO ange an offer already submitted, d is received prior to the opening	ion and ame THE HOUR such chang	ndment numbers. AND DATE SPEC e may be made by	FAILUI	RE OF YOUR ACKNOW	WLEDGE	MENT TO E	BE RECI	EIVED A1 f bý
<ul> <li>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO :(Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORD IN ITEM 10A.</li> <li>■ THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REPLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, approver the set of t</li></ul>		(Complete) (T41)								
IN ITEM 10A.         ■ <t< td=""><td></td><td>13. THIS ITEM APPLIES ONI</td><td>LY TO MOD</td><td>IFICATIONS OF C</td><td>ONTR/</td><td>ACTS/ORDERS.</td><td></td><td></td><td></td><td></td></t<>		13. THIS ITEM APPLIES ONI	LY TO MOD	IFICATIONS OF C	ONTR/	ACTS/ORDERS.				
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.         14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where leasible)         The purpose of this modification is to incremental fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional fund the subject contract by \$343,807 pursuant to the Contract Functional functinal functional functional functional functiona	IN ITEM 10A.	RACT/ORDER IS MODIFIED TO	REFLECT	THE ADMINISTRA						
E. IMPORTANT: Contractor X is not,       is required to sign this document and retum       copies to the issuing office.         14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where leasible)         The purpose of this modification is to incremental fund the subject contract by \$343,807 pursuant to the Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substin lieu thereof:         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 entirely in the following of person authonzed to sign)         ISB. CONTRACTOR/OFFEROR         ISC. DATE SIGNED         ISB. CONTRACTOR/OFFEROR         ISB. CONTRACTOR/OFFEROR         ISB. CONTRACTOR/OFFEROR         ISB. CONTRACTOR OF person authonzed to sign)	C. THIS SUPPLEMENTAL AGREEM	MENT IS ENTERED INTO PURS	UANT TO A	UTHORITY OF:						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where leasible)         The purpose of this modification is to incremental fund the subject contract by \$343,807 pursuant to the Contract Functor Function is to incremental fund the subject contract by \$343,807 pursuant to the Contract Functor Function is to incremental fund the subject contract by \$343,807 pursuant to the Contract Functor Function is to incremental fund the subject contract by \$343,807 pursuant to the Contract Functor Functor Function is to incremental fund the subject contract by \$343,807 pursuant to the Contract Functor Functo	D. OTHER (Specify type of modific	cation and authority)					•			
The purpose of this modification is to incremental fund the subject contract by \$343,807 pursuant to the Contract Function clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substitute in the terms and conditions of the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document referenced in Item 9A or 10A/s heretofore changed, remains unchanged and in full force and experimental fund to the document refer	E. IMPORTANT: Contractor X is	s not, is required to	sign this do	cument and return		copies to the issuing	office.			
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 etails.         15A. NAME AND TITLE OF SIGNER (Type or Print)         15B. CONTRACTOR/OFFEROR         15B. CONTRACTOR/OFFEROR         15C. DATE SIGNED         16B. UNTED STATES OF MERICA/ (Signature of person authorized to sign)         NSN 750-011/152-070	The purpose of this modificat clause. Therefore, H-2., Cont	tion is to incremental fu tract Funding, Paragrap	ind the su ihs A and	abject contrac I B are delete	t by : d in t	\$343,807 pursua heir entirety and	nt to tl the fo	he Contra	act Fu	
15A. NAME AND TITLE OF SIGNER (Type or Print)       16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print)         15B. CONTRACTOR/OFFEROR       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA         (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA         NSN 7540-01-152-0070       (Signature of Derson authorized to sign)       16C. DATE SIGNED		(Continued	i on Atta	ched Page)	3	•				
15B. CONTRACTOR/OFFEROR       15C. DATE SIGNED       16B. UNITED STATES OF MERICA       16C. DATE SIGNED         (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF MERICA       16C. DATE SIGNED         NSN 7540-01-152-0070       (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF MERICA       16C. DATE SIGNED		······································	enced in Iter	·····						effect.
(Signature of person authorized to sign) (Signature of Contracting Officer)	15A. NAME AND TITLE OF SIGNER (Typ	pe or Print)			Siebe	E OF CONTRACTING				
NSN 7540-01-152-8070			SIGNED	BY Fill		HARRICH HICH		_ 1860		SIGNED
PREVIOUS EDITIONS UNUSABLE 30-105 STANDARD by GSA	NSN 7540-01-152-8070	sign)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Signatu	refot Contracting Office			30 /5	<u>U 199</u> Rev 10-83)

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NAS1-18925 Mod. No. 76

# "H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$7,500,273. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

B. An additional amount of \$432,103 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

#### CONTRACT SUMMARY Amount Thru Amount Thru Mod. 75 Mod. 76 Mod. 76 Cost \$10,272,000 \$0 \$10,272,000 Fee \$ 600,000 600.000 0 \$10,872,000 \$0 \$10,872,000 FUNDING SUMMARY Amount Thru Amount Thru Mod. 75 <u>Mod. 76</u> Mod. 76 Cost \$7,170,247 \$330,026 \$7,500,273 Fee <u>\$ 418,322</u> 13,781 432,103 \$7,588,569 \$343,807 \$7,932,376

	MODIFICATION O			•	PAGE OF PAGE
AMENDMENT, MODIFICATION NO. 77	3. EFFECTIVE DATE DEC 1 2 1934	4. REQUISITION/PURC See Block 12	2 below.		T NO. (If applicable
SSUED BY CODE		7. ADMINISTERED BY	[] other than I tein	CODE	: L
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	e Administration				
NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State and Z	IP Code)	() 9A. AMEND	MENT OF SC	LICITATION NO.
Research Triangle Inst Attn: Mr. J. Scott Me P. O. Box 12194			98. DATED	(SEE ITEM 1	1)
Research Triangle Park	, NC 27709-2194		10A. MODIF NO.	ICATION OF	CONTRACT/ORC
				-18925	
DDE	FACILITY CODE		X 108. DATED		13)
11. THIS ITE	MONLY APPLIES TO	AMENDMENTS OF SC	LICITATIONS		
The above numbered solicitation is amended as	s set forth in Item 14. The h	our and date specified for	receipt of Offers	is exten	ded, 🗌 is not
fers must acknowledge receipt of this amendmen	t prior to the hour and date :	specified in the solicitatio	n or as amended, b	y one of the f	ollowing methods:
) By completing Items 8 and 15, and returning bmitted; or (c) By separate letter or telegram wi ENT TO BE RECEIVED AT THE PLACE DESIG I REJECTION OF YOUR OFFER. If by virtue is iter, provided each telegram or latter makes refere	nich includes a reference to t NATED FOR THE RECEIP of this amendment you desire	he solicitation and amend TOFOFFERSPRIOR To the to change an offer airea	ment numbers, FA O THE HOUR ANI dv submitted, such	LURE OF Y D,DATE SPE change may	OUR ACKNOWLE CIFIED MAY RESU be made by telegrar
ACCOUNTING AND APPROPRIATION DATA DIH.1003; R19727; \$31,751 (	(If required)				
13. THIS ITEM A	PPLIES ONLY TO MOD	IFICATIONS OF CON	ITRACTS/ORDE	RS,	
IT MODIFIES	THE CONTRACT/ORD	rity) THE CHANGES SET	FORTH IN ITEM	14 ARE MA	DE IN THE CON-
B. THE ABOVE NUMBERED CONTRACT/C appropriation date, etc.) SET FORTH IN I		REFLECT THE ADMINIS	TRATIVE CHANG	ES (such as a	hanges in paying of
C. THIS SUPPLEMENTAL AGREEMENT IS					
D. OTHER (Specify type of modification and	lauthority)				
	is required to sign th	his document and retur	n cor	ies to the is	suing office.
The purpose of this modific \$31,751 pursuant to the Cor Paragraphs A and B are dele lieu thereof:	ation (Organized by UCF) ation is to incr stract Funding cl	ection headings, including ementally fund ause. Therefor	the subject e, H-2., Co	contrac ntract F	utter where feasible. t by unding,
"H-2. CONTRACT FUNDING					
A. For purposes of Limitation of Funds clause	payment of cost, of this contract	exclusive of f , the total amo	ee, in acco unt allotte	rdance w d by the	with the Government
Except as provided nerein, all terms and condition		ATTACHED PAGE)	eretofore changed.	remains unch	langed and in full fo
ISA, NAME AND TITLE OF SIGNER (Type or p		16A. NAME AND TIT			
		RICHARD M	SIEBERS /		
		DIIGH UNITED STATE	SPEAMERICA		16C. DATE SI
158. CONTRACTOR/OFFEROR	15C. DATE SIGNE	BY Sellall	Maria		DEC 1 2 1

to this contract is \$7,530,602. The above allotment covers the following period of performance: From the effective date of the contract through January 7, 1995.

1

B. An additional amount of \$433,525 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# CONTRACT SUMMARY

	Amount Through ModNo76	<u>Mod. No. 77</u>	Amount Through Mod. No. 77
Cost Fee	\$10,272,000 <u>600,000</u> \$10,872,000	\$0 <u>0</u> \$0	\$10,272,000 <u>600,000</u> \$10,872,000
	FUNDIN	I <u>g summary</u>	-
	Amount Through _ <u>Mod. No. 76</u>	<u>Mod. No. 77</u>	Amount Through _Mod. No, 77
Cost Fee	\$7,500,273 <u>432,103</u> \$7,932,376	\$30,329 <u>1,422</u> \$31,751	\$7,530,602 <u>433,525</u> \$7,964,127

AMENDMENT OF SOLICI	TION/MODIFICATION C		1. CONTRACT ID	CONTRACT ID CODE		F PAG
2. AMENDMENT, MODIFICATION NO. 78	3. EFFECTIVE DATE	4. REQUISITION/PUR See Block		5. PROJEC	T NO. (If ap	Plicable
6. ISSUED BY		7. ADMINISTERED BY	(If other than I tern )	CODE		
National Aeronautics and Langley Research Center Hampton, VA 23681-0001	Space Administration					
8. NAME AND ADDRESS OF CONTRACTO	OR (No., street, county, State and Z	IP Code)	() 94. AMENON	ENT OF SO	LICITATIO	N NO.
Research Triangle Attn: Mr. J. Scot P. O. Box 12194 Research Triangle	tt Merrell Park, NC 27709-2194		98. DATED (S 10A. MODIFI NO. NAS1- X 108. DATED 6/21/	CATION OF 18925	CONTRAC	T/ORDE
	FACILITY CODE					
The above numbered solicitation is ame tended. Offers must acknowledge receipt of this ame (a) By completing I tems 8 and 15, and return submitted: or (c) By separate letter or teleg MENT TO BE RECEIVED AT THE PLACE IN REJECTION OF YOUR OFFER. If by letter, provided each telegram or letter make 12. ACCOUNTING AND APPROPRIATION BC. 1013; R19526; \$189,444	inded as set forth in Item 14. The hold indicate the normal date set for the hour and date set in the indicate set is the set is th	pur and date specified for pecified in the solicitation nent: (b) By acknowledg the solicitation and amend T OF OFFERS PRIOR T e to change an offer alrea- tis amendment, and is rea- .1004; R19786;	r receipt of Offers on or as amended, by ing receipt of this am dment numbers, FAIL O THE HOUR AND ady submitted, such co ceived prior to the op \$106,100 (Co	endment on i URE OF YC DATE SPEC hange may bi ening hour ar mplete)	each copy o DUR ACKNO IFIED MAY e made by to nd date spec	f the offe OWLEDG ' RESULT
13. THIS IT	EM APPLIES ONLY TO MODI	FICATIONS OF COM	NTRACTS/ORDER	RS,		
A. THIS CHANGE ORDER IS ISSUED TRACT ORDER NO. IN ITEM 10A         X         B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORT         C. THIS SUPPLEMENTAL AGREEME	ACT/ORDER IS MODIFIED TO RI H IN ITEM 14, PURSUANT TO TH	EFLECT THE ADMINIS	T FORTH IN ITEM 1 STRATIVE CHANGE R 43.103(b).			
D. OTHER (Specify type of modificati	on and authority)			<u></u>		
E. IMPORTANT: Contractor 14. DESCRIPTION OF AMENDMENT/MOD The purpose of this mod \$295,544 pursuant to the Paragraphs A and B are of lieu thereof:	DIFICATION (Organized by UCF se ification is to increme e Contract Funding cl	ction headings including mentally fund t ause. Therefor	tion/contract the subject c re, H-2., Con	subject matt ontract tract F	t <del>er where fer</del> by unding,	
"H-2. CONTRACT FUNDING						
A. For purposes Limitation of Funds clau	of payment of cost, use of this contract,	exclusive of for the total amo	ee, in accord unt allotted	ance wi by the (	th the Governm	ent
Except as provided herein, all terms and con-	(CONTINUED ON a ditions of the document referenced	,	eretofore changed, rer	nains unchar	iged and in f	fuil force
15A. NAME AND TITLE OF SIGNER (Typ	e or print)	16A. NAME AND TIT		G OFFICER	(Type or p	rint)
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATES	ALLANELY		DEC 2	TE SIGNED
Signature of person authorized to	o sign)	BY CINAX (Signature	of Contracting Office	:er)		, 1 199
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE NASA Langley Overprint (Rev. Aug. 199		-105	Pr	ANDARD F escribed by C AR (48 CFR)	35A	EV. 10-83

to this contract is \$7,812,774. The above allotment covers the following period of performance: From the effective date of the contract through December 31,1995.

B. An additional amount of \$446,897 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# CONTRACT SUMMARY

	Amount Through <u>Mod. No. 77</u>	<u>Mod. No. 78</u>	Amount Through _ModNo78
Cost Fee	\$10,272,000 <u>600,000</u> \$10,872,000	\$0 _0 \$0	\$10,272,000 <u>600,000</u> \$10,872,000
	FUNDIN	<u>G SUMMARY</u>	
	Amount Through Mod. No. 77	<u>Mod. No. 78</u>	Amount Through _Mod. No. 78
Cost Fee	\$7,530,602 <u>433,525</u> \$7,964,127	\$282,172 <u>13,372</u> \$295,544	\$7,812,774 <u>446,897</u> \$8,259,671

AMENDMENT OF SOLICIT .ON	N/MODIFICATION	OF CONTRAC.	1. CONTRACT ID	CODE PAGE OF PAGE
2. AMENDMENT/MODIFICATION NO. 79	3. EFFECTIVE DATE	A. REQUISITION/PUR See Block	CHASE REQ. NO.	5. PROJECT NO. (If applicable)
CODE		7. ADMINISTERED 8	(If other than Item	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	e Administration			
8. NAME AND ADDRESS OF CONTRACTOR (No.	., street, county, State and	ZIP Code)	() 9A. AMENDA	ENT OF SOLICITATION NO.
Research Triangle Inst Attn: Mr. J. Scott Me P. O. Box 12194 Research Triangle Park	errell	1	10A. MODIFI NO. NAS1-	SEE ITEM 11) CATION OF CONTRACT/ORDE 18925 (SEE ITEM 13)
CODE	FACILITY CODE		- 6/21/	
11. THIS ITE	MONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
	copies of the amend hich includes a reference to NATED FOR THE RECEI of this amendment you designed ince to the solicitation and of (11 required) of the solicitation and of (11 required) of the solicitation and of (11 required) of the solicitation and of the solicitatio	ment: (b) By acknowled the solicitation and amer PT OF OFFERS PRIOR ire to change an offer alre this amendment, and is re 1139; R20109; \$ DIFICATIONS OF CO DER NO. AS DESCRI DIFICATIONS OF CO DER NO. AS DESCRI DIFICATIONS OF CO DER NO. AS DESCRI DIFICATIONS OF CO DER NO. AS DESCRI	ging receipt of this an idment numbers. FAI TO THE HOUR AND addy submitted, such of eccived prior to the or 24,579 (Comp) NTRACTS/ORDE BED IN ITEM 14. TFORTH IN ITEM STRATIVE CHANGE AR 43.103(b).	hendment on each copy of the offe LURE OF YOUR ACKNOWLEDC DATE SPECIFIED MAY RESUL change may be made by telegram of hening hour and date specified. (ete) (T45) RS, 14 ARE MADE IN THE CON-
D. OTHER (Specify type of modification and	authority)			
E. IMPORTANT: Contractor X is not, 14. DESCRIPTION OF AMENDMENT/MODIFICA The purpose of this modifica \$49,315 pursuant to the Cont Paragraphs A and B are delet	TION (Organized by UCF) ation is to incre tract Funding cl	mentally fund ause. Therefor	the subject ( e, H-2., Con	contract by tract Funding,
lieu thereof:	ted in their che	freey and the f	orrowing 15	
"H-2. CONTRACT FUNDING				
A. For purposes of p Limitation of Funds clause of	payment of cost, of this contract	exclusive of f , the total amo	ee, in accor ount allotted	dance with the by the Government
Except as provided herein, all terms and conditions and effect.	-	ATTACHED PAGE)		emains unchanged and in full force
15A. NAME AND TITLE OF SIGNER (Type or pri	int)	RICHARD J	AS VERELS	NG OFFICER (Type or print)
158. CONTRACTOR/OFFEROR	15C. DATE SIGNE		S DE AMERICA	16C. DATE SIGN
		BY JEHALL	a a avar	JAN_1_1_1998

NASA Langley Overprint (Rev. Aug. 1992)

to this contract is \$7,859,732. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1996.

B. An additional amount of \$449,254 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# CONTRACT SUMMARY

	Amount Through <u>Mod. No. 78</u>	<u>Mod. No. 79</u>	Amount Through Mod. No. 79
Cost Fee	\$10,272,000 600,000 \$10,872,000	\$0 <u>0</u> \$0	\$10,272,000 <u>600,000</u> \$10,872,000
	FUNDING	SUMMARY	
	Amount Through Mod. No. 78	<u>Mod. No. 79</u>	Amount Through _ModNo79
Cost Fee	\$7,812,774 <u>446,897</u> \$8,259,671	\$46,958 <u>2,357</u> \$49,315	\$7,859,732 <u>449,254</u> \$8,308,986

			co	NTRACT ID	CODE	PAGE OF	-
AMENDMENT OF SOLICITA .	3. EFFECTIVE DATE	A REQUISITION/PURC	HASE	REQ. NO.	15. PROJEC	1 1	2
80	APR 1 3 1995	See Block 1	2 be	elow.			
6. ISSUED BY		7. ADMINISTERED BY	(If out	ner than Item	ة) CODE		
National Aeronautics and Sp Langley Research Center Hampton, VA 23681-0001	oace Administration						
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State and 2	ZIP Code)	(1)	9A. AMEND	MENT OF SO	LICITATIO	N NO.
Research Triangle I	nstitute						
Attn: Mr. J. Šcott P. O. Box 12194	Merrell			98. DATED	(SEE ITEM 1	1)	
Research Triangle P	ark, NC 27709-2194	ļ		10A. MODIF	ICATION OF	CONTRAC	T/ORDE
				NAS1	-18925		
			X		SEE ITEM	13)	
CODE	FACILITY CODE		1	6/21	/89		
11. THIS	ITEM ONLY APPLIES TO	AMENDMENTS OF S	ÓLIC	ITATIONS			
	ng copies of the amend m which includes a reference to ESIGNATED FOR THE RECEIL true of this amendment you desi reference to the solicitation and DATA (If required) MAPPLIES ONLY TO MOD FIES THE CONTRACT/OR FURSUANT TO: (Specify author OURSUANT TO: (Specify author IN ITEM 14, PURSUANT TO T IN ITEM 14, PURSUANT TO T	ment; (b) By acknowledg the solicitation and amenc PT OF OFFERS PRIOR T re to change an offer alrea this amendment, and is rec DIFICATIONS OF CON DER NO. AS DESCRIE writy) THE CHANGES SE REFLECT THE ADMINIS THE AUTHORITY OF FA	Ing rec Jment O THI ady sul exived NTRA BED I T FOF T FOF	eipt of this a numbers. FA E HOUR ANI bmitted, such prior to the c ACTS/ORDE N ITEM 14 RTH IN ITEM	mendment on ILURE OF Y D DATE SPEC change may to ppening hour a ERS, 14 ARE MA	each copy o OUR ACKN DIFIED MAY be made by t and date spec	of the off OWLED Y RESUI telegram cified.
E. IMPORTANT: Contractor X is no		tis document and retur			pies to the is	suina office	e.
14. DESCRIPTION OF AMENOMENT/MODI The purpose of this modi Therefore, H-2., Contract the following is substitut "H-2. CONTRACT FUNDING	FICATION (Organized by UCF) fication is to real t Funding, Paragrap uted in lieu thereo of payment of cost,	ection headings, including locate funds be hs A and B are f: exclusive of f	ee,	itation/contro in cost a ited in i	and fee. their ent rdance w	<del>ner where A</del> tirety a ith the	and
Except as provided herein, all terms and cond		ATTACHED PAGE)		ore changed	remains unch	anged and in	n full for
and effect.		16A. NAME AND TIT					
TSA. NAME AND THEE OF SIGNER (Type		RICHARO? J.	<i>,5</i> ][E	BELS /	2		
158. CONTRACTOR/OFFEROR	15C. DATE SIGN	BY Filld		AWERICA	/ ), 		ATE SIG
(Signature of person authorized to	sign)	(Signatu	re d C	ontracting O		APR_1_	3 199
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105 (			STANDARD Prescribed by FAR (48 CF	GSA	REV. 10

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NASA Langley Overprint (Rev. Aug. 1992)

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to this contract is \$7,884,093. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1996.

B. An additional amount of \$424,893 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# CONTRACT SUMMARY

	Amount Through No79	<u>Mod. No. 80</u>	Amount Through ModNo80
Cost Fee	\$10,272,000 <u>600,000</u> \$10,872,000	\$0 _0 \$0	\$10,272,000 
	FUNDIN	<u>G SUMMARY</u>	
	Amount Through Mod. No. 79	<u>Mod. No. 80</u>	Amount Through <u>Mod. No. 80</u>
Cost Fee	\$7,859,732 <u>449,254</u> \$8,308,986	\$24,361 <u>(24,361</u> ) \$ 0	\$7,884,093 <u>424,893</u> \$8,308,986

AMENDMENT OF SOLICITAT.		FCONTRACT	CONTRACT I	CODE PAGE OF PAGE
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PUR	CHASE REQ. NO.	
6. ISSUED BY		7. ADMINISTERED BY		1.6/
COD National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001				CODE
8. NAME AND ADDRESS OF CONTRACTOR (	vo., street, county, State and Z	IP Code)	() 9A. AMEND	MENT OF SOLICITATION NO.
Research Triangle Ins Attn: Mr. J. Scott M P. O. Box 12194 Research Triangle Par	stitute Merrell		98. DATED 10A. MODIF NO. NAS1	(SEE ITEM 11) FICATION OF CONTRACT/ORDER - 18925 D (SEE ITEM 13)
CODE	FACILITY CODE		6/21	/89
11. THIS IT	TEM ONLY APPLIES TO	MENDMENTS OF S	OLICITATIONS	
tended. Offers must acknowledge receipt of this amendme (a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram MENT TO BE RECEIVED AT THE PLACE DES IN REJECTION OF YOUR OFFER. If by virtue letter, provided each telegram or letter makes refe	copies of the amendm which includes a reference to the IGNATED FOR THE RECEIP e of this amendment you desir	nent: (b) By acknowledg he solicitation and amend TOFOFFERS PRIOR T e to change an offer alrea	jing receipt of this a dment numbers, FA 10 THE HOUR AN adv. submitted, such	mendment on each copy of the offe ILURE OF YOUR ACKNOWLEDC D'DATE SPECIFIED MAY RESUL I change may be made by telegram c
12. ACCOUNTING AND APPROPRIATION DAT SEE PAGE 2	TA (If required)	<u> </u>		······································
	APPLIES ONLY TO MOD			
A. THIS CHANGE ORDER IS ISSUED PUL TRACT ORDER NO. IN ITEM 10A.	STHE CONTRACT/ORD RSUANT TO: (Specify author			
X B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT I D. OTHER (Specify type of modification and	S ENTERED INTO PURSUAN			ES (such as changes in paying offic
E. IMPORTANT: Contractor X is not.		in ducument and return		ies to the issuing office.
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modific \$208,724 pursuant to the Co Paragraphs A and B are delo lieu thereof:	CATION (Organized by UCF are cation is to increa	ction headings, including mentally fund t ause. Therefor	solicitation/contra the subject re, H-2., Co	ct subject matter where feasible.) contract by ntract Funding,
Except as provided herein, all terms and condition and effect. 15A. NAME AND TITLE OF SIGNER (Type or )		in item 9A or 10A, as h	LE OF CONTRACT	remains unchanged and in full force TING OFFICER (Type or print)
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNJAED STATES		16C. DATE SIGNE
(Signature of person authorized to sign		BY _ All	1 Jan The	Ticep 6-2-95
N\$N 7540-01-152-8070		-105		STANDARD FORM 30 (REV. 10-8

NASA Langley Overprint (Rev. Aug. 1992)

Prescribed by GSA FAR (48 CFR) 53.243

### "H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$8,092,817. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1996."

All other terms and conditions remain unchanged.

# CONTRACT SUMMARY

	Amount Through <u>ModNo80</u>	<u>Mod. No. 81</u>	Amount Through <u>ModNo81</u>
Cost Fee	\$10,272,000 <u>600,000</u> \$10,872,000	\$0 <u>0</u> \$0	\$10,272,000 600,000 \$10,872,000
	FUNDI	<u>NG SUMMARY</u>	,
	Amount Through Mod. No. 80	<u>Mod. No. 81</u>	Amount Through <u>Mod. No. 81</u>
Cost Fee	\$7,884,093 <u>424,893</u> \$8,308,986	\$208,724 0 \$208,724	\$8,092,817 <u>424,893</u> \$8,517,710

# ACCOUNTING AND APPROPRIATION DATA

PR:	DIH.1116;	H15065;	\$76,800	(Partial) (T47)	
	DIH.1115;			(Partial) (T46)	
		H15065;	\$73,200	(Partial) (T46)	
	CB.1227;	R20504;	\$ 4,724	(Complete) (T44)	

					OMB Approval #: 2700-0042
AMENDMENT OF SOLICITATION	MODIFICATIO	N OF CO	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 82	DEC 1 1	995	1	ON/PURCHASE REQ. NO. Block 12 Below	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		<u></u>		ERED BY (If other than Item 6)	CODE
National Aeronautics and Space / Lanlgey Research Center Hampton, VA 23681-0001	Administration				L <u></u>
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State,	and Zip Co	de) <u>(x)</u>	9A. AMENDMENT OF SOLI	CITATION NO.
Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 277	09-2194			98. DATED (SEE ITEM 11)	ONTRACT/ORDER NO.
				NAS1-18925	
			X		
				10B. DATED (SEE ITEM 13)	
	JTY CODE			6/21/89	
The above numbered solicitation is amended a     Offers must acknowledge receipt of this amendment					extended, is not extended.
(c) By separate letter or telegram which includes a re AT THE PLACE DESIGNATED FOR THE RECEIPT virtue of this amendment you desire to change an off reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA ( <i>I</i> DIH.1115; H15151; \$73.800 (Partial) (Task 46) and D 13. THIS ITEM AP	Verence to the solicit OF OFFERS PRIOR er already submitted, d is received prior to to frequired) DH.1116; H15151; \$2 PLIES ONLY THE CONTRAC RSUANT TO: (Speci VORDER IS MODIFIE EM 14, PURSUANT IS ENTERED INTO P	ation and an TO THE H such chang the opening 20.200 (Parti TO MOD CT/ORD thy authority) D TO REFL TO THE AU	nendment numbe OUR AND DATE le may be made I hour and date sp ial) (Task 47) IFICATION ER NO. AS THE CHANGE ECT THE ADMIN THORITY OF FA	INSTRATIVE CHANGES (such a R 43.103(b).	RDERS, 1 14. MADE IN THE CONTRACT ORDER
E. IMPORTANT: Contractor Sis not, Sis not	equired to sign this	document	and return	copies to the issuing off	ce.
14. DESCRIPTION OF AMENDMENT/MODIFICATIOn The purpose of this modification in Funding Clause. Therefore, H-2. following is substituted in lieu the	is to increment , Contract Fun	ally fund	the subject	contract by \$ 94,000	pursuant to the Contract
			~		
	(CONTIN			D PAGE)	
Except as provided herein, all terms and conditions of	of the document refer	enced in Her	m 9A or 1∩A ∞ i	peretofore changed remains un	channed and in full force and effect
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME A	ND TITLE OF CONTRACTING ane Yeager	
15B. CONTRACTOR/OFFEROR	15C. DATE S	IGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED

(Signature of Contracting Office) (Signature of Contracting Office) STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 7 30-105

5 1

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

# NAS1-18925 Modification No. 82 Page 2 of 2

# (A) "H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$ 8,182,725. The above allottment covers the following period of performance: From the effective date of the contract through March 31, 1996."

B. An additional amount of \$ 4,092 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

# CONTRACT SUMMARY

COST FEE TOTAL CPFF	AMOUNT THROUGH <u>MOD.</u> <u>NO. 81</u> \$10,272,000 <u>600,000</u> \$10,872,000	<u>MOD. NO. 82</u> -0- -0-	AMOUNT THROUGH <u>MOD. NO. 82</u> \$10,272,000 <u>600,000</u> \$10,872,000
TOTAL CPFF	\$10,872,000	-0-	\$10,872,000

# CONTRACT FUNDING SUMMARY

	AMOUNT THROUGH	<u>MOD.</u> NO. 82	AMOUNT THROUGH
COST	MOD. NO. 81		MOD. NO. 82
FEE	\$8,092,817 <u>424,893</u>	\$ 89,908 4,092	\$8,182,725 428,985
TOTAL CPFF	\$8,517,710	\$ 94,000	\$8,611,710

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			1. CONTRACT ID CODE	OMB Approval #: 2700-0042
AMENDMENT OF SOLICITATION/MOD	IFICATION OF CO			1 2
2. AMENDMENT/MODIFICATION NO. 3. EI 83 JA	N Z D 1996		ON/PURCHASE REQ. NO. Block 12 Below	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	<u> </u>		RED BY (If other than item 6)	CODE
National Aeronautics and Space Adm Lanlgey Research Center Hampton, VA 23681-0001	inistration			
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t, county, State, and Zip Coo	ie) (x)	9A. AMENDMENT OF SOLICI	FATION NO.
Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2	2194		98. DATED ( <i>SEE ITEM 11</i> ) 10A. MODIFICATION OF CON NAS1-18925	ITRACT/ORDER NO.
		x	14431-10925	
			10B. DATED (SEE ITEM 13)	
CODE FACILITY C			6/21/89	
11. THIS ITEM O	NLY APPLIES TO	AMENDME	NTS OF SOLICITATION	<u>vs</u>
(c) By separate letter or telegram which includes a referen AT THE PLACE DESIGNATED FOR THE RECEIPT OF C virtue of this amendment you desire to change an offer ain reference to the solicitation and this amendment, and is re 12. ACCOUNTING AND APPROPRIATION DATA (If requ SEE PAGE 2	DFFERS PRIOR TO THE HO eady submitted, such chang iceived prior to the opening irred)	OUR AND DATE e may be made t hour and date sp	SPECIFIED MAY RESULT IN RE ay telegram or letter, provided eac ecified.	JECTION OF YOUR OFFER. If by the legram or letter makes
13. THIS ITEM APPLI			S OF CONTRACTS/OF DESCRIBED IN ITEM	•
(X) A. THIS CHANGE ORDER IS ISSUED PURSUA NO. IN ITEM 10A.				
X B. THE ABOVE NUMBERED CONTRACT/ORD appropriation date, etc.) SET FORTH IN ITEM 1	4, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification and au	thority)			
E. IMPORTANT: Contractor is not, is requir 14. DESCRIPTION OF AMENDMENT/MODIFICATION (C			copies to the issuing offic g solicitation/contract subject mat	
The purpose of this modification is to Funding Clause. Therefore, H-2., Co following is substituted in lieu thereof	ontract Funding, Pa			
Except as provided herein, all terms and conditions of the			·	hanned and in full force and effect
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME A	ND TITLE OF CONTRACTING C ane Yeager	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	1	(\$	gnature of Contracting Officer) /	10676
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105	Prescribe	<b>RD FORM 30</b> (Rev. 10-83) d by GSA SFR) 53.243

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NAS1-18925 Modification No. 83 Page 2 of 2

# (A) "H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$ 8,620,512. The above allottment covers the following period of performance: From the effective date of the contract through December 31, 1996."

B. An additional amount of \$ 447,198 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

#### CONTRACT SUMMARY

	AMOUNT THROUGH <u>MOD.</u>	MOD. NO. 83	AMOUNT THROUGH
	<u>NO. 82</u>		<u>MOD. NO. 83</u>
COST	\$10,272,000	-0-	\$10,272,000
FEE	600,000	<u>-0-</u>	600,000
TOTAL CPFF	\$10,872,000	-0-	\$10,872,000

# CONTRACT FUNDING SUMMARY

	AMOUNT		AMOUNT
	THROUGH	MOD. NO. 83	THROUGH
	<u>MOD. NO. 82</u>		MOD. NO. 83
COST	\$8,182,725	\$ 437,787	\$8,620,512
FEE	428,985	18,213	447,198
TOTAL CPFF	\$8,611,710	\$ 456,000	\$9,067,710

# ACCOUNTING AND APPROPRIATION DATA

PR:	DIH.1115;	H15151	\$95,000	(PARTIAL)	(TASK 46)
	DIH.1116;	H15151	\$30,000	(PARTIAL)	(TASK 47)
	DIH.1190;	R21096	\$25,000	(PARTIAL)	(TASK 42)
	DCO.1045;	R20895	\$70,000	(PARTIAL)	(TASK 39)
	DIH. 1165;		\$236,000	(COMPLETE)	(TASK 41)

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AME	NDMENT OF SOLICITA	ATION/				ONTRAC	т	1. CO .CT ID CODE		1	F PAGES
2. Ame	ENDMENT/MODIFICATION NO. 84		3. EFFECT		199 <b>6</b>	1		ON/PURCHASE REQ. NO. Block 12 Below	5. PROJE	CT NO.	(If applicable
S. ISSU	JED BY	CODE						ERED BY (If other than frem 6)	CODE		
La	ational Aeronautics and anlgey Research Center ampton, VA 23681-000		Administr	ation	I						
B. NAN	AE AND ADDRESS OF CONTRAC	TOR (No.,	street, count	y, Stati	e, and Zip Co	xde)	(X)	9A. AMENDMENT OF SOLI	CITATION NO.		
R	esearch Triangle Institut	e									
	ttn: Mr. J. Scott Merrell	-						98. DATED (SEE ITEM 11)			
	. O. Box 12194										
R	esearch Triangle Park, I	NC 277	09-2194			F		10A. MODIFICATION OF C	ONTRACT/OR	DER NO	D.
	-						х	NAS1-18925			
	 -							10B. DATED (SEE ITEM 13	)		
CODE	*	FACIL	ITY CODE					6/21/89	•		
	11. Th	IS ITE	MONLY	APP	LIES TO	AMEND	IEN	NTS OF SOLICITATIO	ONS		
AT TH virtue c ref <u>ere</u> n	separate letter or telegram which in E PLACE DESIGNATED FOR THE of this amendment you desire to ch nee to the solicitation and this amen	E RECEIPT ange an off ndment, and	OF OFFERS ier already su d is received	i PRIO bmitte	R TO THE H d, such chan	iOUR AND D ge may be ma	ATE Ide b	SPECIFIED MAY RESULT IN I by telegram or letter, provided e	REJECTION O	F YOUF	r offer. If
12. AC	COUNTING AND APPROPRIATIK	ON DATA (	lf required)			······································					
PR(s	): BC.5010; R19528; \$6	50.000 (		TE)	AND BC	1029 R	10	20· \$145 100 (COMP			(8)
	13. THIS I	TEM AP	PLIES O	NLY			DN	S OF CONTRACTS/C	DRDERS		
								DESCRIBED IN ITE			
(X)	A. THIS CHANGE ORDER IS IN NO. IN ITEM 10A.	SSUED PU	RSUANT TO	: (Spe	cify authority	) THE CHAN	GES	SET FORTH IN ITEM 14 ARE	MADE IN THE	CONT	RACT ORD
Х	B. THE ABOVE NUMBERED C appropriation date, etc.) SET FC	ONTRACT	ORDER IS N EM 14, PURS		ED TO REF	LECT THE A	DMIN F FA	IISTRATIVE CHANGES (such R 43.103(b).	as changes in j	paying c	office,
	C. THIS SUPPLEMENTAL AGE	REEMENT	S ENTERED	INTO	PURSUANT	TO AUTHOR	NTY	OF:			
	D. OTHER (Specify type of mo	dification a	nd authority)			·······		Al			
E. IM	PORTANT: Contractor X is no	nt lis n	cuined to si	an this		and return		copies to the issuing off			
14. D	ESCRIPTION OF AMENDMENT/M	ODIFICATI	ON (Organiz	od by l	JCF section I	headings, inc	udin	g solicitation/contract subject n	natter where fe	esible.)	<u></u>
_											_
T	he purpose of this modi	fication	is to incre	emer	ntally fund	d the sub	ect	contract by \$ 205,10	0 pursuant	to th	e Contra
۲ د	unding Clause. Therefore collowing is substituted in	ore, H-2.	, Contrac	t Fu	nding, Pa	aragraphs	Aa	and B are deleted in t	neir entire	y and	1 the
	JIIVWINU IS SUUSIIIUIEO IN	neu ine	TEOL								

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# (CONTINUED ON ATTACHED PAGE)

Except as provided herein, all terms and conditions of the document referenced in Ite 15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary Jane Yeager					
B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY AU ANE Kine	16C. DATE SIGNED				
(Signature of person authorized to sign)		(Signatury of Contracting Officery)					
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	3						

NAS1-18925 Modification No. 84 Page 2 of 2

# "(A) H-2. CONTRACT FUNDING

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$8,818,923 and covers the following period of performance: contract award through December 31, 1996.

(b) An additional amount of \$ 453,887 is obligated under this contract for payment of fee."

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(B) All other terms and conditions remain unchanged.

#### CONTRACT SUMMARY

	AMOUNT THROUGH <u>MOD.</u> NO. 83	<u>MOD. NO. 84</u>	AMOUNT THROUGH MOD. NO. 84
COST FEE	\$10,272,000 600,000	-0- <u>-0-</u>	\$ 10,272,000 600,000
TOTAL CPFF	\$ 10,872,000	-0-	\$ 10,872,000

#### CONTRACT FUNDING SUMMARY

	AMOUNT		AMOUNT
	THROUGH	MOD. NO. 84	THROUGH
	<u>MOD. NO. 83</u>		MOD. NO. 84
COST	\$ 8,620,512	\$198,411	\$ 8,818,923
FEE	<u> </u>	6,689	453,887
TOTAL CPFF	\$ 9,067,710	\$205,100	\$ 9,272,810

·						OMB App	proval #	#: 2700-3042
AME	NDMENT OF SOLICITATION	MODIFICATION OF CO	ONTRACT	1. CL ACT IE	CODE		AGE O	F PAGES
2. AME	NDMENT/MODIFICATION NO. 85	3. EFFECTIVE DATE		ON/PURCHASE RE Block 12 Belo		5. PROJEC	T NO.	(If applicable)
6. ISSI	JED BY CODE			ERED BY (If other th		CODE	T	
La	ational Aeronautics and Space anlgey Research Center ampton, VA 23681-0001	Administration						
8. NAA	E AND ADDRESS OF CONTRACTOR (NO	o., street, county, State, and Zip Co	de) (x)	9A. AMENDMEN	T OF SOLIC	TATION NO.		
A	esearch Triangle Institute ttn: Mr. J. Scott Merrell . O. Box 12194			9B. DATED (SEE	ITEM 11)			
R	esearch Triangle Park, NC 27	709-2194	x	10A. MODIFICAT NAS1-18		INTRACT/ORE	DER NO	D
				10B. DATED (SE	E ITEM 13)			
CODE				6/21/89				
	11. THIS ITE	EM ONLY APPLIES TO	AMENDME	NTS OF SOLI		DNS	<u></u>	
(c) By AT TH virtue o referen 12. AC		PT OF OFFERS PRIOR TO THE H offer already submitted, such chang and is received prior to the opening (If required) COMPLETE) (TASK 46) PPLIES ONLY TO MOD THE CONTRACT/ORD	nendment numbe OUR AND DATE je may be made hour and date sp DIFICATION ER NO. AS	HS. FAILURE OF YO SPECIFIED MAY RI by telegram or letter, ecified. S OF CONTR. DESCRIBED	ACTS/O	DWLEDGEMEI EJECTION OF Ich telegram of RDERS, I 14.	NT TO F YOUR r letter r	BE RECEIVED OFFER. If by makes
	1							
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN	ITEM 14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	BES (such a	s changes in p	aying o	office,
<u> </u>	D. OTHER (Specify type of modification			OF:				
14. Di		TION (Organized by UCF section h	ieadings, includir		ct subject m	atter where fee		
F	he purpose of this modificatior unding Clause. Therefore, H- blowing is substituted in lieu th	2., Contract Funding, Pa	I the subject ragraphs A	t contract by \$ and B are dele	41,815   eted in th	pursuant to	o the y and	Contract I the

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# (CONTINUED ON ATTACHED PAGE)

Except as provided herein, all terms and conditions of the document referenced in It 15A. NAME AND TITLE OF SIGNER (Type or print)		Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Beverly Thomas-Burse				
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Burchy Morria - Burn	16C. DATE SIGNED 3-12-96			
(Signature of person authorized to sign)		(Signature of Contracting Officer)				
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	3	0-105 STANDARD FC Prescribed by GS FAR (48 CFR) 53				

NAS1-18925 Modification No. 85 Page 2 of 2

"(A) H-2. CONTRACT FUNDING

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$ 8,853,105 and covers the following period of performance: contract award through December 31, 1996.

(b) An additional amount of \$ 461,520 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

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#### CONTRACT SUMMARY AMOUNT AMOUNT THROUGH MOD. MOD. NO. 85 THROUGH NO. 84 MOD. NO. 85 COST \$10,272,000 \$ 10,272,000 -0-FEE 600,000 <u>-0-</u> 600,000 TOTAL CPFF \$10,872,000 -0-\$10,872,000

# CONTRACT FUNDING SUMMARY

	AMOUNT THROUGH <u>MOD. NO. 84</u>	<u>MOD. NO. 85</u>	Amount Through Mod. No. 85
COST	\$ 8,818,923	\$34,182	\$ 8,853,105
FEE	<u>453,887</u>	<u>7,633</u>	<u>461,520</u>
TOTAL CPFF	\$ 9,272,810	\$41,815	\$ 9,314,625

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	NDMENT OF SOLICITATION				1. CONTRACT ID CODI		1 1	PAGE O 1	F PAGES
	NDMENT OF SOLICITATION NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE			N/PURCHASE REQ. NO	T			(If applicable)
	86				Block 12 Below				
. ISSU	JED BY CODE		7. ADM	NISTER	RED BY (If other than Item	16)	CODE		
La	ational Aeronautics and Space Ingley Research Center ampton, VA 23681-0001	Administration							
B. NAM	E AND ADDRESS OF CONTRACTOR (NO	, street, county, State, and Zip Coo	de)	(X)	9A. AMENDMENT OF S	OLICIT	ATION NO	•	
At P.	esearch Triangle Institute tn: Mr. J. Scott Merrell O. Box 12194 esearch Triangle Park, NC 27	709-2194			98. DATED (SEE ITEM	- -	RACT/OR		 D.
					NAS1-18925				
				x	10B. DATED (SEE ITEN	1 13)			<u>.</u>
ODE					6/21/89				<u>.    .                               </u>
	11. THIS ITE	EM ONLY APPLIES TO /	AMEND	MEN	TS OF SOLICITA	TION	S	<u> </u>	
(c) By s AT THE virtue of reference	completing Items 8 and 15, and returning eparate letter or tolegram which includes a E PLACE DESIGNATED FOR THE RECEIF f this amendment you desire to change an ce to the solicitation and this amendment, a COUNTING AND APPROPRIATION DATA	PT OF OFFERS PRIOR TO THE HO offer already submitted, such chang and is received prior to the opening to	nendment n OUR AND I le may be n	umbers DATE S lade by	. FAILURE OF YOUR AC PECIFIED MAY RESULT telegram or letter, provide	KNOW	LEDGEME	ent to F your	BE RECEIVED R OFFER. If by
	Page 2	(in rodunce)	1	1X					
	13. THIS ITEM A	PPLIES ONLY TO MOD THE CONTRACT/ORD							
(X)	A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A.							E CONT	RACT ORDER
x	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE AU		OF FAR	43.103(b).	ich as c	hanges in ,	paying c	officə,
	C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT		RITY C	DF:				
	D. OTHER (Specify type of modification	and authority)			<u></u>				
E. IMI	PORTANT: Contractor Vis not, 🗍 is	required to sign this document	and return		_ copies to the issuing	office.			·····
TI F	SCRIPTION OF AMENDMENT/MODIFICA he purposes of this modification unding Clause and to reallocation and B are deleted in their entire	on are to incrementally fu te funds between cost an	and the s id fee.	subje There	ct contract by \$32 fore, H-2, Contrac	,880 j	pursuan	it to th	
		(CONTINUE	ED ON F	PAGE	2)				
the second day of the second day is a second day of the second day	as provided herein, all terms and condition				the second se				
15A. N	IAME AND TITLE OF SIGNER (Type or pri	ntj	16A. NA	ME ANI	D TITLE OF CONTRACT	ING OF	FICER (Ty	pe or pr	int)

		Beverly Thomas-Burse	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATE S OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30	-105 STANDAR Prescribed I FAR (48 CF	

NAS1-18925 Modification No. 86 Page 2 of 2

"(A) H-2. CONTRACT FUNDING

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$ 8,903,477 and covers the following period of performance: contract award through December 31, 1996.

(b) An additional amount of \$ 444,028 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

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# CONTRACT SUMMARY

	AMOUNT THROUGH <u>MOD. NO. 85</u>	MOD. NO. 86	AMOUNT THROUGH MOD. NO. 86
COST	\$10,272,000	-0-	\$ 10,272,000
FEE	600,000	<u>-0-</u>	600,000
TOTAL CPFF	\$ 10,872,000	-0-	\$ 10,872,000

## **CONTRACT FUNDING SUMMARY**

	(V	with fee adjustment)	
	AMOUNT		AMOUNT
	THROUGH	<u>MOD. NO. 86</u>	THROUGH
	<u>MOD. NO. 85</u>		<u>MOD. NO. 86</u>
COST	\$ 8,853,105	\$50,372	\$ 8,903,477
FEE	461,520	(17,492)	444,028
TOTAL CPFF	\$ 9,314,625	\$ 32,880	\$ 9,347,505

## ACCOUNTING AND APPROPRIATION DATA

<b>Tasi</b> Pr: Jo:	K NO. 7 DIH.1200 H15151 R20882 R20895	\$1,313 \$1,311 \$1,311	(COMPLETE) (COMPLETE) (COMPLETE)	tasi Pr: Jo:	K NO. 47 DIH.1116 H15151	\$26,323	(COMPLETE)
	R21096 R21020	\$1,311 \$1,311 T,557	(COMPLETE) (COMPLETE)				

	·	<u>``</u>		<u> </u>	OMB /	Approval #:				
AME	NDMENT OF SOLICITAT			TION OF C	ONTRACT	1. CONTRAUI D CODE	F	PAGE OF	PAGES 2	
	NDMENT/MODIFICATION NO. 87			E DATE	4. REQUISIT	NONPURCHASE REQ. NO. Block 12 below.	5. PROJE	CT NO. (I	f applicat	Xe)
6. ISSU		CODE				ERED BY (If other than Item 6)	CODE	1		
La	ational Aeronautics and S angley Research Center ampton, VA 23681-0001	pace Adm	inistra	ition						
8. NAM	E AND ADDRESS OF CONTRACTO	OR (No., stree	t, county,	State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLIC	TATION NO.			
At P.	esearch Triangle Institute tn: Mr. J. Scott Merrell O. Box 12194 esearch Triangle Park, NC	27709-2	2194		×	98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO NAS1-18925	NTRACT/OR	DER NO.		
CODE		FACILITY C	ODE			10B. DATED (SEE ITEM 13) 6/21/89				
	11. THI			PPI JES TO		NTS OF SOLICITATIO	NS			
	The above numbered solicitation is an						xtended.	10	extended	
(c) By s AT THE virtue of reference 12. AC		udes a referen ECEIPT OF C ge an offer air nent, and is re DATA (If requ 2,078 (CC M APPLI	ce to the FFERS ( eady sub ceived pu wired) mplet( ES ON	solicitation and a PRIOR TO THE H mitted, such chan rior to the opening e) (T7) ILY TO MOD	nendment numbe OUR AND DATE ge may be made hour and date sp DIFICATION	SPECIFIED MAY RESULT IN RI by telegram or letter, provided ea	DWLEDGEME EJECTION OI Ich telegram c	NT TO B	E RECEN	VED
(X)	A. THIS CHANGE ORDER IS ISS	UED PURSU	NT TO:	(Specify authority	) THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE	ECONTR	ACT OR	DER
	NO. IN ITEM 10A.				· · · · · · · · · · · · · · · · · · ·			=		
X	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	TH IN ITEM 1	4, PURS	UANT TO THE AL	THORITY OF FA	AR 43.103(b).	s changes in j	paying off	ice,	
	C. THIS SUPPLEMENTAL AGRE	EMÉNT IS EN	TERED	INTO PURSUANT	TO AUTHORITY	(OF:				
	0. OTHER (Specify type of modifi	cation and au	thority)		<u></u>					
E. IMF	PORTANT: Contractor Sis not,	🗌 is requir	ed to sig	n this document	and return	copies to the issuing offic	cə.			
14. DE	SCRIPTION OF AMENDMENT/MOL	DIFICATION (	Organize	d by UCF section i	headings, includir	ng solicitation/contract subject ma	atter where fe	asible.)		-
Co	ne purpose of this modific ontract Funding clause (\$ ad B are deleted in their en	21,392 for	cost a	nd \$686 for f	ee). Therefo	ore, H-2., Contract Fund			s A	
"A	A. H-2. CONTRACT FUI	NDING								
	(a) For purposes of pa tal amount allotted by the erformance: contract awa	Governn	nent to	o this contrac	t is \$8,924,8:				ise, the	3
•				100)	NTINUED)					
	as provided herein, all terms and co		docume	nt referenced in Ite	em 9A or 10A, as					ect
15A. N	NAME AND TITLE OF SIGNER (Type	e or print)			$  \rangle \langle \Delta \rangle$	and TITLE OF CONTRACTING ( chard J. Siebels	OFFICER (Ty	rpe ar prin	nt)	
158. 0	CONTRACTOR/OFFEROR		15C. (	DATE SIGNED	1 -21	STATES OF AMERICA		16C. DAT	ESIGNE	0
<del></del>	(Signature of person authorized to	sian)	}		BY (S	Ignature of Contracting Officer)		MAY	U 6	19 <b>96</b>
NSN 7	540-01-152-8070		L		<u> </u>			20 /Dev	10.92	

PREVIOUS EDITION UNUSABLE

(b) An additional amount of \$444,714 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

## CONTRACT SUMMARY

	Amount Through <u>Mod. No. 86</u>	Mod. No. 87	Amount Through <u>Mod. No. 87</u>
Cost Fee Total CPFF	\$10,272,000 <u>600,000</u> \$10,872,000	\$0 _0 \$0	\$10,272,000 600,000 \$10,872,000

#### CONTRACT FUNDING SUMMARY

	Amount Through <u>Mod. No. 86</u>	<u>Mod. No. 87</u>	Amount Through <u>Mod. No. 87</u> _
Cost Fee	\$8,903,477 <u>444,028</u>	\$21,392 <u>686</u>	\$8,924,869 444,714
Total CPFF	\$9,347,505	\$22,078	\$9,369,583

Page 2 of 2 NAS1-18925 Modification No. 87

		OMB	oproval #: 2700-0042	
AMENDMENT OF SOLICITATION		ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 88	JUN 1996		ION/PURCHASE REQ. NO. N/A	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			
8. NAME AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
Research Triangle Institute				
Attn: Scott Merrell P.O. Box Box 12194			9B. DATED (SEE ITEM 11)	
Research Triangle Park, NC 2	27709-2194			
<b>c</b> <i>i</i>			10A. MODIFICATION OF CO	INTRACT/ORDER NO.
		x	NAS1-18925	
			6/21/89	
CODE			IDB. DATED (SEE ITEM IS)	
11. THIS IT	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIC	NS
The above numbered solicitation is amend				extended, is not extended.
Offers must acknowledge receipt of this amendm		•		
(c) By separate letter or telegram which includes AT THE PLACE DESIGNATED FOR THE RECE virtue of this amendment you desire to change an reference to the solicitation and this amendment, 12. ACCOUNTING AND APPROPRIATION DAT N/A 13. THIS ITEM A	IPT OF OFFERS PRIOR TO THE H offer already submitted, such chan and is received prior to the opening	OUR AND DATE ge may be made hour and date sp	SPECIFIED MAY RESULT IN R by telegram or letter, provided ea ecified.	EJECTION OF YOUR OFFER. If by ach telegram or letter makes
	S THE CONTRACT/ORE			•
(X) A. THIS CHANGE ORDER IS ISSUED NO. IN ITEM 10A.	PURSUANT TO: (Specify authority	) THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT ORDER
NO. IN ITEM TOA.				
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN				as changes in paying office,
X C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification	a and authority)			······
	and addronny)			
E. IMPORTANT: Contractor is not, x is				
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio eighty-four months to one hund result of this modification Sect by deleting "eighty-four (84) m conditions remain unchanged.	on is to extend the period dred and one months. The ion F., Article F-1. Period	of performation of performation of performation of performation of the performation of	nce of the contract by ompletion date is Nove ance-Task Assignment	seventeen months from ember 21, 1997. As a is, paragraph A. is revised
Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or p DAVE OBRINGE SENIOR CONTRACT NET 15B. CONTRACTOR/OFEROR	GOTIATOR	16A. NAME Richal 16B. UNITER	heretofore changed, remains un IND TITLE OF CONTRACTING d J. Siebels	
(Signature of person authorized to sign)	21 May 1996	BY ALL	gnature of Contracting Officer	JUN 1 1 100B
NSN 7540-01-152-8070	3	0-105		ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE			-	ed by GSA

;

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

				•	OME	B Approval #: 2700-0042				
	DMENT OF SOLICITATION				ONTRACT	1. CONTRACT ID CODE		PAGE OI	PAGES	
	DMENT/MODIFICATION NO. 89	3. EFFECT	VEDA		4. REQUIS	NITIONPURCHASE REQ. NO. 20 Block 12 below	5. PRC	DJECT NO.	(If applicable)	-
8. ISSUED				<u> </u>	7. ADMINIS	STERED BY (If other than Item 6)	COD	E		_
Lan	onal Aeronautics and Space gley Research Center npton, VA 23681-0001	Administr	atior	1						
	AND ADDRESS OF CONTRACTOR (No	., street, count	y, Stat	e, and Zip Co	de) ()	AMENDMENT OF SOLI	CITATION	NO.		-
	earch Triangle Institute									
	). Box Box 12194					98. DATED (SEE ITEM 11)				
	earch Triangle Park, NC 21	7709-2194								
	-					10A. MCDIFICATION OF C	ONTRACT	ORDER NO	D.	
					>	x NAS1-18925				
						6/21/89 108. DATED (SEE ITEM 13	2)			_
CODE	FAC			····			<i>''</i>			
	11. THIS ITE	M ONLY	APP	LIES TO	AMENDM	ENTS OF SOLICITATI	ONS	<u> </u>		—
The	above numbered solicitation is amended						s extended,	is n	ot extended.	-
	ist acknowledge receipt of this amendme						he following	g methods:		
(c) By sep AT THE F virtue of th reference 12. ACC	npleting Items 8 and 15, and returning parate letter or telegram which includes a PLACE DESIGNATED FOR THE RECEIF his amendment you desire to change an o to the solicitation and this amendment, a OUNTING AND APPROPRIATION DATA e Page 2.	offer already su offer already su	e solid S PRIC Ibmitte	citation and a DR TO THE H ed, such chan	nendment nun OUR AND DA ge may be mad	nbers. FAILURE OF YOUR ACKI TE SPECIFIED MAY RESULT IN de by telegram or letter, provided of	NOWLEDG	EMENT TO	BE RECEIVED R OFFER. If by	
	13. THIS ITEM A					ONS OF CONTRACTS/		S,		
						AS DESCRIBED IN ITE				
	A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A.	URSUANT TO	): (Spi	ecity authority	) THE CHANG	GES SET FORTH IN THEM 14 AR	E MAUE IN	THE CONT	RACIORDEP	t.
							·			_
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	ITEM 14, PUR	SUAN	T TO THE AL	THORITY OF	FAR 43.103(b).	as change	s in paying i	office,	
	C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED		PURSUANT	TO AUTHOR	ITY OF:				
	D. OTHER (Specify type of modification	and authority)		· · · · · · · · · · · · · · · · · · ·						
E. IMP	ORTANT: Contractor x is not, is rea	auired to sign	this d	locument an	d return	copies to the issuing office	<b>.</b>			
The cla in t	CRIPTION OF AMENDMENT/MODIFICA e purpose of this modification use (\$221,397 for cost and their entirety and the followin H-2. CONTRACT FUNDING	n is to incr \$8,590 for g is substi	eme fee)	ntally fund	d the conti re, H-12.,	ract by \$229,987 pursua	ant to th	e Contra	ict Funding	
(a)	For purposes of payment of	cost, excl								
	ount allotted by the Governme		s coi	ntract is \$	9,146,266	and covers the following	ng perio	d of perf	ormance:	
	ntract award through June 1- ONTINUED)	4, 1997.								
	s provided herein, all terms and condition	ns of the docur	ient re	ferenced in It	em 9A or 10A.	as heretofore changed, remains t	unchanged	and in full fo	irce and effect.	
15A. NA	ME AND TITLE OF SIGNER (Type or pr	int)				E AND TITLE OF CONTRACTIN	G OFFICEF	R (Type or p	rint)	
158. CC	DNTRACTOR/OFFEROR	15C	DAT	E SIGNED	168. UNI BY	TED STATES OF AMERICA/			ATE SIGNED	19
						10				
	(Signature of person authorized to sign) 40-01-152-8070				0-105	(Signature of Contracting Officer		BM 30 (P	ev 10-831	
NSN 754	(Signature of person authorized to sign) 40-01-152-8070 US EDITION UNUSABLE			3	0-105	STAN Prescr			ev. 10-83)	

(b) An additional amount of \$453,304 is obligated under this contract for payment of fee."

i

(B) All other terms and conditions remain unchanged.

1.1

Contract Summary

	Mod. 88	Total
Contract Summary		
Cost	<b>S</b> 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary	,	
Cost	<b>\$</b> 221,397	\$9,146,266
Fee	8.590	453,304
Total CPFF	\$229,987	\$9.599.570

Accounting and Appropriation Data:

PR DIH.1224; R21096; **\$24**,987 (Complete) (T49) DIH.1230; H15151; **\$55**,000 (Partial) (T50) DIH.1229;H15151; **\$150**,000 (Partial) (T51)

		and the second					
				ODIFICATION OF		1. CONTRACT ID CODE	PAGE OF PAGES
		FICATION NO.		FEGTIVE DAGEN		L ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	Ģ	90		Jon 1 1 1330	See	Block 12 below	
ISSUED	BY		CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
				dministration			
		arch Cent					
Ham	pton, VA	23681-0	001				
			ACTOR (No.	street, county, State, and Zip	Code) (x)	9A. AMENDMENT OF SOL	CITATION NO
		angle Instit					
	Scott M	-					
	Box Box					9B. DATED (SEE ITEM 11)	
Rese	earch Tria	angle Park	, NC 277	09-2194			
		•				10A. MODIFICATION OF C	ONTRACT/ORDER NO.
					×	NAS1-18925	
						6/21/89	······································
			· · · · · ·			10B. DATED (SEE ITEM 13	9
ODE			I	TY CODE			
		11.	THIS ITEN	ONLY APPLIES T	O AMENDME	NTS OF SOLICITATI	
				s set forth in Item 14. The ho			s extended, is not extended.
fers mus	t acknowledg	ge receipt of thi	is amendment	prior to the hour and date spe	ecified in the solicitation	ition or as amended, by one of t	he following methods:
T THE PL itue of this ference to 2. ACCO	ACE DESIG s amendmer o the solicita	INATED FOR 1 Int you desire to Ition and this ar D APPROPRIA 13. THIS	h includes a re THE RECEIPT change an offer nendment, and TION DATA (1)	er already submitted, such ch lis received prior to the open (required) PLIES ONLY TO M	amendment numb E HOUR AND DATI lange may be made ing hour and date s	E SPECIFIED MAY RESULT IN by telegram or letter, provided of pecified.	REJECTION OF YOUR OFFER. If by each telegram or letter makes
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(b) An additional amount of \$457,242 is obligated under this contract for payment of fee."

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(B) All other terms and conditions remain unchanged.

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Contract Summary

	Mod. 90	Total
Contract Summary		
Cost	<b>\$</b> 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$92,235	\$9,238,501
Fee	3,938	457,242
Total CPFF	\$96,173	\$9,695,743

Accounting and Appropriation Data:

PR DIH.1245; R20882; \$50,000 (Partial) (Task 53) DIH.1246; R20882; \$29,900 (Complete) (Task 52) DC0.1045; R20895; \$16,273 (Complete) (Task 39)

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(c) By s AT THE virtue of reference 12. AC (X) (X) X	separate letter or telegram which include E PLACE DESIGNATED FOR THE RE if this amendment you desire to change ce to the solicitation and this amendme COUNTING AND APPROPRIATION D ee Page 2. 13. THIS ITE! IT MODIF A. THIS CHANGE ORDER IS ISSU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modific PORTANT: Contractor x is not,	des a reference ECSIPT OF OFF e an offer alreau nent, and is rece DATA (If require M APPLIES THES THE ( JED PURSUAN TRACT/ORDEF TH IN ITEM 14, 1 MENT IS ENTE cation and author is required to	to the solicitation and a ERS PRIOR TO THE I dy submitted, such char ived prior to the openin ed) S ONLY TO MO CONTRACT/ORI TO: (Specify authorit R IS MODIFIED TO REF PURSUANT TO THE A RED INTO PURSUAN inty)	DIFICATION DER NO. AS DIFICATION DER NO. AS THE CHANGE FLECT THE ADM NUTHORITY OF F T TO AUTHORIT	ers. FAILURE OF YOUR ACKNO E SPECIFIED MAY RESULT IN R by telegram or letter, provided ea pecified. IS OF CONTRACTS/O S DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE INISTRATIVE CHANGES (such a AR 43.103(b). Y OF:	OWLEDGEME EJECTION OF ach telegram of DRDERS, <u>A 14.</u> MADE IN THE as changes in p	NT TO BE R YOUR OFF r letter make	ECEIVE ER. If b s	у 
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(c) By s AT THE virtue of references (x) (x) (x) (x) (x) (x) (x) (x) (x) (x)	separate letter or telegram which include E PLACE DESIGNATED FOR THE RE of this amendment you desire to change ce to the solicitation and this amendment COUNTING AND APPROPRIATION C ee Page 2. 13. THIS ITE! IT MODIF A. THIS CHANGE ORDER IS ISSU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modific ESCRIPTION OF AMENDMENT/MODI he purpose of this modification ause (\$37,637 for cost and their entirety and the follo A. H-2. CONTRACT FUND a) For purposes of paymen mount allotted by the Gove contract award through Jun	des a reference ECEIPT OF OFF lee an offer alread beam offer alread beam offer alread DATA (If require MAPPLIES THES THE C JED PURSUAN TRACT/ORDEF TH IN ITEM 14, 1 SECTION (Org ation is to in the S2,363 for bowing is sult DING at of cost, e ernment to be 14, 1997 additions of the do	to the solicitation and a ERS PRIOR TO THE I dy submitted, such char ived prior to the openin do SONLY TO MO CONTRACT/OR TO: (Specify authorit R IS MODIFIED TO REF PURSUANT TO THE A RED INTO PURSUAN intry) sign this document and panized by UCF section incrementally fur for fee). Therefor ostituted in lieu t xclusive of fee, this contract is S	DIFICATION DER NO. AS pour and date s DIFICATION DER NO. AS full the change flect the ADM NUTHORITY OF F T TO AUTHORIT nd return headings, include the contra re, H-2., Con hereof: in accordanc \$9,276,138 a ltem 9A or 10A, as 16A. NAME	ers. FAILURE OF YOUR ACKNO E SPECIFIED MAY RESULT IN R by telegram or letter, provided ea pecified. IN OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE INISTRATIVE CHANGES (such a AR 43.103(b). Y OF: 	OWLEDGEME EJECTION OF ach telegram of DRDERS, 114. MADE IN THE as changes in p atter where fea t to the Co phs A and f Funds cla g period of achanged and i	NT TO BE R YOUR OFF r letter make CONTRAC Daying office, asible,) ntract Fu B are de ause, the f perform n full force a	r order inding leted total ance:	у R
(c) By s AT THE virtue of reference (x) (x) (x) (x) (x) (x) (x) (x) (x) (x)	separate letter or telegram which include E PLACE DESIGNATED FOR THE RE of this amendment you desire to change ce to the solicitation and this amendment COUNTING AND APPROPRIATION C ee Page 2. 13. THIS ITE! IT MODIF A. THIS CHANGE ORDER IS ISSU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT C. THIS SUPPLEMENTAL AGREE D. OTHER (Specify type of modific PORTANT: Contractor x is not. ESCRIPTION OF AMENDMENT/MODI he purpose of this modification ause (\$37,637 for cost and their entirety and the follo A. H-2. CONTRACT FUND a) For purposes of paymen mount allotted by the Gove contract award through Jun CONTINUED) t as provided herein, all terms and con- NAME AND TITLE OF SIGNER (Type of NAME AND TITLE OF SIGNER (Type of NAME AND TITLE OF SIGNER (Type of D. NAME AND TITLE OF SIGNER (Type of D. DAME AND TI	des a reference ECEIPT OF OFF e an offer alreau eent, and is rece DATA (If require MAPPLIES FIES THE O JED PURSUAN TRACT/ORDEF FIENTIS ENTE CHINITEM 14, 1 MENT IS ENTE cation and author is required to a iFICATION (Org ation is to in d \$2,363 for bowing is sub DING ot of cost, e ernment to be 14, 1997 additions of the de or print)	to the solicitation and a ERS PRIOR TO THE I dy submitted, such char ived prior to the openin ed) SONLY TO MO CONTRACT/ORI TO: (Specify authorit R IS MODIFIED TO REF PURSUANT TO THE A RED INTO PURSUAN anized by UCF section incrementally fur for fee). Therefor Distituted in lieu t xclusive of fee, this contract is S ocument referenced in I	DIFICATION DER NO. AS DIFICATION DER NO. AS THE CHANGE FLECT THE ADM NUTHORITY OF F T TO AUTHORITY headings, include the contra re, H-2., Con hereof: in accordanc \$9,276,138 a ltem 9A or 10A, as 15A. NAME Richa	ers. FAILURE OF YOUR ACKNO E SPECIFIED MAY RESULT IN R by telegram or letter, provided ea pecified. IS OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE INISTRATIVE CHANGES (such a AR 43.103(b). Y OF: 	OWLEDGEME EJECTION OF ach telegram of ORDERS, <u>A 14.</u> MADE IN THE as changes in p hatter where fea t to the Co phs A and f Funds cla g period of ochanged and i OFFICER (Ty)	NT TO BE R YOUR OFF r letter make CONTRAC Daying office, asible.) ntract Fu B are de ause, the f perform n full force a pe or print)	r ORDEI inding leted total ance:	у R
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(b) An additional amount of \$459,605 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

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	Contract Summary	
Mod. 91	Total	
<b>S</b> 0	\$10,272,000	
0	600,000	
0	\$10,872,000	
\$ 37.637	\$9,276,138	
2,363	459,605	
\$ 40,000	\$9,735,743	-
	<b>\$</b> 0 0 0 <b>\$</b> 37.637 2.363	Mod. 91 Total \$ 0 \$10,272,000 0 600,000 0 \$10,872,000 \$ 37,637 \$9,276,138 2,363 \$459,605

Accounting and Appropriation Data:

PR DIH.1264;H15151; \$40,000 (Complete) (Task 51)

					OME	3 A I	oproval #: 2700-0042					
AMENDMENT OF SOLICITATION			τιοι		NTRACT		1. CONTRACT ID CODE		P.		PAGES	
2. AMENDMENT/MODIFICATION NO.	3. EFFE	ECTIVE	DAT	ε	4. REQUIS	ITK	DN/PURCHASE REQ. NO.	5.	PROJEC		If applica	able)
92 6. ISSUED BY CODE	- <b>JU</b>	LZ	g	1996			Block 12 below RED BY (If other than Item 6)		CODE	<del>,</del>		
National Aeronautics and Space Langley Research Center	L	istrati	ion	. <u></u>					CODE	L		
Hampton, VA 23681-0001												
NAME AND ADDRESS OF CONTRACTOR (N	o., street, co	ounty, S	State,	and Zip Co	de) (x	)	9A. AMENDMENT OF SOLIC	TAT	ICN NO.			
Research Triangle Institute Attn: Scott Merrell												
P.O. Box Box 12194						ł	9B. DATED (SEE ITEM 11)					
Research Triangle Park, NC 2	7709-21	94					,,					
							10A. MODIFICATION OF COI	VTR	ACT/OR	DER NO	•	
					×	<	NAS1-18925					
							6/21/89 108. DATED (SEE ITEM 13)					
CODE FA		DË										
11. THIS IT		Y AF	PL	IES TO	AMENDM	EN	TS OF SOLICITATIO	NS		····		
The above numbered solicitation is amende									ded,		extende	d.
Offers must acknowledge receipt of this amendme	ent prior to t	he houi	r and	date specifi	ed in the solicit	tatic	on or as amended, by one of the	follo	wing met	hods:		
(a) By completing items 8 and 15, and returning _	copies	s of the	amer	idment; (b)	By acknowledg	jing	receipt of this amendment on e	ach (	copy of th	e offer s	ubmitted	; or
(c) By separate letter or telegram which includes a AT THE PLACE DESIGNATED FOR THE RECEI	PT OF OFF	ERS PI	RIOR	TO THE H	OUR AND DAT	TE S	SPECIFIED MAY RESULT IN RE	EJEC	CTION OF	F YOUR	OFFER.	IVED If by
virtue of this amendment you desire to change an reference to the solicitation and this amendment.	offer alread	ly subm	itted.	such chance	e may be mad	e by	r telegram or letter, provided ear	:h te	legram o	r letter m	akes	
12. ACCOUNTING AND APPROPRIATION DAT	A (If require	a)										
DIH.1190; R21096; \$28,392 (C		) (Ta	<u>isk</u>	<u>42)</u>		NIC	OF CONTRACTS/O					
							DESCRIBED IN ITEM					
(X) A. THIS CHANGE ORDER IS ISSUED										CONTE	ACT OF	RDER
NO. IN ITEM 10A.												
X B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	CT/ORDER ITEM 14, P	IS MO		D TO REFL TO THE AU	ECT THE ADM THORITY OF 1	VIN FAF	STRATIVE CHANGES (such as R 43.103(b).	cha	inges in p	aying of	Tice,	
C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTE	RED IN	TO P	URSUANT	TO AUTHORIT	TY (	DF:					
D. OTHER (Specify type of modification	and author	rity)						<u> </u>				
E. IMPORTANT: Contractor X is not, is re 14. DESCRIPTION OF AMENDMENT/MODIFICA	quired to s	ign this	s doc	ument and	return	dino	copies to the issuing office.	Mori	where for	scible 1	<del></del>	
The purpose of this modificatio											Fundi	na
clause (\$27,144 for cost and \$	1,248 fo	r fee)	). Tł	nerefore	, H-2., Cor	ntra	act Funding, Paragrap	hs	A and	B are	delete	ed
in their entirety and the followin		stitut	ed i	n lieu th	ereof:							
"A. H-2. CONTRACT FUNDING				offoo in				<b>-</b>	ada ak			-
<ul> <li>(a) For purposes of payment of amount allotted by the Governi</li> </ul>	nent to t	this c	ive (	or ree, ir act is \$0	1 accordan	an	with the Limitation of	rui ne	nas cia	iuse, i		ai
Contract award through June 1				αοί ισ ψι	,000,202	an	a covers the following	pe		peno	manc	
(CONTINUED)												
Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or pr		cument	refer	enced in Ite			eretofore changed, remains und ID TITLE OF CONTRACTING C					fect.
							J. Siebels	7F F 10		e or pri	uj	
158. CONTRACTOR/OFFEROR	1	5C. DA	ATE S	IGNED	168. UNT	fp :	STATES OF METHON		1	6C. DA1		ED
					BY Kel	1	st Atelali				-	
(Signature of person authorized to sign)						(Sig	nature of Contracting Officer)			JUL	29	1996
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE				30	-105		STAND/			30 (Rev	10-83	)
							Prescribe FAR (48 (					

(b) An additional amount of \$460,853 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

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\* Contract Summary Mod. 92 Total Contract Summary Cost \$10,272,000 \$ 0 Fee 0 600,000 **Total CPFF** 0 \$10,872,000 Funding Summary Cost \$ 27,144 \$9,303,282 460,853 Fee 1,248 \$9,764,135 **Total CPFF** \$ 28,392

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					Approval #: 2700-0042 1. CONTRACT ID CODE	PAGE	OF P	AGE	s
	NDMENT OF SOLICITAT					1			
	93	A <sup>c</sup>	figecov60^t996		FION/PURCHASE REQ. NO. e Block 12 below	5. PROJECT N	). (If a	ipplic	cable)
6. ISSU	ED BY (	CODE			TERED BY (If other than Item 6)	CODE			
La	ational Aeronautics and S ngley Research Center ampton, VA 23681-0001	•	ninistration						
8. NAM	E AND ADDRESS OF CONTRACT	OR (No., stree	et, county, State, and Zip Cod	e) (x)	9A. AMENDMENT OF SOLIC	TATION NO.			
Re Att P.	esearch Triangle Institute tn: Scott Merrell O. Box Box 12194 esearch Triangle Park, N				9B. DATED (SEE ITEM 11)				
	scarch mangle r and, re	0 21100	-2134		10A. MODIFICATION OF CO	NTRACT/ORDER	NO.		
				×	6/21/89				
					10B. DATED (SEE ITEM 13)				
CODE	······································	FACILITY							
<u> </u>	<u> </u>	STIEMC	DNLY APPLIES TO A	MENDME	NTS OF SOLICITATIC	DNS extended, is			
(c) By s AT THE virtue of reference 12, AC	IT MODI A. THIS CHANGE ORDER IS ISS NO. IN ITEM 10A. B. THE ABOVE NUMBERED CO	udes a refere RECEIPT OF ge an offer al ment, and is r I DATA (if rec 0 (COMPI EM APPL FIES THI UED PURSU	nce to the solicitation and am OFFERS PRIOR TO THE HC Iready submitted, such change received prior to the opening h guired) ete) (T50) IES ONLY TO MOD E CONTRACT/ORDI IANT TO: (Specify authority) DER IS MODIFIED TO REFLI	IFICATION ER NO. AS THE CHANGE	E SPECIFIED MAY RESULT IN R by telegram or letter, provided ea pecified. NS OF CONTRACTS/O S DESCRIBED IN ITEM ES SET FORTH IN ITEM 14 ARE INISTRATIVE CHANGES (such a	OWLEDGEMENT T EJECTION OF YO ach telegram or lette PRDERS, 1 14. MADE IN THE COI	O BE UR Of er mak	REC FFER kes CT O	EIVED R. If by
	appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGRE								
	D. OTHER (Specify type of modil	ication and a	uthority)	·····					
14. DE TI cl in "A (a ar C (C Except 15A. N	PORTANT: Contractor x is not. SCRIPTION OF AMENDMENT/MOI he purpose of this modific ause (\$87,114 for cost a their entirety and the foll A. H-2. CONTRACT FUN b) For purposes of payme mount allotted by the Gov ontract award through Ju CONTINUED) as provided herein, all terms and co IAME AND TITLE OF SIGNER (Typ	DIFICATION cation is t nd \$2,886 lowing is : DING nt of cost vernment ne 14, 19	(Organized by UCF section he to incrementally fund 6 for fee). Therefore, substituted in lieu the t, exclusive of fee, in to this contract is \$9 997. he document referenced in lter	adings, include the contra H-2., Con ereof: accordanc ,390,396 a n 9A or 10A, as 16A. NAME Richa	act by \$90,000 pursuant tract Funding, Paragray ce with the Limitation of and covers the following s heretofore changed, remains un AND TITLE OF CONTRACTING ird J. Siebels	atter where feasible to the Contra phs A and B a f Funds claus g period of pe ichanged and in full OFFICER (Type or	e, th force	e to nan	ted otal oce: effect.
158. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED	168. UNITE		16C.	DATE	SIGI	NED
	(Sinashim of some sufficient to	ainat		BY T	AMUY VINE	Al	IG	0 (	<b>5 19</b> 96
NSN 7	(Signature of person authorized to 540-01-152-8070	sign)	30-	105	Signature of Contracting Officer)	ARD FORM 30 (	Rev	10-8	31
	OUS EDITION UNUSABLE				Prescrib	ed by GSA CFR) 53.243			-,

(b) An additional amount of \$463,739 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

Contract Summary

Contract Summary	Mod. 93	Total
Cost	<b>S</b> 0	\$10,272,000
• • • • •		· · ·
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 87,144	<b>\$</b> 9,390,396
Fee	2 886	463,739
Total CPFF	\$ 90.000	\$9,854,135

			Approval #: 2700-0042		
AMENDMENT OF SOLICITATION/		ONTRACT	1. CONTRACT ID CODE	PAGE O	F PAGES
AMENDMENT/MODIFICATION NO.	3. SERECTIVE DATE		I TION/PURCHASE REQ. NO.	5. PROJECT NO.	(If applicable)
94 ISSUED BY CODE	01 3 1996		e Block 12 below		
ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)		
National Aeronautics and Space A	Administration				
Langley Research Center					
Hampton, VA 23681-0001					
NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Co	xxe) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
Research Triangle Institute					
Attn: Scott Merrell P.O. Box Box 12194			9B. DATED (SEE ITEM 11)		
Research Triangle Park, NC 277	100.2104		90. DATED (SEETTEM TI)		
Research mangle Faix, NO 211	03-2134		10A. MODIFICATION OF CO	NTRACT/ORDER NO	)
		x	NAS1-18925		
			6/21/89		
			10B. DATED (SEE ITEM 13)	<u> </u>	
DDE FACIL	ITY CODE				
11. THIS ITEN	ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS	
The above numbered solicitation is amended a	s set forth in Item 14. The hour	and date specifie	d for receipt of Offers is e	extended, is no	t extended.
ers must acknowledge receipt of this amendment	prior to the hour and date specif	ied in the solicital	tion or as amended, by one of the	following methods:	
		nour and date sp	ecified.		
See next page.	required)	hour and date sp			
See next page. 13. THIS ITEM API	required) PLIES ONLY TO MOE		S OF CONTRACTS/O		
See next page. 13. THIS ITEM API IT MODIFIES T x) A. THIS CHANGE ORDER IS ISSUED PUF	required) PLIES ONLY TO MOE "HE CONTRACT/ORD	DIFICATION DER NO. AS	S OF CONTRACTS/OI DESCRIBED IN ITEM	14.	ACT ORDER
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(b) An additional amount of \$486,803 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

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**Contract Summary** 

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	Mod. 94	Total
Contract Summary		
Cost	<b>S</b> 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 527,036	\$9,917,432
Fee	23,064	486,803
Total CPFF	\$ 550,100	\$10,404,235
	-	

Task	PR/JO/Amount	Cost/Fee Split
53	DIH.1245;R21955; \$150,000 (Complete)	\$142,228 / \$7,772
51	DIH.1229;H15151;\$257,000 (Complete)	\$247,367 / \$9,633
50	DIH.1230;H15151;\$113,100 (Complete) DIH.1274;H15151;\$ 30,000 (Complete)	\$137,441 / \$5,659

			OMB	Approval #: 27u .042	
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	NOMENT/MODIFICATION NO.	3. EFFECTIVE DATE	A REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
155	95 JED BY COD	F 1905		ERED BY (If other than Item 6)	CODE
La	ational Aeronautics and Spac angley Research Center ampton, VA 23631-0001	L			
NAN	E AND ADDRESS OF CONTRACTOR	No., street, county, State, and Zip C	ode) (x)	9A. AMENDMENT OF SOLICI	TATION NO.
	esearch Triangle Institute			1	
	O. Box Box 12194 esearch Triangle Park, NC 3	27709-2194		9B. DATED (SEE ITEM 11)	
	•			10A. MODIFICATION OF CON	TRACT/ORDER NO.
			x	NAS1-18925	
				6/21/89 10B. DATED (SEE ITEM 13)	
ODE	F/	ACILITY CODE			
	11. THIS I	TEM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATION	NS
	IT MODIFIE A. THIS CHANGE ORDER IS ISSUED NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRA	APPLIES ONLY TO MOI S THE CONTRACT/ORI PURSUANT TO: (Specify authorit)	DER NO. AS	DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE M IISTRATIVE CHANGES (such as	14. ADE IN THE CONTRACT ORDER
	appropriation date, etc.) SET FORTH II C. THIS SUPPLEMENTAL AGREEME				
<u></u>	D. OTHER (Specify type of modification	n and authority)	···		
	PORTANT: Contractor x is not, is re			copies to the issuing office.	
Th cli "A (a Co (C	SCRIPTION OF AMENDMENT/MODIFIC ne purpose of this modificatio ause (\$63,337 for cost and \$ their entirety and the followin H-2. CONTRACT FUNDIN ) For purposes of payment o nount allotted by the Govern ontract award through June 1 CONTINUED)	on is to incrementally fund 3,363 for fee). Therefore ing is substituted in lieu th G f cost, exclusive of fee, in ment to this contract is \$ 4, 1997.	d the contrac e, H-2., Contr hereof: n accordance 9,980,769 ar	t by \$66,700 pursuant t act Funding, Paragraph with the Limitation of F id covers the following p	o the Contract Funding ns A and B are deleted Funds clause, the total period of performance:
	as provided herein, all terms and conditio AME AND TITLE OF SIGNER ( <i>Type or p</i>			eretofore changed, remains unch ND TITLE OF CONTRACTING OF	
				J. Siebels	
58. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF MERICA	16C. DATE SIGNED
	(Signa.ure of person authorized to sign)			nature of Contracting Officer)	<u>NUV_2_1</u> 9
	40-01-152-8070 DUS EDITION UNUSABLE	30	0-105	STANDAI Prescribed FAR (48 Cf	

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(b) An additional amount of \$490,166 is obligated under this contract for payment of fee."

(B) Ali other terms and conditions remain unchanged.

Contract Summary

	Mod. 95	Total
Contract Summary		
Cost	<b>\$</b> 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 63,337	<b>\$</b> 9,980,769
Fæ	3,363	490,166
Total CPFF	\$ 66,700	\$10,470,935

Task	PR/JO/Amount	Cost/Fee Split
54	DIH.1284;R21664; \$9,600 (Complete)	\$29,338/\$1,462
	R22264;\$15,400 (Complete)	
	DIH.1301;R21792; \$5,800 (Complete)	
55	DIH.1312;R21955;\$15,900 (Complete)	<b>\$</b> 33,999/ <b>\$1</b> ,901
	R21955;\$20,000 (Complete)	

				OM	<u>B A</u>	pproval #: 2700-0042				
AME	NDMENT OF SOLICI			ONTRAC	T	1. CONTRACT ID CODE		PAGE C	F PAGES	
	NOMENT/MODIFICATION NO.	3	EFFECTIVE DATE			ON/PURCHASE REQ. NO.	S. PRO.	•	(If applica	bie)
1001	96 JED BY	CODE	DEC 0 6 1996			Block 12 below		···	<u> </u>	
. 1331					ISTE	RED BY (If other than Item 6)	CODE			
	ational Aeronautics and		dministration							
	angley Research Cente									
н	ampton, VA 23681-00	101								
I. NAM	AE AND ADDRESS OF CONTRA	ACTOR (No., si	reet, county, State, and Zip Co	xde) (.	x)	9A. AMENDMENT OF SOLICI	TATION N	0.		
	esearch Triangle Institu	ute								
	ttn: Scott Merrell					00 04750 0050 554 44				
	.O. Box Box 12194 esearch Triangle Park,	NC 2770	19-2194			9B. DATED (SEE ITEM 11)				
	beed on mangie rand,		50 E104		-1	10A. MODIFICATION OF CON	TRACT/O	RDER NO	<u>.</u>	
					x	NAS1-18925				
					ļ	6/21/89				
ODE		EACH IT	YCODE			10B. DATED (SEE ITEM 13)				
						ITS OF SOLICITATIO			······	
								<u> </u>		
	The above numbered solicitation must acknowledge receipt of this						dended, [ following m		ot extended	•
	completing Items 8 and 15, and re					receipt of this amendment on ea	•			
c) By s	eparate letter or telegram which	includes a refe	rence to the solicitation and an	nendment nun	nben	S. FAILURE OF YOUR ACKNOW	NI EDGEN	FNT TO	BE RECE	VE
irtue o	E PLACE DESIGNATED FOR TH f this amendment you desire to c	IE RECEIPT O hange an offer	F OFFERS PRIOR TO THE He already submitted, such chang	OUR AND DA' le may be mad	TE S le by	PECIFIED MAY RESULT IN RE	JECTION (	OF YOUR	OFFER.	if b
eferen	ce to the solicitation and this amo COUNTING AND APPROPRIAT	endment, and is	s received prior to the opening	hour and date	spe	cified.				_
	ee next page.									
	13. THIS	ITEM APP	LIES ONLY TO MOD	FICATIO	NS	OF CONTRACTS/OF	DERS,			
6.5						DESCRIBED IN ITEM				
(x)	NO. IN ITEM 10A.	ISSUED PURS	UANT TO: (Specify authority)	THE CHANG	jes	SET FORTH IN ITEM 14 ARE M	ADE IN TH	E CONT	RACT ORE	)ER
x	B. THE ABOVE NUMBERED appropriation date, etc.) SET F	CONTRACT/O	RDER IS MODIFIED TO REFL	ECT THE AD		STRATIVE CHANGES (such as	changes in	) paying o	ffice,	
<u></u>	C. THIS SUPPLEMENTAL AG				· · ·					
	D. OTHER (Specify type of m	odification and	authority)							
. IMF	PORTANT: Contractor X is n	ot is require	d to sign this document and			copies to the issuing office.			- <u></u>	
4. DE	SCRIPTION OF AMENDMENTA	ODIFICATION	(Organized by UCF section h	eadings, inclue	ding	solicitation/contract subject mat		easible.)		
1 <u>⊤</u>	ne purpose of this mod	ification is	to transfer cost and f	ee funding	g fro	om Task 52 to Task 53				
	ask 52 funding is decre ummary for details.	ased by \$2	25,235 and Task 53 is	sincreased	d b	y \$25,235. See the at	ached	Contra	ct	
5	initialy for uctails.									
(0	ONTINUED)									
	as provided herein, all terms and	conditions of t	he document referenced in Iter	n 9A or 10A, a	s he	retofore changed, remains unch	anged and	in full for	ce and effe	ct.
5A. N.	AME AND TITLE OF SIGNER (T	ype or print)		ί Λ		D TITLE OF CONTRACTING OF	FICER (T	ype or pri	nt)	
				Richa	ard	J. Siebels				
58. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITE	6X	TATES OF AMERICA	T	16C. DA1		<u>,</u>
				d d	VI.	AN NA VAV.	[			
	(Signature of person authorized	to sign)		BY	Sian	ature of Contracting Officer)		DEC	061	99
	40-01-152-8070		30-	105		STANDAR		30 (Rev	. 10-83)	
REVIC	OUS EDITION UNUSABLE					Prescribed FAR (48 CF				
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# Contract Summary

	Mod.	96	Total
Contract Summary			
Cost	\$	0	\$10,272,000
Fee		0	600,000
Total CPFF		0	\$10,872,000
Funding Summary			
Cost	\$	0	<b>\$</b> 9,980,769
Fæ		0	490,166
Total CPFF	S	0	\$10,470,935

Task	PR/JO/Amount	Cost/Fee Split
52	DIH.1246;R20882; \$4,665	\$4,480/\$185
	Transfer \$25,235 to Task 53	
53	DIH.1246;R20882; \$25,235	<b>\$</b> 23,915/ <b>\$</b> 1,320

ME	NDMENT OF SOLICITATION			T I	1. CONTRACT ID CODE	1	PAGE OI 1	
	ENDMENT/MODIFICATION NO.	2 EFECTIVE DATE			ON/PURCHASE REQ. NO.	5. PROJE	CT NO.	(If applica
	97	3. EDECTIVE DATE 1996	S	See	Block 12 below			
ISSU	UED BY CODE		7. ADMIN	ISTE	RED BY (If other than Item 6)	CODE		
Lá	ational Aeronautics and Spac angley Research Center	e Administration						
Н	ampton, VA 23681-0001							
NAN	ME AND ADDRESS OF CONTRACTOR (A	No., street, county, State, and Zip Co	xde)	(x)	9A. AMENDMENT OF SOLICI	ITATION NO	•	
	esearch Triangle Institute ttn: Scott Merrell							
	.O. Box Box 12194				9B. DATED (SEE ITEM 11)			
R	esearch Triangle Park, NC 2	27709-2194						
	-				10A. MODIFICATION OF COI	NTRACT/OR	DER NO	).
				x	NAS1-18925			
					6/21/89			
					10B. DATED (SEE ITEM 13)			
ODE								
	11. THIS IT	EM ONLY APPLIES TO	AMENDA	IEN	ITS OF SOLICITATIO	NS		
	The above numbered solicitation is amend				<u> </u>	xtended.		t extended
rtue c	E PLACE DESIGNATED FOR THE RECE of this amendment you desire to change an	offer already submitted, such change	IOUR AND DA ge may be ma	ATE : ade b	y telegram or letter, provided eac	EJECTION O	F YOUR	OFFER.
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(b) An additional amount of \$495,598 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

**Contract Summary** 

	Mod. 97	Total
Contract Summary		
Cost	<b>\$</b> 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 82,568	\$10,063,337
Fee	5,432	495,598
Total CPFF	\$ 88,000	\$10,558,935

 Task
 PR/JO/Amount
 Cost/Fee Split

 56
 DCO.1096;R20895;\$88,000 (Partial)
 \$82,568/\$5,432

			OMB	Approval #: 2700-0042	
AMENDMENT OF SOLICITATION			ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIN	E DATE	4. REQUISIT	I ION/PURCHASE REQ. NO.	5. PROJECT NO. (Il applicable
98 6. ISSUED BY CODE	UEU 1	9 1996	the second se	Block 12 below ERED BY (If other than Item 6)	
	L			ERED BT (II Other than item 6)	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administra	ation			
8. NAME AND ADDRESS OF CONTRACTOR (No	, street, county	, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	TATION NO.
Research Triangle Institute		· · ·		1	
Attn: Scott Merrell					
P.O. Box Box 12194				9B. DATED (SEE ITEM 11)	
Research Triangle Park, NC 27	//09-2194			10A. MODIFICATION OF CO	
		-	x	NAS1-18925	TRACHORDER NO.
			^	6/21/89	
				10B. DATED (SEE ITEM 13)	······································
	ILITY CODE				
11. THIS ITE	M ONLY A	PPLIES TO	AMENDME	NTS OF SOLICITATIO	NS
The above numbercal solicitation is amended			•		xtended, is not extended.
Offers must acknowledge receipt of this amendment	nt prior to the ho	our and date specifi	ied in the solicitat	ion or as amended, by one of the	following methods:
<ul> <li>(a) By completing items 8 and 15, and returning</li> <li>(b) By separate letter or telegram which includes a AT THE PLACE DESIGNATED FOR THE RECEIP virtue of this amendment you desire to change an orreference to the solicitation and this amendment, a</li> <li>12. ACCOUNTING AND APPROPRIATION DATA</li> </ul>	reference to the T OF OFFERS iffer already sub nd is received p	solicitation and an PRIOR TO THE Her mitted, such chang	nendment numbe OUR AND DATE je may be made t	rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac	JECTION OF YOUR OFFER. If
See next page.				0.00.000	
				S OF CONTRACTS/OF DESCRIBED IN ITEM	
(x) A. THIS CHANGE ORDER IS ISSUED P					
NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I					changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED I	NTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification of	and authority)				
E. IMPORTANT: Contractor x is not, is req	uired to sign th	nis document and	i return	copies to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized	d by UCF section h	eadings, includin	g solicitation/contract subject ma	
The purpose of this modification					
clause (\$32,543 for cost and \$1				ract Funding, Paragrap	hs A and B are deleted
in their entirety and the following "A. H-2. CONTRACT FUNDING		ited in lied (n	ereor		
(a) For purposes of payment of		sive of fee, in	accordance	e with the Limitation of	Funds clause, the total
amount allotted by the Governm					
Contract award through October	31, 1997.				
(CONTINUED)	of the designed		- 00 100 1		
Except as provided herein, all terms and conditions 15A. NAME AND TITLE OF SIGNER (Type or prin		nt referenced in ite		ND TITLE OF CONTRACTING C	
			· ·	d J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. [	DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		<u> </u>	(Si	gnature of Contracting Officer)	DEC 1 9 199
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30	-105		RD FORM 30 (Rev. 10-83)
				Prescribe FAR (48 0	d by GSA CFR) 53.243

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(b) An additional amount of \$496,845 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

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**Contract Summary** 

0	Mod. 98	Total	
Contract Summary			
Cost	<b>\$</b> 0	\$10,272,000	
Fee	0	600,000	
Total CPFF	0 -	\$10,872,000	
Funding Summary			
Cost	\$ 32,543	\$10,095,880	
Fee	1,247	496,845	
Total CPFF	\$ 33,790	\$10,592,725	

Τ	ask
7	

PR/JO/Amount DIH.1326;R20895;\$2,026 (Complete) R22027;\$4,785 R22264;\$1,292 R21955;\$11,126 H15275;\$14,561

				1. CONTRACT				DAGER
MENDMENT OF SOLICITA	TION/MO	DIFICATION OF	CONTRACT	1		2.24 A 388		
. AMENDMENT/MODIFICATION NO.		EFFECTIVE DATE	the second s	I ION/PURCHASE R	EQ. NO.	5. PROJEC	T NO. (	If applicable)
99	<u> </u>	N 0 2 1007		Block 12 bel				,
ISSUED BY	CODE	111 0 0 1331	7. ADMINIST	ERED BY (If other I	than Item 6)	CODE		
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001	-	ninistration						
NAME AND ADDRESS OF CONTRACT	OR (No., stre	et county State and Zin (	Code) (x)	9A. AMENDMEN				
Research Triangle Institute Attn: Scott Merrell								
P.O. Box Box 12194 Research Triangle Park, N	NC 27709	-2194		98. DATED (SE	E ITEM 11)			
			<u>⊢</u> ––	10A. MODIFICA	TION OF CO	NTRACT/ORD	ER NO.	
			×	NAS1-18	8925			
				6/21/89				
			1	10B. DATED (S	EE ITEM 13)	· · · · · · · · · · · · · · · · · · ·		
ODE	FACILITY	CODE		· ·	-			
11. TH	IS ITEM C	NLY APPLIES TO	AMENDME	NTS OF SOL	ICITATIO	NS		
a) By completing Items 8 and 15, and returned by separate letter or telegram which inc T THE PLACE DESIGNATED FOR THE F true of this amendment you desire to char	RECEIPT OF	OFFERS PRIOR TO THE	amendment numbe HOUR AND DATE	SPECIFIED MAY R	OUR ACKNO	WLEDGEMEN		
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(b) An additional amount of \$499,660 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

Contract Summary

	Mod. 99	Total
Contract Summary		
Cost	<b>\$</b> 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	<b>\$ 57,685</b>	\$10,153,565
Fee	2,815	499,660
Total CPFF	\$ 60,500	\$10,653,225

		OMB /	Approval #: 2700-0042					
AMENDMENT OF SOLICITATIO				ACT	1. CONTRACT ID CODE		1	OF PAG
2. AMENDMENT/MODIFICATION NO. 100	3. 6	JAN 27 1997	0			5. PR	OJECT NO	. (If appl
6. ISSUED BY COL	DE	······································	7. ADMINISTERED BY (If other than Item 6)			COL	DE	
National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001	ice Adn	ninistration						
8. NAME AND ADDRESS OF CONTRACTOR	(No., stree	et, county, State, and Zip C	ode)	(x)	9A. AMENDMENT OF SOLIC	TATION	NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194					9B. DATED (SEE ITEM 11)			
Research Triangle Park, NC 2	27709-2	2194		x	10A. MODIFICATION OF CO NAS1-18925	NTRACT	ORDER N	0.
					10B. DATED (SEE ITEM 13)			
CODE F	ACILITY	CODE		1	6/21/89			
11. THIS I	TEM O	NLY APPLIES TO	AMEN	OME	NTS OF SOLICITATIO	NS		
IT MODIFIE (x) A. THIS CHANGE ORDER IS ISSUED NO. IN ITEM 10A.	APPLI S THE	ES ONLY TO MOI CONTRACT/ORI INT TO: (Specify authority	DIFICAT	ION: ANGES		14. MADE IN	THE CONT	
X B. THE ABOVE NUMBERED CONTR. appropriation date, etc.) SET FORTH I C. THIS SUPPLEMENTAL AGREEME	IN ITEM 14	4, PURSUANT TO THE AL	JTHORITY	OF FA	R 43.103(b).	changes	in paying c	xffice,
					ог. 			
D. OTHER (Specify type of modification	on and aut	thority)						
E. IMPORTANT: Contractor X is not, 14. DESCRIPTION OF AMENDMENT/MODIFIC	is requir	ed to sign this documen	t and retur	n Including	copies to the issuing office.	ter when	a feasible.)	
The purpose of this modificatio \$77,134.10. Consequently, th	on is to	increase the increi	nental fi	undin	ig for cost under task a	ssignn	nent 50	by _
		(Continued on )	page 2)					
Except as provided herein, all terms and condition	ons of the	document referenced in Ite	m 9A or 10.	A,ash	eretofore changed, remains unch	nanced a	nd in full for	rce and e
15A. NAME AND TITLE OF SIGNER (Type or p			16A. NA	ME AN	D TITLE OF CONTRACTING O T. Baxter	FFICER	(Type or pri	nt)
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		ITED S	STATES OF AMERICA		16C. DA	TE SIGN
(Signature of person authorized to sign)			BY 🖳	(IN) (Sia	nature of Contracting Officer)		1-27	.97
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	1	30	-105		STANDA		IM 30 (Re	v. 10-8
					Prescribed FAR (48 C		43	

A. Paragraphs A. and B. of H.2, Contract Funding, are amended to read as follows:

"(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 \$10,230,699, and covers the period of performance: Contract award through December 8, 1997.

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(b) An additional amount of \$499,660 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

******	FUNDING SUMMARY				
	Amount through <u>Mod. No. 99</u>	<u>Mod. No. 100</u>	Amount through Mod. No. 100		
	From:	<u>By:</u>	<u>To:</u>		
Cost F <del>ee</del> Total CPFF	\$10,153,565 <u>499,660</u> \$10,653,225	\$77,134.10 0.00 \$77,134.10	\$10,230,699 <u>499,660</u> \$10,730,359		

### CONTRACT SUMMARY

	Amount through <u>Mod. No. 99</u>	<u>Mod. No. 100</u>	Amount through <u>Mod. No. 100</u>
	From:	Ву:	To:
Cost Fee TOTAL CPFF	\$10,272,000 	\$0 <u>0</u> \$0	\$10,272,000 600,000 \$10,872,000

		·	OMB	Arr. oval #: 2700-0042	
				1. CONTRACT ID CODE	PAGE OF PAG
	NDMENT OF SOLICITAT	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If ap
	101	JAN 29 1997		BAA.0971	
ISSU	UED BY C		7. ADMINIST	ERED BY (If other than Item 6)	
La	ational Aeronautics and Sp angley Research Center ampton, VA 23681-0001	pace Administration			
3. NAN	ME AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip C	(x) (eboc	9A. AMENDMENT OF SOLI	CITATION NO.
A	esearch Triangle Institute ttn: Scott Merrell . O. Box 12194			9B. DATED (SEE ITEM 11)	
R	esearch Triangle Park, NC	27709-2194	x	10A. MODIFICATION OF CON	ONTRACT/ORDER NO.
				10B. DATED (SEE ITEM 13)	)
CODE		FACILITY CODE		6/21/89	
	11. THIS	ITEM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	ONS
irtue o eferen 2. AC	IT MODIF A. THIS CHANGE ORDER IS ISSU NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORT	e an offer already submitted, such chai ent, and is received prior to the openin DATA ( <i>If required</i> )	nge may be made g hour and date sp DIFICATION DER NO. AS y) THE CHANGE FLECT THE ADMII UTHORITY OF FA	by telegram or letter, provided e secified. S OF CONTRACTS/C DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE SET FORTH IN ITEM 14 ARE VISTRATIVE CHANGES (such a VISTRATIVE CHANGES (such a	ach telegram or letter make DRDERS, / 14. MADE IN THE CONTRAC
	D. OTHER (Specify type of modific	ation and authority)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	PORTANT: Contractor X is not, SCRIPTION OF AMENDMENT/MODI			copies to the issuing office.	
Th (\$2	ne purpose of this modifica 24,144 for cost and \$805 fo chedule.	tion is to increase the incre	mental fundi following cha	ng for task assignmen	t 48 by \$24,949,
	as provided herein, all terms and cond IAME AND TITLE OF SIGNER (Type of		16A. NAME A Darlen	heretofore changed, remains un ND TITLE OF CONTRACTING e T. Baxter cting Officer	
158. C	CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE S
	(Signature of person authorized to sig	(np	BY $\frac{\mathcal{N}\mathcal{U}}{(Si}$	gnature of Contracting Officer)	
	540-01-152-8070		0-105	STAND	ARD FORM 30 (Rev. 10
PREVIO	OUS EDITION UNUSABLE				ed by GSA CFR) 53.243

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A. Paragraphs A. and B. of H.2, Contract Funding, are amended to read as follows:

"(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 \$10,254,843 and covers the following period of performance: Contract award through November 21, 1997.

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(b) An additional amount of \$500,465 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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	FUNDING SUMMARY					
	Amount through <u>Mod. No. 100</u>	<u>Mod. No. 101</u>	Amount through Mod. No. 101			
	From:	<u>By:</u>	<u>To:</u>			
Cost Fee Total CPFF	\$10,230,699 <u>499,660</u> \$10,730,359	\$24,144 <u>805</u> \$24,949	\$10,254,843 <u>500,465</u> \$10,755,308			
	CONTRAC	T SUMMARY				
	Amount through Mod. No. 100	<u>Mod. No. 101</u>	Amount through <u>Mod. No. 101</u>			
	From:	By:	То:			
Cost Fee TOTAL CPFF	\$10,272,000 	\$0 <u>0</u> \$0	\$10,272,000 <u>600,000</u> \$10,872,000			

					0	MR A	pproval #: 2700-0042		
					·		1. CONTRACT ID CODE		PAGE OF P
		OF SOLICITA		DIFICATION OF			DN/PURCHASE REQ. NO.	5 000	J DJECT NO. (IT
<b>4</b> . <b>/</b> 4 <b>/</b>		102	J.	FEB 1 3 1997	4. REQU	UISITIC	DIH.1245	<b>J.</b> PR	
6. ISS	UED BY		CODE		7. ADMI	NISTE	RED BY (If other than Item 6)	COD	E
L	angley R	eronautics and s esearch Center VA 23681-000		ministration					
8. NA	ME AND ADD	RESS OF CONTRACT	TOR (No., stre	et, county, State, and Zip	Code)	(X)	9A. AMENDMENT OF SOLK	CITATION	NO.
-	)	Trianala Institut	_						
	ttn: Scott	Triangle Institute	e			ł	9B. DATED (SEE ITEM 11)		
	. O. Box								
		Triangle Park, N	IC 27709-	2194	F		10A. MODIFICATION OF CO	ONTRACT/	ORDER NO.
•		·····				x	NAS1-18925		
						ſ	10B. DATED (SEE ITEM 13)	)	
CODE			FACILITY				6/21/89		
		<u>11. TH</u>	IS ITEM C	ONLY APPLIES TO	AMEND	MEN	TS OF SOLICITATIO	ONS	
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NAS1-18925 Modification No. 102 Page 2 of 2

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A. Paragraphs A. and B. of H.2, Contract Funding, are amended to read as follows:

"(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 \$10,272,000, and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$504,339 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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# FUNDING SUMMARY

	Amount through Mod. No. 101	<u>Mod. No. 102</u>	Amount through <u>Mod. No. 102</u>
Cost	\$10,254,843	\$17,157	\$10,272,000
Fee	500,465	3,874	504,339
TOTAL CPFF	\$10,755,308	\$21,031	\$10,776,339

# CONTRACT SUMMARY

Cost	\$10,272,000	<b>\$</b> 0	\$10,272,000
Fee	600,000	Q	600,000
TOTAL CPFF	\$10,872,000	<b>\$</b> 0	\$10,872,000

		ОМ	B Ap	proval #: 20042		
AMENDMENT OF SOLICITATIO			.	1. CONTRACT ID CODE	PAG 1	E OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE			ON/PURCHASE REQ. NO.		NO. (If applicable)
6. ISSUED BY CC	See Blk. 16C	7 404/14	ICT	DIh.1245 RED BY (If other than Item 6)	CODE	
			1315	RED BY (Ir other than item b)		
National Aeronautics and Spa	ace Administration					
Langley Research Center						
Hampton, VA 23681-0001						
8. NAME AND ADDRESS OF CONTRACTOR	R (No., street, county, State, and Zin C	de) (	(x)	9A. AMENDMENT OF SOLIC		<del>-</del>
		ц, Ц	2			
Research Triangle Institute			l			
Attn: Scott Merrell				9B. DATED (SEE ITEM 11)		
P. O. Box 12194	27700 0104			10A. MODIFICATION OF CON		NO
Research Triangle Park, NC	27709-2194		x	NAS1-18925	ITACI/ONDER	NO.
			^	NA01-10325		
				10B. DATED (SEE ITEM 13)		<u></u> _
	FACILITY CODE			6/21/89		
	ITEM ONLY APPLIES TO					
The above numbered solicitation is amer Offers must acknowledge receipt of this amend		•				not extended.
•					Ū	
<ul> <li>(a) By completing Items 8 and 15, and returning By separate letter or telegram which includes a</li> </ul>						
THE PLACE DESIGNATED FOR THE RECEIN virtue of this amendment you desire to change	PT OF OFFERS PRIOR TO THE HOU	R AND DATE	SPE	CIFIED MAY RESULT IN REJEC	CTION OF YOUR	OFFER. If by
to the solicitation and this amendment, and is n	eceived prior to the opening hour and			telegram of letter, provided each	in telegram on lette	
12. ACCOUNTING AND APPROPRIATION D DIH.1245;R21955;548-10-41		sk 53)				
	MAPPLIES ONLY TO MOI		NS	OF CONTRACTS/OR	DERS,	
	IES THE CONTRACT/ORI					
(x) A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 10A.	ED PURSUANT TO: (Specify authority	/) THE CHANG	GES	SET FORTH IN ITEM 14 ARE N	ADE IN THE CO	NTRACT ORDER
B. THE ABOVE NUMBERED CONT	RACT/ORDER IS MODIFIED TO REP			STRATIVE CHANGES (such as	s changes in payir	ng office,
	IN ITEM 14, PURSUANT TO THE AL		_			
	ND FIXED FEE (NASA 18-					
D. OTHER (Specify type of modificat	tion and authority)					
E. IMPORTANT: Contractor is not,	X is required to sign this docume	ont and return		3 copies to the issuing	office	
14. DESCRIPTION OF AMENDMENT/MODIF	ICATION (Organized by UCF section	headings, inclu	ding	solicitation/contract subject matt	er where feasible	.)
The purposes of this modifica						
growth and increase the incre following changes are hereby				by \$53,435 for cost. Co	onsequently	, the
tonowing changes are hereby	being made to the Contra	ct Schedul	e.			
	<u>.</u>					
(Contin	ued on page 2)					
Except as provided herein, all terms and condi	tions of the document referenced in Ite	m 9A or 10A, a	as he	retofore changed, remains unch	anged and in full	force and effect.
15A. NAME AND TITLE OF SIGNER (Type of	r print)			D TITLE OF CONTRACTING O	FFICER (Type or	print)
Dave Obringer			11	T. Baxter ting Officer		
Sr. Contract Negotiator	15C. DATE SIGNED				/ 16C.	DATE SIGNED
Challer -				In that	T.	1 1
(Signature of person authorized to sign	n) 02/24/97	BY	(Sig	nature of Contracting Officer	and 2	125/91
NSN 7540-01-152-8070		0-105		STANDA	RD FORM 30	(Rev. 10-83)
PREVIOUS EDITION UNUSABLE				Prescribed FAR (48 C	1 by GSA 2FR) 53.243	

A. Paragraph B.4--ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74)(DEC 1988), revise to read as follows:

"The estimated cost of this contract is \$12,833,904 exclusive of the fixed fee of \$600,000. The total of estimated cost and fixed fee is \$13,433,904."

B. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,325,435 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$504,339 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# FUNDING SUMMARY

	Amount through Mod. No. 102	Mod. No. 103	Amount through Mod. No. 103
Cost	\$10,272,000	\$53,435	\$10,325,435
Fee TOTAL CPFF	504,339 \$10,776,339	0 \$53,435	504,339 \$10,829,774

# CONTRACT SUMMARY

Cost	\$10,272,000	\$2,561,904	\$12,833,904
Fee	600,000	0	600,000
TOTALCPFF	\$10,872,000	\$2,561,904	\$13,433,904

	·		OMB	Approval #: 21	
AME	NDMENT OF SOLICITATION/N			1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		I TION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	104	See Blk. 16C		DIH.1245	<u> </u>
6. ISSU	JED BY CODE		7. ADMINIS	TERED BY (If other than Item 6)	CODE
La	ational Aeronautics and Space A angley Research Center ampton, VA 23681-0001	Administration			
8. NAV	E AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
R	esearch Triangle Institute				
	tn: Scott Merrell			9B. DATED (SEE ITEM 11)	· · · · · · · · · · · · · · · · · · ·
	O. Box 12194				
Re	esearch Triangle Park, NC 2770	9-2194		10A. MODIFICATION OF CO	NTRACT/ORDER NO.
	_		X	NAS1-18925	
				10B. DATED (SEE ITEM 13)	
CODE	FACIL	ITY CODE		6/21/89	
				NTS OF SOLICITATIC	NS
	he above numbered solicitation is amended a				extended, is not extended.
	nust acknowledge receipt of this amendment		•	• • • • • • • • • • • • • • • • • • • •	· • • • • • • • • • • • • • • • • • • •
(c) By s AT THE virtue of reference	completing Items 8 and 15, and returning eparate letter or telegram which includes a re PLACE DESIGNATED FOR THE RECEIPT If this amendment you desire to change an offe ce to the solicitation and this amendment, and	Terence to the solicitation and an OF OFFERS PRIOR TO THE HO er already submitted, such chang I is received prior to the opening	endment numb DUR AND DATI e may be made	ers. FAILURE OF YOUR ACKNO E SPECIFIED MAY RESULT IN R by telegram or letter, provided ea	EJECTION OF YOUR OFFER. If by
	COUNTING AND APPROPRIATION DATA (#  H.1245;R21955;548-10-41-01;\$		53)		
				S OF CONTRACTS/O	RDERS.
				DESCRIBED IN ITEM	
(X)	A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.	RSUANT TO: (Specify authority)	THE CHANGE	ES SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT ORDER
Х	B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN ITE				s changes in paying office,
	C. THIS SUPPLEMENTAL AGREEMENT IS	S ENTERED INTO PURSUANT	TO AUTHORIT	Y OF:	
	D. OTHER (Specify type of modification and	d authority)			
				· · · · · · · · · · · · · · · · · · ·	
	PORTANT: Contractor Sis not, I is re			copies to the issuing office.	Itter where (easible )
T	ne purpose of this modification is r cost. Consequently, the follow	s to increase the increr	nental fund	ling for task assignmen	t 53 by \$200
		(Continued on page 2)	)		
-	as provided herein, all terms and conditions o	f the document referenced in Iter		· · · · · · · · · · · · · · · · · · ·	
15A. N	AME AND TITLE OF SIGNER (Type or print)			AND TITLE OF CONTRACTING (	DFFICER (Type or print)
			1	e T. Baxter	
15B C	ONTRACTOR/OFFEROR	15C. DATE SIGNED			16C. DATE SIGNED
			BY N	aline Day	D / /
	(Signature of person authorized to sign)			ignature of Contracting Officer)	=-12/25/67
	40-01-152-8070 DUS EDITION UNUSABLE	30-	105		ARD FORM 30 (Rev. 10-83)
FREVIC					d by GSA CFR) 53.243
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NAS1-18925 Modification No. 104 Page 2 of 2

### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,325,635 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$504,339 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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# EUNDING SUMMARY

	Amount through Mod. No. 103	Mod. No. 104	Amount through <u>Mod. No. 104</u>
Cost Fee TOTAL CPFF	\$10,325,435 <u>504,339</u> \$10,829,774	\$200 0 \$200	\$10,325,635 <u>504,339</u> \$10,829,974
		ITRACT SUMMARY	
	Amount through — Mod. No. 103	Mod. No. 104	Amount through Mod. No. 104
Cost Fee TOTALCPFF	\$12,833,904 <u>600,000</u> \$13,433,904	\$0 _ <u>0</u> \$0	\$12,833,904 <u>600,000</u> \$13,433,904

····		OMB A	pproval #: 2706 . 42	
			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 105	3. EFFECTIVE DATE See Block 16C	4. REQUISITI	ON/PURCHASE REQ. NO. BAA.0969	5. PROJECT NO. (If applicable)
6. ISSUED BY CO		7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001	ace Administration			
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194	27700 2104		98. DATED (SEE ITEM 11) 104. MODIFICATION OF CO	NTRACT/ORDER NO.
Research Triangle Park, NC 2	27709-2194	x	NAS1-18925	
			10B. DATED (SEE ITEM 13)	
	FACILITY CODE		6/21/89	
11. THIS	ITEM ONLY APPLIES TO	AMENDMEN	NTS OF SOLICITATIO	NS
IT MODIFI (x) A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTE appropriation date, etc.) SET FORTH	s a reference to the solicitation and an EIPT OF OFFERS PRIOR TO THE H an offer already submitted, such chang nt, and is received prior to the opening ATA (If required) 100;\$120,000;(Complete); APPLIES ONLY TO MOD ES THE CONTRACT/ORD D PURSUANT TO: (Specify authority) RACT/ORDER IS MODIFIED TO REFL IN ITEM 14, PURSUANT TO THE AU ENT IS ENTERED INTO PURSUANT ton and authority) ] is required to sign this document CATION (Organized by UCF section h ion is to increase the increi	nendment numbe OUR AND DATE be may be made b hour and date spin R22024;5222 DIFICATIONS ER NO. AS THE CHANGES ECT THE ADMIN THORITY OF FA TO AUTHORITY and return eadings, including mental fundi	rs. FAILURE OF YOUR ACKNC SPECIFIED MAY RESULT IN R by telegram or letter, provided ea actified. 24110200;\$95,000;(Pa S OF CONTRACTS/O DESCRIBED IN ITEM ISTRATIVE CHANGES (such as R 43.103(b). OF: ppies to the issuing office. g solicitation/contract subject me ng for task assignment	EJECTION OF YOUR OFFER. If by ch telegram or letter makes initial)(Task 58) RDERS, 14. WADE IN THE CONTRACT ORDER s changes in paying office, itter where feasible.) t 58 by \$215,000
Except as provided herein, all terms and condit 15A. NAME AND TITLE OF SKONER (Type or		m 9A or 10A, as h	eretofore changed, remains unc	
			T. Baxter	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign	15C. DATE SIGNED	16B. UNITED	cting Officer STATES OF AMERICA Manual America Instruction of Contracting Officer	16C. DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105	Prescribe FAR (48 0	ARD FORM 30 (Rev. 10-83) d by GSA CFR) 53.243
		FILE	COPY	

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NAS1-18925 Modification No. 105 Page 2 of 2

### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,534,395 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$510,579 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

	FU	NDING SUMMARY	
	Amount through Mod. No. 104	Mod. No. 105	Amount through Mod. No. 105
Cost Fee TOTAL CPFF	\$10,325,635 <u>504,339</u> \$10,829,974	\$208,760 <u>6,240</u> \$215,000	\$10,534,395 <u>510,579</u> \$11,044,974
	<u></u>	NTRACT SUMMARY	
	Amount through Mod. No. 104	Mod. No. 105	Amount through Mod. No. 105
Cost Fee TOTALCPFF	\$12,833,904 <u>600,000</u> \$13,433,904	\$0 _0 \$0	\$12,833,904 <u>600,000</u> \$13,433,904

AME			0000	Approval #: 2700-0042	
	ENDMENT OF SOLICITATION	MODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAG
	ENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		TION/PURCHASE REQ. NO.	5. PROJECT NO. (If app
	106	See Block 16C		DIH.1245	
6. ISS	CODE CODE		7. ADMINIS	TERED BY (If other than item 6)	
N	Intional Approximation and Const	• • • • • • • • • • • • • •			
	lational Aeronautics and Space angley Research Center	Administration			
	lampton, VA 23681-0001				
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8. NA	ME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip C	iode) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
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	Research Triangle Institute				·····
	uttn: Scott Merrell P. O. Box 12194			9B. DATED (SEE ITEM 11)	
	Research Triangle Park, NC 273	700-2104		10A. MODIFICATION OF CO	
	cesearch mangle Fark, NO 27	103-2134	x		Annois Mondelin No.
			^	1001-10920	
				10B. DATED (SEE ITEM 13)	
CODE	FAC	CILITY CODE		6/21/89	
	11. THIS ITE	EM ONLY APPLIES TO	AMENDME		DNS
	The above numbered solicitation is amended				extended. is not exten
Offers	must acknowledge receipt of this amendme	nt prior to the hour and date speci	fied in the solicita	tion or as amended, by one of the	
					-
(a) by (c) By:	completing Items 8 and 15, and returning separate letter or telegram which includes a	copies of the amendment; (b) reference to the solicitation and a	) By acknowledgii	ng receipt of this amendment on e	each copy of the offer submitt
AT TH	E PLACE DESIGNATED FOR THE RECEIP	T OF OFFERS PRIOR TO THE	HOUR AND DATI	SPECIFIED MAY RESULT IN R	FUECTION OF YOUR OFFE
virtue d	of this amendment you desire to change an o	offer already submitted, such char	ige may be made	by telegram or letter, provided ea	ich telegram or letter makes
12 AC	nce to the solicitation and this amendment, a CCOUNTING AND APPROPRIATION DATA	and is received prior to the opening	hour and date s	pecified.	
	UH.1245;\$21955;548-10-41-01;	((Trequired) :(Complete)(Tack 53)			
		PPLIES ONLY TO MOI			
	JOIN REAL IT MODIFIES	THE CONTRACT/OR			NDENS,
		THE CONTRACTOR		DECONIDED IN TIEM	I I <b>T</b> .
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(X)	NO. IN ITEM 10A.	URSUANT TO: (Specify authority	/) THE CHANGE	S SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT (
	NO. IN ITEM 10A.	URSUANT TO: (Specify authorit)	/) THE CHANGE	S SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT (
(x) X	B. THE ABOVE NUMBERED CONTRAC	URSUANT TO: (Specify authority	) THE CHANGE	S SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT (
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	URSUANT TO: <i>(Specify euthority)</i> T/ORDER IS MODIFIED TO REF ITEM 14, PURSUANT TO THE AU	) THE CHANGE	S SET FORTH IN ITEM 14 ARE I NISTRATIVE CHANGES <i>(such a</i> : AR 43.103(b).	MADE IN THE CONTRACT (
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NAS1-18925 Modification No. 106 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,557,055 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$510,579 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

	EL	INDING SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 105	Mod. No. 106	Mod. No. 106
Cost	\$10,534,395	\$22,660	\$10,557,055
Fee	<u>510,579</u>	0	<u>510,579</u>
TOTAL CPFF	\$11,044,974	\$22,660	\$11,067,634
		DNTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 105	Mod. No. 106	Mod. No. 106
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

		OMB	Approval #: 2700-0042			
			1. CONTRACT ID CODE	P		FPAGES
AMENDMENT OF SOLICITATION 2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.			2 (If applicable)
107	See Block 16C		DIH.1363			( pp.:
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					
. NAME AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip C	ode) (x)	9A. AMENDMENT OF SOLIC	TATION NO.		·····
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194			9B. DATED (SEE ITEM 11)			
Research Triangle Park, NC 27709-2194			10A. MODIFICATION OF CO NAS1-18925	NTRACT/ORI	DER NO	).
			10B. DATED (SEE ITEM 13) 6/21/89			
	EM ONLY APPLIES TO	AMENDME		NS		
The above numbered solicitation is amende Offers must acknowledge receipt of this amendme				stended,		t extended.
	and is received prior to the opening A (If required)	hour and date sp	S OF CONTRACTS/O	RDERS,		
(x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A.	PURSUANT TO: (Specify authority	) THE CHANGE	S SET FORTH IN ITEM 14 ARE I	WADE IN THE	CONTR	ACT ORDER
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMEN	ITEM 14, PURSUANT TO THE AU		R 43.103(b).	s changes in p	aying of	Псө,
D. OTHER (Specify type of modification	and authority)					
E. IMPORTANT: Contractor 🛛 is not, 🗌 is	s required to sign this document	and returnc	opies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICA The purpose of this modification for cost and \$3,240 for fee). Co Schedule:	n is to increase the incre	mental fund	ing for task assignment	t 53 by \$80	0,340	(\$77,100
	(Continued on page 2	2)				
		- 04 - 101 -				
		16A. NAME AL Darlepi	ND TITLE OF CONTRACTING C			
15A. NAME AND TITLE OF SIGNER (Type or pri 15B. CONTRACTOR/OFFEROR		16A. NAME AL Darlend Contra 16B. UNITED BY	ND TITLE OF CONTRACTING C T. Baxter Cting Officer STATES OF AMERICA MULL	OFFICER (Type	ə or prin	
Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or pri- 15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	ni) 15C. DATE SIGNED	16A. NAME AL Darlend Contra 16B. UNITED BY	ND TITLE OF CONTRACTING C T. Baxter Cting Officer STATES OF AMERICA MULL MULL Insture of Contracting Officer	RD FORM 3		

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NAS1-18925 Modification No. 107 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,634,155 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$513,819 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# FUNDING SUMMARY

	Amount through	Funded By	Amount through
	Mod. No. 106	Mod. No <u>.</u> 107	Mod. No. 107
Cost	\$10,557,055	\$77,100	\$10,634,155
Fee	<u>510,579</u>	<u>3.240</u>	<u> </u>
TOTAL CPFF	\$11,067,634	\$80,340	
	C	ONTRACT SUMMARY	

	Amount through Mod. No. 106	Funded By Mod. No. 107	Amount through Mod. No. 107
Cost	\$12,833,904	<b>\$</b> 0	\$12,833,904
Fee	600.000	Q	600.000
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

*******			pproval #: 2700-0042		
AMENDMENT OF SOLICITATION/M	ODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE O	F PAGES
2. AMENDMENT/MODIFICATION NO. 108	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO	
6. ISSUED BY CODE	See Block 16C	7. ADMINIST	N/A ERED BY (If other than Item 6)		
L		-			
National Aeronautics and Space A	Administration				
Langley Research Center Hampton, VA 23681-0001					
hampton, VA 23081-0001					
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	· ·
Possarah Triangla Institute					
Research Triangle Institute Attn: J. Scott Merrell			9B. DATED (SEE ITEM 11)		
P. O. Box 12194					
Research Triangle Park, NC 2770	9-2194		10A. MODIFICATION OF CO	NTRACT/ORDER NO	).
			NAS1-18925		
			10B. DATED (SEE ITEM 13)		
CODE FACIL	ITY CODE		6/21/89		
11. THIS ITEN	ONLY APPLIES TO A	MENDMEN		NS	
The above numbered solicitation is amended a	is set forth in Item 14. The hour a	and date specifie	d for receipt of Offers is e	is n	ot extended.
Offers must acknowledge receipt of this amendment				-	
(a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a re	copies of the amendment; (b) if ference to the solicitation and am	By acknowledgin lendment numbe	g receipt of this amendment on e rs. FAILURE OF YOUR ACKNO	ach copy of the offer	submitted; or
by virtue of this amendment you desire to change an	offer already submitted, such cha	JUR AND DATE	SPECIFIED MAY RESULT IN RI		
12. ACCOUNTING AND APPROPRIATION DATA (	is received prior to the opening t	hour and date sp	ecified.		
N/A					
IT MODIFIES T	PLIES ONLY TO MODI THE CONTRACT/ORD	FICATIONS	5 OF CONTRACTS/OR	DERS,	
(x) A. THIS CHANGE ORDER IS ISSUED PU	RSUANT TO: (Specify authority)	THE CHANGES	S SET FORTH IN ITEM 14 ARE N	MADE IN THE CONT	RACT
ORDER NO. IN HEM IVA.					
B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN ITE	ORDER IS MODIFIED TO REFL	ECT THE ADMI	NISTRATIVE CHANGES (such a	s changes in paying	office,
X C. THIS SUPPLEMENTAL AGREEMENT I			• •		
52.245-5GOVERNMENT PR	OPERTY (COST-REIM	IBURSEME	NT, TIME-AND-MATER	RIAL, OR LABO	)R-
HOURS CONTRACTS) (JAN 1 D. OTHER (Specify type of modification and					
E. IMPORTANT: Contractor is not, is	required to sign this documer	nt and return	3 copies to the issuing	office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION	UN (Urganized by UCF section h	eadings, includin	g solicitation/contract subject ma	tter where feasible.)	
The purpose of this modification is to	transfer government pi	roperty from	contract NAS=19837	to the subject	contract.
Consequently, the following changes	are hereby made to the	e Contract S	Schedule:	•	
	(Continued on pa	ge 2)			
Except as provided herein, all terms and conditions o	f the document referenced in Iten	n 9A or 10A, as i	neretofore changed, remains unc	hanged and in full for	ce and effect.
15A. NAME AND TITLE OF SIGNER (Type or print) DAVE OBRINGER			ND TITLE OF CONTRACTING O	FFICER (Type or pri	nt)
SENIOR CONTRACT NEGOTIATOR		Dariene A	e T. Baxter		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DA	TE SIGNED
Mullin -	- 21 May 197	BY LA	Mutant	2	, 41
(Signature of person authorized to sign) NSN 7540-01-152-8070	, ,		nature of Contracting Officer)		
PREVIOUS EDITION UNUSABLE	30-1	CU1	Prescribed	RD FORM 30 (Re by GSA	v. 10-83)
			FAR (48 C	FŔ) 53.243	
			Pres & p		
			FILE	•	
			- · · · · · · · ·	· · · ·	

NAS1-18925 Modification No. 108 Page 2 of 2

# A. Under clause 52.245-5--<u>GOVERNMENT PROPERTY (COST-REIMBURSEMENT,</u> <u>TIME-AND-MATERIAL, OR LABOR-HOURS CONTRACTS</u> (JAN 1986), add the following items to the subject contract: (See Attached Sheet)

# FUNDING SUMMARY

	Amount through Mod. No. 107	<u>Mod. No. 108</u>	Amount through Mod. No. 108
Cost	\$10,634,155	\$0	\$10,634,155
Fee	513,819	- <u>0</u>	\$ 513,819
TOTAL CPFF	\$11,147,974	<del>\$0</del>	\$11,147,974

# CONTRACT SUMMARY

	Amount through <u>Mod. No. 107</u>	<u>Mod. No. 108</u>	Amount through Mod. No. 108
Cost	\$12,833,904	\$0	\$12,833,904
Fee	600,000	0	600,000
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

NAS1-18925 Modification No. 108 Attachment

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TAG NO	AUTH	ECN	ITEM NAME	MFG CODE	MFG NAME	MODEL	<u>s/n</u>	VALUE	INV
G079547	202836	G079547	Disk Drive	40400	Total Tech Sys	H212D	2933	3,398	11/13
1090947	202836	1090947	Computer Mini	1Z004	Silicon Graph	CMNB003	35007481	10,140	11/13
1090948	202836	1090948	Display Unit	1Z004	Silicon Graph	GDM1930SG	202333	1,560	11/13
1089635	304858	1089638-0071	90MB Dual Bernouilli	39221	Bernouilli	7025	931143004	1,600	11/13
0849454	303357	084954-0172	Computer Mini	1Z004	Silicon Graph	IRIS25D-S17	E0050126	32,340	11/13
1158438	303357	SS58438	Display Unit	S4013	Hitachi	CM2086A3SG	Y9D006464	5,000	11/13
1258240	503013	1258240	Workstation (.incl. key-board, cables,		Indigo		0800690742	27,969	11/13
1258241	503013	1258240	mouse 19° Color Monitor				206001082	1,500	11/13
SUBTOTAL			<b>•</b> •					83,507	

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SUBICIAL

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			OMB	Approval #: 2700-0042	
AMENDMEN		MODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT	MODIFICATION NO. 109	3. EFFECTIVE DATE See Block 16C	4. REQUISIT	ION/PURCHASE REQ. NO. DIH. 1374	5. PROJECT NO. (If applicable)
6. ISSUED BY	CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
Langley F	Aeronautics and Space Research Center , VA 23681-0001	Administration			
8. NAME AND AD	DRESS OF CONTRACTOR (M	o., street, county, State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
Attn: Sco P. O. Box		709-2194		98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO	NTRACT/ORDER NO.
	<b>0</b>		X	NAS1-18925	
				108. DATED (SEE ITEM 13)	
CODE				6/21/89	
	<u> </u>	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS
virtue of this amer reference to the s 12. ACCOUNTIN DIH.1374	ndment you desire to change an olicitation and this amendment, a G AND APPROPRIATION DATA 1;R22401;63210143700 13. THIS ITEM A IT MODIFIES	offer already submitted, such chang nd is received prior to the opening (if required) );\$22,600;(Complete) (T PPLIES ONLY TO MOD THE CONTRACT/ORD	e may be made to hour and date sp ask 59) DIFICATION ER NO. AS	oy telegram or letter, provided ea ecified. S OF CONTRACTS/OI DESCRIBED IN ITEM	RDERS, 14.
	CHANGE ORDER IS ISSUED P TEM 10A.	URSUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT ORDER
appropri	ation date, etc.) SET FORTH IN	T/ORDER IS MODIFIED TO REFL TEM 14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	s changes in paying office,
C. THIS	SUPPLEMENTAL AGREEMEN	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTH	ER (Specify type of modification	and authority)	<u> </u>		
E. IMPORTAN	F: Contractor 🛛 is not, 🗌 is	required to sign this document	and returnc	opies to the issuing office.	
The purp	ose of this modificatior	TON (Organized by UCF section h is to increase the increase sequently, the following (	mental fundi	ng for task assignment	59 by \$22,600 (\$22,013
		(Continued on page 2	)		
Except as provide	d herein, all terms and conditions	of the document referenced in Iter	т 9A or 10A, as h	eretofore changed, remains unc	hanged and in full force and effect.
	TITLE OF SIGNER (Type or prin		16A. NAME AI	ND TITLE OF CONTRACTING C	
				e T. Baxter cting Officer	
158. CONTRACT	OR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
			BY Day	Venest salti	N. J. J. A.A.
The second secon	of person authorized to sign)		(Skg	nature of Contracting Officer)	4-31-41
NSN 7540-01-152 PREVIOUS EDITH		30-	105	Prescribed	RD FORM 30 (Rev. 10-83) 1 by GSA 3 FR) 53.243

NAS1-18925 Modification No. 109 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,656,168 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$514,406 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

### FUNDING SUMMARY

Amount through Mod. No. 108	Funded By Mod. No. 109	Amount through Mod. No. 109
\$10,634,155	\$22,013	\$10,656,168
<u> </u>	<u>587</u> \$22,600	<u>514,406</u> \$11,170,574
	<u>Mod. No. 108</u> \$10,634,155 513.819	Mod. No. 108         Mod. No. 109           \$10,634,155         \$22,013          513,819        587

### CONTRACT SUMMARY

	Amount through Mod. No. 108	Funded By Mod. No. 109	Amount through Mod. No. 109
Cost	\$12,833,904	<b>\$</b> 0	\$12,833,904
Fee	600.000	2	600.000
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

	·	OMB A	opproval #: 2700-00+2	_				
AMENDMENT OF SOLICITATION			1. CONTRACT ID CODE	1	PAGE O	F PAGES		
2. AMENDMENT OF SOLICITATION 2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		DUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If appl					
110	See Block 16C	5	See Block 12 STERED BY (If other than Item 6) CODE					
6. ISSUED BY CODE	· L		ERED BY (If other than item 6)	CODE	L			
National Aeronautics and Space	a Administration							
Langley Research Center	e Auministration							
Hampton, VA 23681-0001								
• ·								
8. NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLI	CITATION NO	).			
Research Triangle Institute								
Attn: Scott Merrell			9B. DATED (SEE ITEM 11)					
P. O. Box 12194								
Research Triangle Park, NC 27	709-2194		10A. MODIFICATION OF C	ONTRACT/OF		D.		
<b>-</b> .		X	NAS1-18925					
COD5			10B. DATED (SEE ITEM 13	IJ.				
			6/21/89			·		
	EM ONLY APPLIES TO					·		
Contract of the second		•				extended.		
(a) By completing Items 8 and 15, and returning				•				
(c) By separate letter or telegram which includes a AT THE PLACE DESIGNATED FOR THE RECEIF virtue of this amendment you desire to change an reference to the solicitation and this amendment, i 12. ACCOUNTING AND APPROPRIATION DATA	PT OF OFFERS PRIOR TO THE H offer already submitted, such chang and is received prior to the opening	OUR AND DATE	SPECIFIED MAY RESULT IN I telegram or letter, provided e	REJECTION O	F YOUR	OFFER. If by		
DIH.1245;R21955;548-10-41-01		55;548-10-41	-01;\$50,000(Complet	te) (Task 5	53)			
	PPLIES ONLY TO MOD			•				
	S THE CONTRACT/ORD							
(x) A. THIS CHANGE ORDER IS ISSUED F NO. IN ITEM 10A.	PURSUANT TO: (Specify authority)	) THE CHANGES	SET FORTH IN ITEM 14 ARE	MADE IN THE	E CONTI	RACTORDER		
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN				as changes in ,	paying o	ffice,		
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, I is	s required to sign this document	and returnco	ppies to the issuing office.			· · · · · · · · · · · · · · · · · · ·		
14. DESCRIPTION OF AMENDMENT/MODIFICA						(\$50 EE7		
The purpose of this modification for cost and \$2,017 for fee).								
Schedule:	shocquonay, are following	y unanyes al	o nereby being made		mudul			
	(Continued on and a	N						
	(Continued on page 2	.)						
Except as provided herein, all terms and condition								
15A. NAME AND TITLE OF SIGNER (Type or print	nt)		D TITLE OF CONTRACTING	OFFICER (Ty	pe or pri	nt)		
		1 _	e T. Baxter					
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED		ting Officer	T .	16C DA			
	ISS. DATE SIGNED		SIX +	. 1		E SIGNED		
(Signature of some or the start to start		BY All	Knot Tull	$\nu_{-}$	- 1-	. 47		
(Signature of person authorized to sign) NSN 7540-01-152-8070		-105	nature of Contracting Officer)		- 1 C	( 10-83)		
PREVIOUS EDITION UNUSABLE				ed by GSA	JU (R8)	. 10-03)		
				CFR) 53.243				

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NAS1-18925 Modification No. 110 Page 2 of 2

### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,706,725 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$516,423 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

#### FUNDING SUMMARY Funded By Amount through Amount through Mod. No. 110 Mod. No. 109 Mod. No. 110 \$10,656,168 \$50,557 \$10,706,725 Cost 514,406 2.017 516.423 Fee TOTAL CPFF \$11,170,574 \$52,574 \$11,223,148 CONTRACT SUMMARY Amount through Amount through Funded By Mod. No. 110 Mod. No. 109 Mod. No. 110 \$12,833,904 \$12.833.904 Cost \$0 <u>600,000</u> \$13,433,904 <u>0</u> \$0 Fee 600,000 \$13,433,904 TOTALCPFF

						pproval #: 2700-0042			
	MENT OF SOLICITAT				CT	1. CONTRACT ID CODE		PAGE O	F PAGES
	MENT/MODIFICATION NO.		EFFECTIVE DATE			ON/PURCHASE REQ. NO.	5. PRC		(If applicable)
	111		See Block 16C			DIH.1382	<u> </u>		
6. ISSUED	BY C			7. ADN	AINISTE	ERED BY (If other than Item 6)	COD	ε	·
Lang	onal Aeronautics and Sp ley Research Center pton, VA 23681-0001	bace Adn	ninistration						
8. NAME A	ND ADDRESS OF CONTRACTO	R (No., stree	t, county, State, and Zip Co	de)	(X)	9A. AMENDMENT OF SOLIC		NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				x	98. DATED (SEE ITEM 11) 104. MODIFICATION OF CO NAS1-18925 108. DATED (SEE ITEM 13)	NTRACT/	ORDER NC	<b>)</b> .	
CODE		FACILITY	CODE			6/21/89			
	11. THIS		NLY APPLIES TO			TS OF SOLICITATIO	NS		
The a	bove numbered solicitation is am						extended.		xt extended.
(c) By separ AT THE PL/ virtue of this reference to 12. ACCOU		des a referen ECEIPT OF C e an offer air ent, and is re DATA ( <i>If requ</i> 22100;\$5 M APPLI	ce to the solicitation and an DFFERS PRIOR TO THE HC eady submitted, such chang inecities to the opening is inecities of the ope	e may be in hour and d ask 50 IFICAT	number DATE : made b late spe ) (IONS	rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE y telegram or letter, provided ea	RDERS	MENT TO NOF YOUR m or letter n	BE RECEIVED
(X) A.	THIS CHANGE ORDER IS ISSU							HE CONT	RACT ORDER
	D. IN ITEM 10A.								
	THE ABOVE NUMBERED CON propriation date, etc.) SET FORT						s changes	in paying o	Пісе,
C.	THIS SUPPLEMENTAL AGREE	MENT IS EN	TERED INTO PURSUANT		ORITY	OF:	, A		
	OTHER (Specify type of modific	ation and au	hority)		<u>.</u>			<u> </u>	
			·····,,,						
E. IMPOR	TANT: Contractor Xis not,	🗌 is requir	ed to sign this document a	and return	າc	pies to the issuing office.			
The p	RETION OF AMENDMENT/MOD Durpose of this modifica Ost and \$1,465 for fee). dule:	ation is to	increase the increm	nental f	fundi	ng for task assignment	50 by	\$54,539	
		(C	ontinued on page 2)	)					
<b>_</b> .									
	rovided herein, all terms and cond AND TITLE OF SIGNER (Type of		document referenced in Iten			eretofore changed, remains unc ID TITLE OF CONTRACTING C			
		a piniy		Da	rlepe	T. Baxter ting Officer	ALL COLOR	rype or pri	N)
158. CONT	RACTOR/OFFEROR		15C. DATE SIGNED			STATES OF AMERICA	h	16C. DAT	
	nature of person authorized to sig	gn)			(Sigi	nature of Contracting Officer)		6	1-11
NSN 7540-0 PREVIOUS I	11-152-8070 EDITION UNUSABLE		30-	105		Prescribed		M 30 (Rev 13	v. 10-83) 🦯

NAS1-18925 Modification No. 111 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,759,799 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$517,888 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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# FUNDING SUMMARY

	Amount through	Funded By	Amount through
	Mod. No. 110	Mod. No. 111	Mod. No. 111
Cost	\$10,706,725	\$53,074	\$10,759,799
Fee	<u>516,423</u>	<u>1.465</u>	<u>517,888</u>
TOTAL CPFF	\$11,223,148	\$54,539	\$11,277,687
	C	DNTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 110	Mod. No. 111	Mod_No. 111
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

			OMB	Approval #: 2700-0042	
AME	NDMENT OF SOLICITATION		ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AME	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE See Block 16C	4. REQUISIT	ION/PURCHASE REQ. NO. DIH.1388	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 angley Research Center ampton, VA 23681-0001	Administration			
8. NAN	AE AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
At P.	esearch Triangle Institute ttn: Scott Merrell . O. Box 12194 esearch Triangle Park, NC 277	09-2194	×	98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-18925 10B. DATED (SEE ITEM 13)	NTRACT/ORDER NO.
CODE	FACI			6/21/89	
	11. THIS ITE	M ONLY APPLIES TO	AMENDME	1	NS
Offers r (a) By c (c) By s	The above numbered solicitation is amended musi acknowledge receipt of this amendmen completing Items 8 and 15, and returning separate letter or telegram which includes a r E PLACE DESIGNATED FOR THE RECEIPT	t prior to the hour and date specifi copies of the amendment; (b) i eference to the solicitation and an	ed in the solicitati By acknowledging nendment numbe	ion or as amended, by one of the greceipt of this amendment on ea irs. FAILURE OF YOUR ACKNO	ach copy of the offer submitted; or WLEDGEMENT TO BE RECEIVED
virtue o	If this amendment you desire to change an of ce to the solicitation and this amendment, and	fer already submitted, such chang	e may be made b	by telegram or letter, provided eac	ch telegram or letter makes
12. AC	COUNTING AND APPROPRIATION DATA IH.1388;R22293;25870210600;	(If required)			
	13. THIS ITEM AF	PPLIES ONLY TO MOD	FICATION		•
(x)	IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU	THE CONTRACT/ORD			
~~	NO. IN ITEM 10A.				
X	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT				changes in paying office,
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	· · · · ·
	D. OTHER (Specify type of modification a	nd authority)		, <u></u>	· · · · · · · · · · · · · · · · · · ·
E. IMF	PORTANT: Contractor Sis not, Sis r	required to sign this document	and return	opies to the issuing office.	
14. DE Th	SCRIPTION OF AMENDMENT/MODIFICATION of AMENDMENT/MODIFICATION of this modification or cost and \$201 for fee). Const	ON (Organized by UCF section h is to increase the increr	eadings, includin mental fundi	g solicitation/contract subject mains for task assignment	5 <b>Q</b> by \$6,300 (\$6,099
		(Continued on page 2)	)		
Except	as provided herein, all terms and conditions	of the document referenced in Her	n 9A or 10A as h	eretofore changed, remains uncl	handed and in full force and effect
	AME AND TITLE OF SIGNER (Type or print		16A. NAME AN Dartene	ND TITLE OF CONTRACTING O T. Baxter Cting Officer	
158. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED	states of AMERICA	16C. DATE SIGNED
NSN 75	(Signature of person authorized to sign) 40-01-152-8070	30-	(Sig 105	nature of Contracting Officer)	RD FORM 30 (Rev. 10-83)
	DUS EDITION UNUSABLE			Prescribed	· · · ·
		F	IFF		n ny wuand

NAS1-18925 Modification No. 112 Page 2 of 2

### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

(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 \$10,765,898 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$518,089 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

#### FUNDING SUMMARY Amount through Funded By Amount through Mod. No. 112 Mod. No. 112 Mod. No. 111 \$10,759,799 \$6,099 \$10,765,898 Cost <u>201</u> \$6,300 517.888 518,089 Fee \$11,277,687 \$11,283,987 TOTAL CPFF CONTRACT SUMMARY Amount through Funded By Amount through Mod. No. 112 Mod. No. 111 Mod. No. 112 \$12,833,904 \$0 \$12,833,904 Cost <u>0</u> \$0 600,000 600.000 Fee TOTALCPFF \$13,433,904 \$13,433,904

		OWB A	Approval #: 2700-0042	PAGE OF PAGES	
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	ONTRACT		1 2	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISIT	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
113 6 ISSUED BY CODE	See Block 16C	7 ADMINIST	DIH.1384 ERED BY (If other than Item 6)	CODE	
6. ISSUED BY CODE	· L				
National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001	e Administration				
8. NAME AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip Coo	5e) <u>(x)</u>	9A. AMENDMENT OF SOLICI	TATION NO.	
Research Triangle Institute					
Attn: Scott Merrell			9B. DATED (SEE ITEM 11)		
P. O. Box 12194	700 0104		10A. MODIFICATION OF COM	TRACT/ORDER NO.	
Research Triangle Park, NC 27	709-2194	×	NAS1-18925		
		1	108. DATED (SEE ITEM 13)		
CODE FA	CILITY CODE		6/21/89		
	EM ONLY APPLIES TO	AMENDME		NS	
The above numbered solicitation is amend				ktended, is not extended.	
Offers must acknowledge recsist of this amendm	ent prior to the hour and date specific	ed in the solicital	tion or as amended, by one of the	following methods:	
IT MODIFIE	0;\$145,000; (Complete) ( APPLIES ONLY TO MOD S THE CONTRACT/ORD	IFICATION ER NO. AS	DESCRIBED IN ITEM	14.	
(X) A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE N	ADE IN THE CONTRACT ORDE	
NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH It	CT/ORDER IS MODIFIED TO REFL	ECT THE ADMI	NISTRATIVE CHANGES (such as AR 43.103(b).	changes in paying office,	
C. THIS SUPPLEMENTAL AGREEMEN					
D. OTHER (Specify type of modificatio	n and authority)				
	is required to sign this document	and return	copies to the issuing office. In solicitation/contract subject ma	tter where feasible.)	
E. IMPORTANT: Contractor Sis not,	ATION (Organized by UCF section in	eaoings, incluoir			
<ul> <li>E. IMPORTANT: Contractor ⊠is not, □</li> <li>14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modification \$145,000(\$139,664 for cost and the Contract Schedule:</li> </ul>	on is to increase the increr	mental fund	ling for task assignment	. <b>6</b> 0 by	
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an	on is to increase the increr	mental fund	ling for task assignment	. <b>6</b> 0 by	
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an	on is to increase the increr	mental fund quently, the	ling for task assignment	. <b>6</b> 0 by	
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an the Contract Schedule:	on is to increase the incre d \$5,336 for fee). Conse (Continued on page 2	mental fund quently, the ?)	ing for task assignment following changes are	● by hereby being made to	
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an	on is to increase the incre d \$5,336 for fee). Conse (Continued on page 2 Ins of the document referenced in the	mental fund quently, the 2) m 9A or 10A, as 16A. NAME A Dar)én	heretofore changed, remains unc ND TITLE OF CONTRACTING C IE T. Baxter	60 by hereby being made to hanged and in full force and effect	
<ul> <li>14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an the Contract Schedule:</li> <li>Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or p</li> </ul>	on is to increase the incre d \$5,336 for fee). Conse (Continued on page 2 ins of the document referenced in the rint)	mental fund quently, the m 9A or 10A, as 16A. NAME A Darlen Contija	heretofore changed, remains unc ND TITLE OF CONTRACTING C E T. Baxter acting Officer	60 by hereby being made to hanged and in full force and effect OFFICER (Type or print)	
14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an the Contract Schedule: Except as provided herein, all terms and condition	on is to increase the incre d \$5,336 for fee). Conse (Continued on page 2 Ins of the document referenced in the	mental fund quently, the m 9A or 10A, as 16A. NAME A Darten Contra 16B. Ukited By	heretofore changed, remains unc ND TITLE OF CONTRACTING C IND TITLE OF CONTRACTING C IND TITLE OF CONTRACTING C IND TITLE OF AMERICA	60 by hereby being made to hanged and in full force and effect	
<ul> <li>14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an the Contract Schedule:</li> <li>Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or post)</li> <li>15B. CONTRACTOR/OFFEROR</li> <li>(Signature of person authorized to sign)</li> </ul>	(Continued on page 2 (Continued on page 2 ns of the document referenced in the rint)	mental fund quently, the m 9A or 10A, as 16A. NAME A Darten Contra 16B. Ukited By	heretofore changed, remains unc hollowing changes are heretofore changed, remains unc ND TITLE OF CONTRACTING C ie T. Baxter acting Officer STATES OF AMERICA ignature of Contracting Officer)	being made to hereby being made to hanged and in full force and effect DFFICER (Type or print) 16C. DATE SIGNED	
<ul> <li>14. DESCRIPTION OF AMENDMENT/MODIFIC The purpose of this modificatio \$145,000(\$139,664 for cost an the Contract Schedule:</li> <li>Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or post 15B. CONTRACTOR/OFFEROR</li> </ul>	(Continued on page 2 (Continued on page 2 ns of the document referenced in the rint)	mental fund quently, the m 9A or 10A, as 16A. NAME A Darten Contra 16B. Ukited By	heretofore changed, remains unc hollowing changes are heretofore changed, remains unc wid TITLE OF CONTRACTING C he T. Baxter acting Officer ostates OF AMERICA fignature of Contracting Officer) STANDA Prescribe	60 by hereby being made to hanged and in full force and effect OFFICER (Type or print) 16C. DATE SIGNED 218-97 ARD FORM 30 (Rev. 10-83)	

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NAS1-18925 Modification No. 113 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

(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 \$10,905,562 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$523,425 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

	EU	INDING SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 112	Mod. No. 113	Mod. No. 113
Cost	\$10,765,898	\$139,664	\$10,905,562
Fee	<u>518,089</u>	<u>5,336</u>	<u>523,425</u>
TOTAL CPFF	\$11,283,987	\$145,000	\$11,428,987
	<u>cc</u>	DNTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 112	Mod. No. 113	Mod. No. 113
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

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			pproval #: 2JU-0042	Jun 1
			1. CONTRACT ID CODE	PAGE OF/PAGES
AMENDMENT OF SOLICITATION/MC		4. REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
114	See Block 16C		See page 2	· · · · · · · · · · · · · · · · · · ·
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Space Ac Langley Research Center Hampton, VA 23681-0001	Iministration			
8. NAME AND ADDRESS OF CONTRACTOR (No., st	reet, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLICIT	ATION NO.
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-18925	TRACT/ORDER NO.
			10B. DATED (SEE ITEM 13)	
CODE FACILIT			6/21/89	
11. THIS ITEM	ONLY APPLIES TO	AMENDMEN	NTS OF SOLICITATION	<u>s</u>
IT MODIFIES TH         (x)       A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.         X       B. THE ABOVE NUMBERED CONTRACT/OF appropriation date, etc.) SET FORTH IN ITEM         C. THIS SUPPLEMENTAL AGREEMENT IS E         D. OTHER (Specify type of modification and a	te to the solicitation and amend FFERS PRIOR TO THE HOUR already submitted, such change prior to the opening hour and de aquired) LIES ONLY TO MOD IE CONTRACT/ORDI UANT TO: (Specify authority) RDER IS MODIFIED TO REFLI 14, PURSUANT TO THE AUT ENTERED INTO PURSUANT TO Uthority)	IFICATIONS ER NO. AS THE CHANGES	FAILURE OF YOUR ACKNOWLEL CIFIED MAY RESULT IN REJECT y telegram or letter, provided each OF CONTRACTS/ORE DESCRIBED IN ITEM 14 SET FORTH IN ITEM 14 ARE MA ISTRATIVE CHANGES (such as c 143.103(b).	DERS, DE IN THE CONTRACT ORDER
E. IMPORTANT: Contractor is not. X is req 14. DESCRIPTION OF AMENDMENT/MODIFICATION	uired to sign this documen	t and return	<u>3 copies to the issuing office.</u>	where feasible )
The purpose of this modification is to \$28,588 for cost and \$1,412 for fee) Schedule:	o decrease the incren	nental fundir	ng for the subject contract	ct by \$30,000
(Ca	ontinued on page 2)			
Except as provided herein, all terms and conditions of the	a document referenced in Item	9A or 10A se he	retofore chanced, remains unchan	ed and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)			D TITLE OF CONTRACTING OFF	
CICIX.			T. Baxter	
A ticllun -				
15B. CONTRACTION CONTRACT NECOTIATOR	15C. DATE SIGNED	IDE. UNITED S	TATES OF AMERICA	16C. DATE SIGNED
SENIOR CONTRACT NEGOTIATOR	22 AUG 1997	BY MU	Use A TUNIC	= \$ m 6.7
(Signature of person authorized to sign) NSN 7540-01-152-8070	30-1	····	nature of Contracting Officer)	D FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE	، -ی <del>د</del>		Prescribed by FAR (48 CFR	GSA

NAS1-18925 Modification No. 114 Page 2 of 2

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#### Α. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,876,974 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$522,013 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

Cost

Fee

#### FUNDING SUMMARY Amount through Funded By Amount through Mod. No. 113 Mod. No. 114 Mod. No. 114 \$10,905,562 -\$28,588 \$10,876,974 <u>522,013</u> \$11,399,987 523,425 - 1,412 TOTAL CPFF \$11,428,987 -\$30,000 CONTRACT SUMMARY

	Amount through Mod. No. 113	Funded By Mod. No. 114	Amount through Mod. No. 114
Cost	\$12,833,904	<b>\$0</b>	\$12,833,904
Fee	600,000	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$ <del>0</del>	\$13,433,904

### ACCOUNTING AND APPROPRIATION DATA:

DIH.1284; R22264; 258-70-21-06; \$10,000 (\$9,515 for cost and \$485 for fee) (Complete); Task 54 DIH.1331; R22264; 258-70-21-06; \$20,000 (\$19,073 for cost and \$927 for fee) (Complete); Task 57

			OMB	Approval #: 2/00-0042	
AME	NDMENT OF SOLICITATION			1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLICITATION	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	115	See Block 16C		DI.1170	
6. ISSU	JED BY CODE	L <u></u>	7. ADMINIST	ERED BY (If other than Item 6)	CODE
La	ational Aeronautics and Space angley 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.
	esearch Triangle Institute			00 DATEO (055 /754 44)	
	ttn: Scott Merrell . O. Box 12194			9B. DATED (SEE ITEM 11)	
	esearch Triangle Park, NC 277	/09-2194		10A. MODIFICATION OF CON	NTRACT/ORDER NO.
			X	NAS1-18925	
				· · · · · · · · · · · · · · · · · · ·	
				108. DATED (SEE ITEM 13)	
CODE				6/21/89	
		MONLY APPLIES TO A			
	he above numbered solicitation is amended must acknowledge receipt of this amendment			· · · · · · · · · · · · · · · · · · ·	ktended, is not extended. 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 E PLACE DESIGNATED FOR THE RECEIP If this amendment you desire to change an o ce to the solicitation and this amendment, an COUNTING AND APPROPRIATION DATA 1.1170;97;R22264;2587021060	reference to the solicitation and am T OF OFFERS PRIOR TO THE HC ffer already submitted, such change nd is received prior to the opening h (If required) IO;\$10,000(Complete)(Ta	endment numbe OUR AND DATE e may be made hour and date sp ask 57)	rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac ecified.	WLEDGEMENT TO BE RECEIVED JECTION OF YOUR OFFER. If by the telegram or letter makes
		PPLIES ONLY TO MOD			•
(X)	A. THIS CHANGE ORDER IS ISSUED PI NO. IN ITEM 10A.	THE CONTRACT/ORDI JRSUANT TO: (Specify authority)			
X	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	T/ORDER IS MODIFIED TO REFLE TEM 14, PURSUANT TO THE AUT	ECT THE ADMIN	IISTRATIVE CHANGES (such as R 43.103(b).	changes in paying office,
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT T	O AUTHORITY	OF:	
	D. OTHER (Specify type of modification a	and authority)			
E IM	PORTANT: Contractor 🛛 is not, 🗌 is	required to sign this document a	and return o	onies to the issuing office	· <u> </u>
14. DE Ti (\$	SCRIPTION OF AMENDMENTMODIFICAT ne purpose of this modification 9,499 for cost and \$501 for fea chedule:	ION (Organized by UCF section he is to increase the incren	adings, includin nental fundi	g solicitation/contract subject mating for the subject contr	act by \$10,000
		(Continued on page 2)			
Event	as provided herein, all terms and conditions	of the document referenced in Har	94 or 104 or 1	eretolore channed remains and	anand and in full faces and affect
	AME AND TITLE OF SIGNER (Type or prin		16A. NAME AL Darleft	ND TITLE OF CONTRACTING OF T. Baxter Cting Officer	
158. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATE OF AMERICA	L 16C. DATE SIGNED
NSN 75	(Signature of person authorized to sign) 40-01-152-8070			nature of Contracting Officer) STANDA	RD FORM 30 (Rev. 10-83)
	OUS EDITION UNUSABLE	<b></b>	-	Prescribed FAR (48 Ci	by GSA
				FILE (	

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NAS1-18925 Modification No. 115 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

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"(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 \$10,886,473 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$522,514 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

#### FUNDING SUMMARY Amount through Funded By Amount through Mod. No. 114 Mod. No. 115 Mod. No. 115 \$10,876,974 \$ 9,499 Cost \$10,886,473 Fee 522.013 501 522,514 \$10,000 \$11,395,987 \$11,408,987 TOTAL CPFF ť CONTRACT SUMMARY Amount through Funded By Amount through Mod. No. 115 Mod. No. 114 Mod. No. 115 \$12,833,904 Cost \$0 \$12,833,904 <u>0</u> \$0 Fee 600.000 600,000 TOTALCPFF \$13,433,904 \$13,433,904

		OMB	Approval #: 2700-0042		
AMENDMENT OF SOLICITATION	MODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE O	F PAGES
2. AMENDMENT/MODIFICATION NO. 116	3. EFFECTIVE DATE See Block 16C	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	<u>.</u>
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	xde) (x)	9A. AMENDMENT OF SOLICI	TATION NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-18925 108. DATED (SEE ITEM 13)	NTRACT/ORDER NO	).
CODE	LITY CODE		6/21/89		
11. THIS ITE	M ONLY APPLIES TO	AMENDME		NS	
<ul> <li>(a) By completing items 8 and 15, and returning</li></ul>	eference to the solicitation and an COF OFFERS PRIOR TO THE Hi fer already submitted, such chang id is received prior to the opening	nendment numbe OUR AND DATE te may be made th hour and date sp NFICATION	SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac ecified. S OF CONTRACTS/OF	WLEDGEMENT TO I JECTION OF YOUR th telegram or letter n RDERS,	BE RECEIVED
(x) A. THIS CHANGE ORDER IS ISSUED PL NO. IN ITEM 10A.	RSUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE M	ADE IN THE CONTR	ACT ORDER
X B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	VORDER IS MODIFIED TO REFL TEM 14, PURSUANT TO THE AU	ECT THE ADMIN THORITY OF FA	ISTRATIVE CHANGES (such as R 43.103(b).	changes in paying of	Тісе,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:		
D. OTHER (Specify type of modification a	nd authority)				<u> </u>
E. IMPORTANT: Contractor Sis not, is i	required to sign this document	and returnc	opies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIFICAT The purpose of this modification	is to correct an error in	the FUNDIN	IG SUMMARY on Modi		nd 115.
No other changes are hereby bei	ng made to this contrac	t by issuanc	e of this modification.		
	(Continued on page 2	)			
Except as provided herein, all terms and conditions	of the document referenced in Iter	n 9A or 10A, as h	eretofore changed, remains unch	anged and in full forc	e and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AN Darlene	D TITLE OF CONTRACTING OF T. Baxter ting Officer	FFICER (Type or prin	()
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	4 16C. DAT	ESIGNED
(Signature of person authorized to sign)		(Sig	nature of Contracting Officer,	4/1	14/

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

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

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NAS1-18925 Modification No. 116 Page 2 of 2

# FUNDING SUMMARY FOR MODIFICATION 114

	Amount through	Funded By	Amount through			
	Mod, No. 113	Mod. No. 114	Mod. No. 114			
Cost	\$10,905,562	-\$28,588	\$10,876,974			
Fee	<u>523,425</u>	- <u>1,412</u>	522,013			
TOTAL CPFF	\$11,428,987	-\$30,000	\$11,398,987*			
	CONTRACT SUMMARY					
	Amount through Mod, No. 113	Funded By Mod. No. 114	Amount through Mod. No. 114			
Cost	\$12,833,904	\$0	\$12,833,904			
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>			
TOTALCPFF	\$13,433,904	\$0	\$13,433,904			
	FUNDING SUMMARY FOR	MODIFICATION 115				
	Amount through	Funded By	Amount through			
	Mod. No. 114	Mod. No. 115	Mod. No. 115			
Cost	\$10,876,974	\$ 9,499	\$10,886,473			
Fee	<u>522,013</u>	<u>501</u>	<u>522,514</u>			
TOTAL CPFF	\$11,398,987*	\$10,000	\$11,408,987			
	CONTR	ACT SUMMARY				
	Amount through	Funded By	Amount through			
	Mod. No. 114	Mod. No. 115	Mod, No. 115			
Cost	\$12,833,904	\$0	\$12,833,904			
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>			
TOTALCPFF	\$13,433,904	\$0	\$13,433,904			
	FUNDING SUMMARY FOR MODIFICATION 116					
	Amount through	Funded By	Amount through			
	Mod. No. 115	Mod. No. 116	Mod. No. 116			
Cost	\$10,886,473	\$0	\$10,886,473			
Fee	<u>522,514</u>		<u>522,514</u>			
TOTAL CPFF	\$11,408,987	\$0	\$11,408,987			
	CONTRACT SUMMARY					
	Amount through	Funded By	Amount through			
	Mod. No. 114	Mod. No. 115	Mod. No. 115			
Cost	\$12,833,904	\$0	\$12,833,904			
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>			
TOTALCPFF	\$13,433,904	\$0	\$13,433,904			

\*Corrected item

			OMB	Approval #: 2700-0042		
	MENT OF SOLICITAT	ON/MODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES	
	ENT/MODIFICATION NO.	3. EFFECTIVE DATE		• · · · · · · · · · · · · · · · · · · ·	5. PROJECT NO. (If applicable)	
5. ISSUED B	<u>117</u>	See Block 16C	7. ADMINIST	DIH.1398 ERED BY (If other than Item 6)	CODE	
Langle	nal Aeronautics and Sp ey Research Center ton, VA 23681-0001	ace Administration				
B. NAME AN	D ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip Co	ode) (x)	9A. AMENDMENT OF SOLICIT	ATION NO.	
Attn: S	arch Triangle Institute Scott Merrell Box 12194			96. DATED (SEE ITEM 11)		
	arch Triangle Park, NC	27709-2194		10A. MODIFICATION OF CONT	TRACT/ORDER NO.	
			X	NAS1-18925		
				108. DATED (SEE ITEM 13)	<u></u>	
CODE		FACILITY CODE		6/21/89		
	11. THIS	ITEM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATION	S	
Х в.	THIS CHANGE ORDER IS ISSU . IN ITEM 10A. THE ABOVE NUMBERED CONT	IES THE CONTRACT/ORE ED PURSUANT TO: (Specify authority RACT/ORDER IS MODIFIED TO REFI H IN ITEM 14, PURSUANT TO THE AU	() THE CHANGE	S SET FORTH IN ITEM 14 ARE MA	DE IN THE CONTRACT ORDER	
		MENT IS ENTERED INTO PURSUANT				
D. (	OTHER (Specify type of modific	ation and authority)				
14. DESCRII The p	PTION OF AMENDMENT/MODII urpose of this modifica st and \$1,132 for fee).	is required to sign this document FICATION (Organized by UCF section ) ition is to increase the incre Consequently, the followin	headings, includir emental fund	g solicitation/contract subject matter ing on the subject contra	ct by \$25,000 (\$23,868	
		(Continued on page 2	2)		· · · · · · · · · · · · · · · · · · ·	
		litions of the document referenced in Ite				
15A. NAME /	AND TITLE OF SIGNER (Type of	or print)	Darlen	ND TITLE OF CONTRACTING OF e T. Baxter	FICER (Type or print)	
158. CONTR	RACTOR/OFFEROR	15C. DATE SIGNED		cting Officer STATES OF AMERICA ULL: Amiti	16C. DATE SIGNED	
	nature of person authorized to sig		- TSI	gnature of Contracting Officer)	1/0/1/97	
NSN 7540-01 PREVIOUS E	1-152-8070 EDITION UNUSABLE	30	0-105	STANDAR Prescribed I FAR (48 CF		

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NAS1-18925 Modification No. 117 Page 2 of 2

### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$10,910,341 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$523,646 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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### FUNDING SUMMARY

	Amount through Mod. No. 116	Funded By Mod. No. 117	Amount through Mod. No. 117		
Cost	\$10,886,473	\$23,868	\$10,910,341		
Fee TOTAL CPFF	<u>522.514</u> \$11,408,987	<u>1.132</u> \$25,000	<u> </u>		
	CONTRACT SUMMARY				
	Amount through	Funded By	Amount through		
	Mod. No. 116	Mod. No. 117	Mod. No. 117		
Cost	\$12,833,904	<b>\$</b> 0	\$12,833,904		
Fee	<u>600,000</u>	Q	<u>600,000</u>		
TOTALCPFF	\$13,433,904	<b>\$</b> 0	\$13,433,904		

	OMB Approval #: 2700-0042					
AMENDMENT OF SOLICITATION/M		ONTRACT	1. CONTRACT ID CODE		PAGE O	F PAGES
2. AMENDMENT/MODIFICATION NO. 3	B. EFFECTIVE DATE		ITION/PURCHASE REQ. NO.	5. PF	-	∠ (If applicable)
6. ISSUED BY CODE	See Block 16C					
			STERED BY (II other than item 6)	çu		
National Aeronautics and Space A Langley Research Center Hampton, VA 23681-0001	dministration					
8. NAME AND ADDRESS OF CONTRACTOR (No., si	treet, county, State, and Zip Co	de) (x	) 9A. AMENDMENT OF SOLIC		NO.	
Research Triangle Institute Attn: Scott Merrell			9B. DATED (SEE ITEM 11)			
P. O. Box 12194 Bosoarch Triangle Back, NC 27700	2404		10A, MODIFICATION OF CO	NTDACT		
Research Triangle Park, NC 27709	9-2194	×		NTRACT	IORDER NC	
			10B. DATED (SEE ITEM 13)			
	YCODE		6/21/89			
			ENTS OF SOLICITATIO	NS		
The above numbered solicitation is amended as Offers must acknowledge receipt of this amendment pr	set forth in Item 14. The hour a for to the hour and date specifie	and date specif ed in the solicit	ied for receipt of Offers is e ation or as amended, by one of the	extended, followin	, is no g methods:	ot extended.
(c) by separate lefter or telegram which includes a refe AT THE PLACE DESIGNATED FOR THE RECEIPT O virtue of this amendment you desire to change an offer reference to the solicitation and this amendment, and is	rence to the solicitation and am F OFFERS PRIOR TO THE HC already submitted, such chang s received prior to the opening h	nendment numi OUR AND DAT e may be made	E SPECIFIED MAY RESULT IN RE		EMENT TO	BE RECEIVED
12. ACCOUNTING AND APPROPRIATION DATA (If n DCO.1096;R20708;505641258;\$11	equired) 1,683(Complete)(Task	: 56)				
IT MODIFIES TH	HE CONTRACT/ORDI	ER NO. AS	NS OF CONTRACTS/OI S DESCRIBED IN ITEM	14.	·	
(X) A. THIS CHANGE ORDER IS ISSUED PURS NO. IN ITEM 10A.	UANT TO: (Specify authority)	THE CHANG	ES SET FORTH IN ITEM 14 ARE N	MADE IN	THE CONTR	RACT ORDER
X B. THE ABOVE NUMBERED CONTRACT/OI appropriation date, etc.) SET FORTH IN ITEM	114, PURSUANT TO THE AUT	THORITY OF F	AR 43.103(b).	s change	s in paying o	flīce,
C. THIS SUPPLEMENTAL AGREEMENT IS I	ENTERED INTO PURSUANT 1	TO AUTHORIT	Y OF:			
D. OTHER (Specify type of modification and						
E. IMPORTANT: Contractor 🛛 is not, 🗌 is requ	uired to sign this document a	and return	copies to the issuing office.		•••	
14. DESCRIPTION OF AMENDMENT/MODIFICATION The purpose of this modification is for cost and \$620 for fee). Conseq	to increase the incren	nental fund	ding on the subject contr	act by	\$11,683	(\$11,063 chedule:
(	Continued on page 2)	)				
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	he document referenced in Item	16A. NAME	AND TITLE OF CONTRACTING O			
			ne T. Baxter acting Officer			
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED		DISTATES OF AMERICA		16C. DAT	E SIGNED
(Signature of person authorized to sign)		فليت المركد كر	ignature of Contracting Officer)	$\sim$	101	2/19/1
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-1		STANDA	by GSA		. 10-83)
		FILE	FAR (48 C	гк) 53.2	43	

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NAS1-18925 Modification No. 118 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

\*(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 \$10,921,404 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$524,266 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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	Amount through Mod. No. 117	Funded By Mod. No. 118	Amount through Mod. No. 118
Cost	\$10,910,341	\$11,063	\$10,921,404
Fee TOTAL CPFF	<u>523.646</u> \$11,433,987	<u> </u>	<u> </u>
	<u>c</u> c	DNTRACT SUMMARY	
	Amount through Mod. No. 117	Funded By Mod. No. 118	Amount through Mod. No. 118
Cost Fee TOTALCPFF	\$12,833,904 <u>600,000</u> \$13,433,904	\$0 _0 \$0	\$12,833,904 <u>600,000</u> \$13,433,904
	\$10,700,00 <del>4</del>	<b>4V</b>	a10,400,904

				OMB .	Approval #: 2700-0042		
					1. CONTRACT ID CODE	F	PAGE OF PAGES
	NDMENT OF SOLICIT		3. EFFECTIVE DATE	JNIRACI	ION/PURCHASE REQ. NO.		CT NO. (If applicable)
	119		See Block 16C	4. REQUISIT	See page 2	0. 71002	
6. ISSL		CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE	T
		L.		1			
N	ational Aeronautics and	i Space A	dministration	1			
	ingley Research Cente			·			
	ampton, VA 23681-00						
				1			
8. NAM	E AND ADDRESS OF CONTRA	CTOR (No.,	street, county, State, and Zip Co	(x) (eb	9A. AMENDMENT OF SOLIC	ITATION NO.	
R	esearch Triangle Institu	ıte					
At	tn: Scott Merrell				9B. DATED (SEE ITEM 11)		
Ρ.	O. Box 12194						
R	esearch Triangle Park,	NC 2770	9-2194		10A. MODIFICATION OF CO	NTRACT/ORI	DER NO.
	•				NAS1-18925		
					10B. DATED (SEE ITEM 13)		
CODE		FACILI	TY CODE		6/21/89		
·	11. T	HIS ITEN	ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS	
	he above numbered solicitation is		<u> </u>			xtended,	is not extended.
	nust acknowledge receipt of this						
							<b>-</b>
	completing Items 8 and 15, and re reparate letter or telegram which i				g receipt of this amendment on e		
	PLACE DESIGNATED FOR TH						
	f this amendment you desire to cl ce to the solicitation and this ame					ch telegram o	letter makes
	COUNTING AND APPROPRIATI			iour and date sp	ecilied.		
	ee page 2	•					
	13. THIS I	TEM APP	PLIES ONLY TO MOD	IFICATION	S OF CONTRACTS/O	RDERS,	
					DESCRIBED IN ITEM		
(X)		ISSUED PUR	SUANT TO: (Specify authority)	THE CHANGES	S SET FORTH IN ITEM 14 ARE I	MADE IN THE	CONTRACT ORDER
	NO. IN ITEM 10A.						
X			· · · · · · · · · · · · · · · · · · ·			··	
^			ORDER IS MODIFIED TO REFLI		VISTRATIVE CHANGES (such as	s changes in p	aying office,
			ENTERED INTO PURSUANT				
	C. THIS SUFFLEMENTAL AG	RECMENTR	ENTERED INTO PURSUANT		UF:		
	D. OTHER (Specify type of mo	dification and	d authority)		······································		
			······································				
E. IMF	PORTANT: Contractor X is r	not, 🔲 is re	quired to sign this document a	and returnc	opies to the issuing office.		
14. DE	SCRIPTION OF AMENDMENTAN	ODIFICATIO	N (Organized by UCF section he	adings, includin	g solicitation/contract subject ma	tter where fea	sible.)
Tł	ne purpose of this modi	ification is	s to increase the increm	nental fundi	ing on the subject conti	ract by \$1.	29,100
(\$	121,952 for cost and \$	7,148 for	fee). Consequently, th	ne following	changes are hereby be	eing made	to the
C	ontract Schedule:						
			(Continued on page 2)				
Execut	as provided bergin, all terms and	anditions of	the desurrent referenced in New	- 04 104 1	enstation about to mains und	honord and in	6.11 fam
****	as provided herein, all terms and AME AND TITLE OF SIGNER (7)		The document referenced in iten		ND TITLE OF CONTRACTING C		
		, es se printy			e T. Baxter		
					cting Officer		
158. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED		STATES OF AMERICA	, 16	C. DATE SIGNED
				1 6	in the		
	(Cimpelum of an and a state	A		BY ///	Alla - ilan	<u> </u>	11/ G-
NSN 75	(Signature of person authorized 40-01-152-8070	io sign)			nature of Contracting Officer)	1/0	<u>, , , , , , , , , , , , , , , , , , , </u>
	OUS EDITION UNUSABLE		30-		S I ANDA Prescribe		30 (Rev. 10-83)
			·	1. <i></i>	FAR (48 C	CFR) 53.243	
			F	ILE (			
			b.	I have been "	and and the second s		

NAS1-18925 Modification No. 119 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

(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 \$11,043,356 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$531,414 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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#### FUNDING SUMMARY

	Amount through Mod. No. 118	Funded By <u>Mod. No. 119</u>	Amount through Mod. No. 119
Cost	\$10,921,404	\$121,952	\$11,043,356
Fee	<u>524,266</u>	<u>7,148</u>	<u>531,414</u>
TOTAL CPFF	\$11,445,670	\$129,100	\$11,574,770

# CONTRACT SUMMARY

	Amount through Mod. No. 118	Funded By Mod. No. 119	Amount through Mod. No. 119
Cost	\$12,833,904	<b>\$</b> 0	\$12,833,904
Fee	600,000	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	<b>\$</b> 0	\$13,433,904

## ACCOUNTING AND APPROPRIATION DATA:

DCO.1149;98;R20895;53804111100;\$119,100 (Complete)(Task 61) DIH.1404;97;R23093;27458015000;\$10,000(Complete)(Task 54)

<del></del>				Approval #: 2700-0042	
		ON/MODIFICATION OF CO		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENI	DMENT/MODIFICATION NO. 120	3. EFFECTIVE DATE See Block 16C	4. REQUISIT	ION/PURCHASE REQ. NO. DIH.1403	5. PROJECT NO. (If applicable)
6. ISSUE		DDE	7. ADMINIST	ERED BY (If other than Item 6)	
Lan	ional Aeronautics and Sp gley Research Center npton, VA 23681-0001	ace Administration			
8. NAME	AND ADDRESS OF CONTRACTO	R (No., street, county, State, and Zip Coo	de) (x)	9A. AMENDMENT OF SOLIC	TATION NO.
Attn P. C	earch Triangle Institute h: Scott Merrell D. Box 12194 search Triangle Park, NC	27709-2194	x	98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-18925	NTRACT/ORDER NO.
				10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE		6/21/89	
	<u>11. THIS</u>	ITEM ONLY APPLIES TO /	AMENDME	NTS OF SOLICITATIO	NS
(c) By sep AT THE P virtue of th reference 12. ACCC DIH	PLACE DESIGNATED FOR THE RE his amendment you desire to change to the solicitation and this amendme DUNTING AND APPROPRIATION D 1.1403;98;R22276;25870; 13. THIS ITEM IT MODIF	tes a reference to the solicitation and arr CEIPT OF OFFERS PRIOR TO THE HO a an offer already submitted, such change ent, and is received prior to the opening to	endment numbe DUR AND DATE e may be made t hour and date sp Task 57) IFICATION ER NO. AS	rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided ear ecified. S OF CONTRACTS/OF DESCRIBED IN ITEM	EJECTION OF YOUR OFFER. If by children by
X	appropriation date, etc.) SET FORT	RACT/ORDER IS MODIFIED TO REFLI H IN ITEM 14, PURSUANT TO THE AUT MENT IS ENTERED INTO PURSUANT T	THORITY OF FA	R 43.103(b).	changes in paying office,
	D. OTHER (Specify type of modifica	ation and authority)		<u></u>	
14. DESC The	CRIPTION OF AMENDMENT/MODIL purpose of this modifica	is required to sign this document a FCATION (Organized by UCF section ha tion is to increase the incren Consequently, the following o	<del>adings, includin</del> nental fundi	g solicitation/contract subject mains on the subject contr	act by \$10,000 (\$9,574
		(Continued on page 2)	)		
	provided herein, all terms and cond ME AND TITLE OF SIGNER (Type o	itions of the document referenced in Iten r print)	16A. NAME AI Darlepe	eretofore changed, remains uncl ND TITLE OF CONTRACTING C e T. Baxter cting Officer	
	NTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	t 16C. DATE SIGNED
NSN 7540	01-152-8070 SEDITION UNUSABLE	30-	the second s	STANDA Prescribed	RD FORM 30 (Rev. 10-83) 1 by GSA 1 FR) 53.243

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NAS1-18925 Modification No. 120 Page 2 of 2

#### Α. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

(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 \$11,052,930 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$531,840 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

	Amount through Mod. No. 119	Funded By Mod. No. 120	Amount through Mod. No. 120
Cost Fee	\$11,043,356 <u>531,414</u>	<b>\$</b> 9,574 <u>426</u>	\$11,052,930 531.840
TOTAL CPFF	\$11,574,770	\$10,000	\$11,584,770
	<u>c</u> c	DNTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 119	Mod, No. 120	Mod. No. 120
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	<b>\$</b> 0	\$13,433,904

<u> </u>	• — <del>— · · · · · · · · · · · · · · · · · </del>			ON	AB Ap	proval #: 2700-0042	······		
AME	NDMENT OF SOLICITA	TION/MOI			т	1. CONTRACT ID CODE		PAGE O	F PAGES
	NDMENT/MODIFICATION NO.		EFFECTIVE DATE		UISITI	ON/PURCHASE REQ. NO.	5. PROJE	CT NO.	(If applicable)
6. ISSL	121 IED BY	CODE	See Block 16C	7 4044		See Block 12 ERED BY (If other than Item 6)		<b></b>	·
					11010	inco or (nouler dian item o)	CODE		
La	ational Aeronautics and S ingley Research Center ampton, VA 23681-0007	•	ninistration						
8. NAM	E AND ADDRESS OF CONTRAC	TOR (No., stre	et, county, State, and Zip Coo	1 /e)	(x)	9A. AMENDMENT OF SOLIC	ITATION NO	<b>)</b> .	
		, -		Ĩ F	<u></u>				
	esearch Triangle Institute	•							
	tn: Scott Merrell					9B. DATED (SEE ITEM 11)			
	O. Box 12194 esearch Triangle Park, N	C 27700 2	2104			10A. MODIFICATION OF CO	NTRACT/OF		<u>.</u>
	esearch inangle Park, N	C 2//09-2	194		x	NAS1-18925			
						10/101 10020			
						10B. DATED (SEE ITEM 13)			
CODE	······································	FACILITY				6/21/89			
	<u>11. TH</u>	IS ITEM C	ONLY APPLIES TO A	MENDI	MEN	ITS OF SOLICITATIO	NS		
	he above numbered solicitation is a nust acknowledge receipt of this am						tended,		t extended.
By sepa THE PL virtue of reference	ompleting Items 8 and 15, and retur rate letter or telegram which include ACE DESIGNATED FOR THE REG this amendment you desire to char se to the solicitation and this amend COUNTING AND APPROPRIATIO	es a reference CEIPT OF OFF nge an offer air ment, and is re	to the solicitation and amendr FERS PRIOR TO THE HOUR ready submitted, such change preved prior to the opening ho	ment numb AND DAT	ers. F E SPE ade by	CIFIED MAY RESULT IN REJE telegram or letter, provided eac	EDGEMENT	TO BE F YOUR O	RECEIVED AT
	H.1409;97;R23093;2745			5870210	000	;\$5,800(Complete)(Ta	sk 54)		_
	13. THIS IT	EM APPL	IES ONLY TO MODI	FICATI	ONS	OF CONTRACTS/OF	RDERS,		
						DESCRIBED IN ITEM			
(x)	A. THIS CHANGE ORDER IS IS NO. IN ITEM 10A.	SUED PURSU	ANT TO: (Specify authority)	THE CHAI	NGES	SET FORTH IN ITEM 14 ARE I	MADE IN TH	E CONT	RACTORDER
						<u> </u>			
X	B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR						s changes in	paying d	office,
	C. THIS SUPPLEMENTAL AGRI	EEMENT IS EI	NTERED INTO PURSUANT	TO AUTHO	RITY	OF:			
	D. OTHER (Specify type of modil	fication and au	thority)			· · · · · · · · · · · · · · · · · · ·			
E. IMF	PORTANT: Contractor Xis no	ot, 🔲 is requ	ired to sign this documen	t and retu	m_	copies to the issuing office.			
T۲	SCRIPTION OF AMENDMENT/MC ne purpose of this modific r cost and \$475 for fee).	cation is to	increase the increm	ental fu	ndin	g on the subject contra	act by \$10	0,200	
		(Co	ntinued on page 2)						
	as provided herein, all terms and co		document referenced in Item						
15A. N	AME AND TITLE OF SIGNER (Typ	e or print)				ID TITLE OF CONTRACTING C	OFFICER (Ty	pe or pri	nt)
						ting Officer			
15B. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED	168. UN	in	STATES OF AMERICA	6	16C. DA'	TE SIGNED
NSN 75	(Signature of person authorized to 40-01-152-8070	sign)	30-1	105	(Sig	nature of Contracting Officer) STANDA		11/4 30 /R	ev. 10-83)
	DUS EDITION UNUSABLE					Prescribed		(110	
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NAS1-18925 Modification No. 121 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$11,062,655 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$532,315 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

	Amount through	Funded By	Amount through
	Mod. No. 120	Mod. No. 121	Mod. No. 121.
Cost	\$11,052,930	\$9,725	\$11,062,655
Fee	<u>531,840</u>	<u>475</u>	<u>532,315</u>
TOTAL CPFF	\$\$11,584,770	\$10,200	\$11,594,970
	<u>C0</u>	DNTRACT SUMMARY	

	Amount through	Funded By	Amount through
	Mod. No. 120	Mod. No. 121	Mod. No. 121
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

122       See Block 16C       See page 2         INSUED BY       CODE				OM	B Approval #: 2700-0042	
	AMENDMENT OF SOLICITAT		DIFICATION OF CO	NTRACT		
122       See Block 16C       See page 2         National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001       AdMINISTERED BY (if dAver than item 6)       CODE         NAME ANA DADRESS OF CONTRACTOR (No. street county, State, and 2p Code)       B. A. AMENDHENT OF SOLICITATION NO.         Research Triangle Institute Attm: Scott Merrall       B. DarED (SEE ITEM 17)         P. O. Box 12194       B. DarED (SEE ITEM 17)         Research Triangle Park, NC 27709-2194       X         IDDE       FACULTY CODE       ALMENDMENTS OF SOLICITATION FOR CONTRACTORDER NO.         IDDE       FACULTY CODE       FACULTY CODE         IDDE       FACULTY CODE       FACULTY CODE         IDDE       The above numbered solicitation a mended as to prove the intem 14. The tora ad data specified for receipt of OTRS       is searched.         IDDE       The above numbered solicitation and searchead ad as specified in the solicitation or as amended. by one of the intervention in the 14. The tora ad data specified for receipt of OTRS       is an extended.         IDD and Solicitation and the inter 14. The tora ad data specified or receipt of OTRS       is an extended.         IDD and Solicitation and the inter 14. The tora ad data specified or receipt of OTRS.       is an extended.         IDD and Solicitation and the intervention.       is an extended.       is an extended.         IDD and Solicitation and the intervention.<	AMENDMENT/MODIFICATION NO.		EFFECTIVE DATE		SITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23881-0001         NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and 26 Code)         Research Triangle Institute Attr: Scott Merrell         P. O. Box 12194 Research Triangle Park, NC 27709-2194         DODE       FACILITY CODE         108. DATED (SEE ITEM 17)         CODE       FACILITY CODE         117. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION OF CONTRACTORDER NO. NAS1-18925         The above numbered solicitation is amended as at both in tem 14. The hour and data specified for receipt of Offen is annohmed to the doctave must addocewage media of the amendment prior to the hour and data specified in selecified as the doctave must addocewage media of the amendment prior to the hour and data specified in selecified as the doctave must addocewage media of the amendment prior to the hour and data specified in selecified as the doctave must addocewage media of the amendment prior to the priority of the dotter acchingt.         Integrating the must addocewage media of the amendment prior to the priority of the dotter acchingt.         Integrating the must addoce add the specified in the dottabal specified in the dottabal specified in the dottabal specified in the dottabal specified by the apprint the dotter acchingt.         Integrating the must add the amendment prior to the apprint plot and data specified in the dottabal section.         Integrating the must add the amendment prior to the apprint plot and data specified in the doctabal section.         Integrating the must addottabal addottabal plot addotter acching and the appr			See Block 16C			
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Langley Research Center         Hampton, VA 23681-0001         NME AND ADDRESS OF CONTRACTOR (No. street. county, State, and Zip Gody)         Research Triangle Institute         Ath:: Social Merrell         P. O. Box 12194         Research Triangle Institute         Ath:: Social Merrell         P. O. Box 12194         Research Triangle Park, NC 27709-2194         Interview         Interview         Cobe         FACILITY CODE         Interview						
Hampton, VA 23681-0001  INAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zp Cade)  Research Triangle Institute Attn: Scott Merreil P. O. Box 12194 Research Triangle Park, NC 27709-2194  Institute Research Triangle Park, NC 27709-2194  Institute Insti		pace Ad	Iministration			
NAME AND ADDRESS OF CONTRACTOR (No. street. county. State, and Zip Code) <ul> <li>A AMENDMENT OF SOLICITATION NO.</li> <li>Research Triangle Institute</li> <li>Attrix Scott Merrell</li> <li>P. O. Box 12194</li> <li>Research Triangle Park, NC 27709-2194</li> <li>See DatED (SEE (TEM 11)</li> <li>InA MODIFICATION OF CONTRACTORDER NO.</li> <li>X NAS1-18925</li> <li>Itel DatED (SEE (TEM 13)</li> <li>G(21/89)</li> <li>Itel DatED (SEE (TEM 13)</li> <li>G(21/89)</li></ul>						
Research Triangle Institute     Ath: Scott Merrell     P. O. Box 12194     Research Triangle Park, NC 27709-2194     106. MODIFICATION OF CONTRACTORDER NO.     X NAS1-18925     106. DATED (SEE (TEM 13)     6/21/89     11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The solicitation and amendment por use to be how and attas specified in the SOLICITATIONS     The solicitation and amendment provide in the number and the specified Maximum Restorement Provide active of the solicitation or a meriden and the amendment por use in the number and the specified Maximum Restorement Provide active to the solicitation and the specified Maximum Restorement por user in the RECEIPT or OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAX RESULT IN RELECTION OF YOUR OFFER. If this off the solicitation and the specified Maximum Restorement por user in the solicitation and the specified Maximum Restorement por user in the solicitation and the specified Maximum Restorement por user in the solicitation and the specified Maximum Restorement Provide active to the opening hour and date specified Maximum Restorement Resolicitatio	Hampton, VA 23681-0001					
Research Triangle Institute     Ath: Scott Merrell     P. O. Box 12194     Research Triangle Park, NC 27709-2194     106. MODIFICATION OF CONTRACTORDER NO.     X NAS1-18925     106. DATED (SEE (TEM 13)     6/21/89     11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The above numbered solicitation is amendment por use to be how and attas specified in the SOLICITATIONS     The solicitation and amendment por use to be how and attas specified in the SOLICITATIONS     The solicitation and amendment provide in the number and the specified Maximum Restorement Provide active of the solicitation or a meriden and the amendment por use in the number and the specified Maximum Restorement Provide active to the solicitation and the specified Maximum Restorement por user in the RECEIPT or OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAX RESULT IN RELECTION OF YOUR OFFER. If this off the solicitation and the specified Maximum Restorement por user in the solicitation and the specified Maximum Restorement por user in the solicitation and the specified Maximum Restorement por user in the solicitation and the specified Maximum Restorement Provide active to the opening hour and date specified Maximum Restorement Resolicitatio	NAME AND ADDRESS OF CONTRACT	OR (No. at	mat accepts Etata and 7:0 Ca			
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Attn: Scott Merrell       98. DATED (SEE ITEM 11)         P. O. Box 12194       98. DATED (SEE ITEM 11)         Research Triangle Park, NC 27709-2194       104. MODIFICATION OF CONTRACT/ORDER NO.         X       NAS1-18925         IODE       FACILITY CODE         IDE DATED (SEE ITEM 13)       6/21/89         IDE DATED (SEE ITEM 13)       6/21/89         IDE mate advectige ender of this mendment piot to the bour and date specified for receipt of the amedmend, by one of the following methods:         IDE graduation of the second date specified for receipt of the amedmend, by one of the following methods:         IDE graduation of the second date specified for an and second date specified for an and second date specified by RESULT IN REJECTION OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED         IDE graduation of the second date specified method and and and and anomedment mutuation and and and second date specified by RESULT IN REJECTION OF YOUR OFFER. It in the of the amedment was date in the amedment was date specified.         IDE SCHEDING DATA (may and date specified by and date specified.         IDE SCHEDING DATA (may and date specified by and date specified.         IDE ADDED RES THE CONTRACT/ORDER NO. AS DESCRIBED IN INTEM 14.         (X)       A. THIS ONAME ORDER IN SUPPORTING THE ADMINISTRATIVE CHANGES (such as changes in paying office.         IDE ADDVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT NET OF ALL ADDVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT NET OF ALL ADDVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT	Research Triangle Institute					
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Research Triangle Park, NC 27709-2194						
X         NAS1-18925           IODE         FACILITY CODE           11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS           Image: Contract of the solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers         is extended.           Image: Contract of the solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers         is extended.           Image: Contract of the solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers         is extended.           Image: Contract of the solicitation of a mendment prior to the hour and date specified for receipt of Offers         is extended.           Image: Contract of the solicitation of the amendment prior to the hour and date specified of the solicitation of the advented prior to the opening hour and date specified.         2.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.		C 27709	-2194	-	10A. MODIFICATION OF C	ONTRACT/ORDER NO.
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CODE          [6/21/89          IT: THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS           Is extended,         [s not extended,         ] is not extended,         ] is not extended.          IThe above numbered solicitation is amended as as forth in item 14. The hour and data specified for receipt of Offers         ] is actended,         ] is not extended.           is not extended.          Item must actionorledge receipt of the amendment (b) By acknowledging receipt of the amendment on each copy of the offer submitted.           is an ended.           is a not extended.          Item provided the main indudes a determing copies of the amendment numbers. FALLINE OF YOUR ACKNOWLEGGEMENT TO DE RECEIVED           POLINE OF THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN RELECTION OF YOUR OFFER. It         inde of the solicitation and this amendment, and is received prior to the opening hour and date specified.          ACCOUNTING AND APPROPRIATION DATA (fragment)          See page 2          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 authonly) THE CHANGES SET FORTH IN ITEM 14.          (X)          A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authonly) THE AUTHORITY OF FAR 43, 103(b).          C. THIS SUPPLEMENTIAL AREREMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:       <						
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         The above numbered solicitation is amended as set forth in tem 14. The hour and date specified for nearly of Offers       is extended.       is not extended.         By completing items 3 and 15, and returning					10B. DATED (SEE ITEM 13	)
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS         The above numbered solicitation is amended as set forth in tem 14. The hour and date specified for receipt of Others    is extended.         in the above numbered solicitation is amended informed to the hour and date specified in the solicitation on a samended. 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, if y agentials better of telegram which includes a informace to the solicitation and amendment; mumbers. FAILDRE OF VORTACKNOWLEDGEMENT TO DE RECEIVED the offer submitted, if y agentials better of telegram which includes a informace to the solicitation and this amendment, and is received prior to the opening hour and date specified.         2. ACCOUNTING AND APPROPRIATION DATA (If required)         See page 2         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 ORDERIS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14.         (X)       A. THIS CHANGE ORDERIS ISSUED PURSUANT TO: THE AUTHORITY OF FAR 43.103(b).         C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO THE AUTHORITY OF:         (D)       O. OTHER (Specify type of modification and authority)         (E) MORTANT: Contractor [S] snot, [] is required to sign this document and return _copies to the issuing office.         (CONTINUE OF AMENDMENTATIONOPTACE SUP Section headings, including solicitation/outract subject contract	ODE	FACILIT	YCODE		6/21/89	
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended,	11. TH	SITEM	ONLY APPLIES TO			INS
The smult 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 ltems 8 and 15, and returning					····	
b) 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; (c) sector the solicitation and amendment numbers. FALUER 66 FYOUR ACKNOWLEDGEMENT TO BE RECEIVED MAY RESULT IN REJECTION OF YOUR OPPORTUNE PORTUNE ACKNOWLEDGEMENT TO BE RECEIVED MAY RESULT IN REJECTION OF YOUR OPPORTUNE OF PERS. It is amendment in a mendment and a received prior to the opening hour and date specified. 2. ACCOUNTING AND APROPRIATION DATA (// required) See page 2  1.3. 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 OR NO. NO. IN ITEM 10A.  X B. THE ABOVE NUMBERED CONTRACT/ORDER IN ODUFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, epoporation 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)  i. IMPORTANT: Contractor Sis not, is to increase the incremental funding on the subject contract by \$563,500 (S544,964 for cost and \$18,536 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:          (Continued on page 2)          scept 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 Schedule:         (Contract of person authorized to sign)         Scept 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 Schedule:         (Continued on page 2)          (Continued on page 2)         (Signature of person authorized to sign)         SCHANDAPC FORM 30 (Rev. 10-53)						
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 OR         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 ENTERED INTO PURSUANT TO AUTHORITY OF:       D. OTHER (Specify type of modification and authority)         IMPORTANT: Contractor Qis not, is required to sign this document and returmcopies to the issuing office.       D. OTHER (Specify type of modification is to increase the incremental funding solicitation/contract subject matter where feasible.)         The purpose of this modification is to increase the incremental funding on the subject contract by \$563,500 (\$544,964 for cost and \$18,536 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:         (Continued on page 2)         Contract or Vortee or print!         IMAL NAME AND TITLE OF SIGNER (Type or print!)         IMAL NAME AND TITLE OF SIGNER (Type or print!)         IAR NAME AND TITLE OF SIGNER (Type or print!)         IAR NAME AND TITLE OF SIGNER (Type or print!)         IAR NAME AND TITLE OF SIGNER (Type or print!)         IAR NAME AND TITLE OF SIGNER (Type or print!)         IAR NAME AND TITLE	ACCOUNTING AND APPROPRIATION See page 2	N DATA (If n	equired)			
(X)       A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT OR         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 ENTERED INTO PURSUANT TO AUTHORITY OF:       D. OTHER (Specify type of modification and authority)         E. IMPORTANT: Contractor X is not, I is required to sign this document and return copies to the issuing office.       Contractor X is not, I is required to sign this document and return copies to the issuing office.         4. DESCRIPTION OF AMENDMENTMODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)       The purpose of this modification is to increase the incremental funding on the subject contract by \$563,500 (\$544,964 for cost and \$18,536 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:         (Continued on page 2)       (Continued on page 2)         ixcept 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 SA. NAME AND TITLE OF SIGNER (Type or print)         16A. NAME AND TITLE OF SIGNER (Type or print)       Darlepre T. Baxter         58. CONTRACTOR/OFFEROR       ISC. DATE SIGNED       168. UNTED STATES OF AMERICA         (Signature of person authorized to sign)       ISC. DATE SIGNED       168. UNTED STATES OF AMERICA						
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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 authority)         E. IMPORTANT: Contractor Sis not. is required to sign this document and returm copies to the issuing office.         A. DESCRIPTION OF AMENOMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)         The purpose of this modification is to increase the incremental funding on the subject contract by \$563,500 (\$544,964 for cost and \$18,536 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:         (Continued on page 2)         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 SA. NAME AND TITLE OF SIGNER (Type or print)         Sa. NAME AND TITLE OF SIGNER (Type or print)       16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)         Darlegne T. Baxter       Contracting Officer         Sa. CONTRACTOR/OFFEROR       15C. DATE SIGNED       16B. UNTED STATES OF AMERICA       16C. DATE SIGNED         BY       Signature of Contracting Officer)       16C. DATE SIGNED       16B. UNTED STATES OF AMERICA       16C. DATE SIGNED         ISN 7540-01-152-8070       30-105       STANDARD FORM 30 (Rev. 10-83)	NO. IN ITEM 10A.					
D. OTHER (Specify type of modification and authority)         IMPORTANT: Contractor Sis not, is required to sign this document and returncopies to the issuing office.         4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)         The purpose of this modification is to increase the incremental funding on the subject contract by \$563,500 (\$544,964 for cost and \$18,536 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:         (Continued on page 2)         xcept 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 SIGNER (Type or print)       16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)         58. CONTRACTOR/OFFEROR       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA (Signature of person authorized to sign)         (Signature of person authorized to sign)         StanDARD FORM 30 (Rev. 10-83)	D: THE DOTE HOMBERED DO					as changes in paying onice,
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5A. NAME AND TITLE OF SIGNER (Type or print)       16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)         Darlene T. Baxter       Dontracting Officer         5B. CONTRACTOR/OFFEROR       15C. DATE SIGNED         (Signature of person authorized to sign)       16C. DATE SIGNED         SN 7540-01-152-8070       30-105	xcept as provided herein, all terms and co	nditions of th	ne document referenced in Iter	m 9A or 10A, a	as heretofore changed, remains und	changed and in full force and effect
Contracting Officer         58. CONTRACTOR/OFFEROR       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA       16C. DATE SIGNED         (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA       16C. DATE SIGNED         (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA       16C. DATE SIGNED         (Signature of person authorized to sign)       11/1/1/1/1       11/1/1/1/1         (Signature of Contracting Officer)       11/1/1/1/1         (SN 7540-01-152-8070       30-105       STANDARD FORM 30 (Rev. 10-83)				16A. NAM	E AND TITLE OF CONTRACTING	
5B. CONTRACTOR/OFFEROR       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA       16C. DATE SIGNED         (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA       16C. DATE SIGNED         (Signature of person authorized to sign)       15C. DATE SIGNED       16B. UNITED STATES OF AMERICA       1100000000000000000000000000000000000						
(Signature of person authorized to sign)       (Signature of Contracting Officer)       ///// // // // // // // // // // // //	58. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UN/T		16C. DATE SIGNED
	(Signature of person authorized to	sign)				11/1/91
			30	-105		
FAR (48 CFR) 53.243			_			-

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FILE	COPY
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NAS1-18925 Modification No. 122 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$11,607,619 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$550,851 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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#### FUNDING SUMMARY

	Amount through	Funded By	Amount through0
	Mod. No. 121	<u>Mod. No. 122</u>	Mod. No. 122
Cost	\$11,062,655	\$544,964	\$11,607,619
Fee	<u>532,315</u>	<u>18,536</u>	<u>550,851</u>
TOTAL CPFF	\$11,594,970	\$563,500	\$12,158,470
	<u>cc</u>	ONTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 121	Mod. No. 122	Mod. No. 122

Cost	\$12,833,904	<b>\$</b> 0	\$12,833,904
Fee	600,000	0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

## ACCOUNTING AND APPROPRIATION DATA:

PR#	PY	Job Order	Program No.	Amount Status Task No.
DIH.1410	98	R22276	25870210600	\$29,600 Complete Task 64
DIH.1414	98	H15275	53708222100	\$150,000 Complete Task 60
DIH.1384	98	H15275	537-08-22-21	\$200,000 Complete Task 60
DIH.1415	98	H15275	53708222100	\$183,900 Compete Task 66

TOTAL \$563,500

				ON	/IB Ap	proval #: 2700-0042	······		
	NDMENT OF SOLICITATI			NTDAC	T	1. CONTRACT ID CODE		PAGE C	F PAGES
	NDMENT/MODIFICATION NO.					ON/PURCHASE REQ. NO.	5. PR	OJECT NO.	(If applicable)
	123		See Block 16C			See page 2		=	
6. ISSU	ED BY C	ODE		7. ADMI	NIST	ERED BY (If other than Item 6)	COD	DE	
La	ational Aeronautics and Sp ngley Research Center ampton, VA 23681-0001	bace Adm	ninistration						
8. NAM	E AND ADDRESS OF CONTRACTO	R (No., stree	et, county, State, and Zip Coo	de)	(X)	9A. AMENDMENT OF SOLIC	ITATION	NO.	
				Γ					
Re	esearch Triangle Institute								
	tn: Scott Merrell					9B. DATED (SEE ITEM 11)			
	O. Box 12194			-			NTRACT		
Re	esearch Triangle Park, NC	27709-2	194		~	10A. MODIFICATION OF CO	NIRACI	ORDERING	).
					Х	NAS1-18925			
						10B. DATED (SEE ITEM 13)			<u></u>
	······································		CODE						
CODE									
						ITS OF SOLICITATION		<u> </u>	
Offers n	he above numbered solicitation is am nust acknowledge receipt of this ame	ndment prior	to the hour and date specifie	id in the solid	citatio	n or as amended, by one of the f		methods:	t extended.
By sepa THE PL virtue of to the se 12. AC	ompleting Items 8 and 15, and returni rate letter or telegram which includes ACE DESIGNATED FOR THE RECE i this amendment you desire to chang dicitation and this amendment, and is COUNTING AND APPROPRIATION be page 2	a reference EIPT OF OFF e an offer all received pri	to the solicitation and amend ERS PRIOR TO THE HOUF eady submitted, such change or to the opening hour and de	iment numbe R AND DATE e may be ma	ers. F E SPE ade by	CIFIED MAY RESULT IN REJE	EDGEME	NT TO BE I	RECEIVED AT
	13. THIS ITE	M APPL	IES ONLY TO MOD	IFICATI	ONS	OF CONTRACTS/OF	DERS	S,	
	IT MODI	FIES TH	E CONTRACT/ORD	ER NO.	AS	DESCRIBED IN ITEM	14.		
(X)	A. THIS CHANGE ORDER IS ISSU	UED PURSU	ANT TO: (Specify authority)	THE CHAN	NGES	SET FORTH IN ITEM 14 ARE N	MADE IN	THE CONT	RACT ORDER
	NO. IN ITEM 10A.								
X	B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORT	ITRACT/ORI	DER IS MODIFIED TO REFL 4. PURSUANT TO THE AUT	ECT THE A		IISTRATIVE CHANGES (such at 3 43,103(b).	s change:	s in paying o	fice,
	C. THIS SUPPLEMENTAL AGREE								
	D. OTHER (Specify type of modified								
14. DE Th (\$	PORTANT: Contractor ⊠is not SCRIPTION OF AMENDMENT/MOD ne purpose of this modifica 116,020 for cost and \$3,9 chedule:	ation is to	Organized by UCF section h increase the increm	eadings, inc nental fui	<i>iudin</i> g ndin	g solicitation/contract subject mail g on the subject contra	iter where act by S	\$120,000	) e Contract
		(Co	ontinued on page 2)						
_		1941		- 04 104	ac F	antofore changed remains weak	anged of	nd in full for-	a and effect
	as provided herein, all terms and con IAME AND TITLE OF SIGNER (Type		accument referenced in iter	16A. NA	ME A	ND TITLE OF CONTRACTING C	OFFICER	(Type or pr	int)
		ы <i>р</i> ()		Dai	rlene	e T. Baxter cting Officer			
15B. C	ONTRACTOR/OFFEROR		15C. DATT. SIGNED		ITED	STATES OF AMERICA	)	16C. DA	
NON 7	(Signature of person authorized to s	ugn)	30	-105	(3)	gnature of Contracting Öfficer)		RM 10 /P	ev. 10-83)
	540-01-152-8070 OUS EDITION UNUSABLE		50			Prescribe	d by GSA	N I	
			THE P	<b>.</b>		FAR (48 (	UFR) 53.2	243	
			FILE C		2				

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NAS1-18925 Modification No. 123 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$11,723,639 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$554,831 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

#### FUNDING SUMMARY

	Amount through	Funded By	Amount through0
	Mod. No. 122	Mod. No. 123	Mod. No. 123
Cost	\$11,607,619	\$116,020	\$11,723,639
Fee	<u>550,851</u>	<u>3.980</u>	<u>554,831</u>
TOTAL CPFF	\$12,158,470	\$120,000	\$12,278,470
	<u>co</u>	NTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 122	Mod. No. 123	Mod. No. 123
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

BAA.0996;97;R22024;52224110200;\$40,000(Complete)(Task 68) BAA.0996;97;R22126;52222210600;\$8,000(Complete)(Task 68) BAA.0996;98;R22875;52224110900;\$52,000(Complete)(Task 68) DCO.1152;98;R20895;53804111100;\$20,000(Complete)(Task 65)

Total \$120,000

				OMB A	pproval #: 2700-0042		
	NDMENT OF SOLIC		ODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE		PAGE OF PAGES
	NDMENT/MODIFICATION NO		3. EFFECTIVE DATE		I ION/PURCHASE REQ. NO	. 5. PROJE	CT NO. (If applicable)
			See Block 16C	7. 401411/07	BAA.0993	n 6) CODE	·······
6. ISSU	ED BY			7. ADMINIST	ERED BY (If other than Iten		
La	ational Aeronautics an ngley Research Cen ampton, VA 23681-0	ter	dministration				
8 NAM	E AND ADDRESS OF CONT	RACTOR (No.	street, county, State, and Zip Coo	l (x)	9A. AMENDMENT OF S	OLICITATION NO	).
0. 10.00					1		
	esearch Triangle Insti	itute					· · · · · · · · · · · · · · · · · · ·
	tn: Scott Merrell				98. DATED (SEE ITEM	11)	
	O. Box 12194	NO 0770	0.0404		10A. MODIFICATION O	E CONTRACT/OF	
Re	esearch Triangle Parl	k, NC 2770	9-2194	x	NAS1-18925		
					14401-10020		
					10B. DATED (SEE ITEN	4 13)	
CODE		FACIL	ITY CODE		6/21/89		
	11.	THIS ITEN	ONLY APPLIES TO A	MENDME	NTS OF SOLICITA	TIONS	<u></u>
Offers m	he above numbered solicitation	n is amended a is amendment p	s set forth in Item 14. The hour a prior to the hour and date specified	nd date specifie d in the solicitati	d for receipt of Offers	is extended,-	is not extended.
THE PL virtue of reference 12. ACC	ACE DESIGNATED FOR THI this amendment you desire to a to the solicitation and this an COUNTING AND APPROPRI A.0993;98;R22875; 13. THI	E RECEIPT OF o change an offer mendment, and ATION DATA ( <i>I</i> ) 522241109 S ITEM AP	00;\$51,000(Complete)( PLIES ONLY TO MOD	AND DATE SP may be made to our and date sp Task 58)	CIFIED MAY RESULT IN by telegram or letter, provide scified.	REJECTION OF ad each telegram of	YOUR OFFER. If by
	IT N	ODIFIES 1	THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN IT	EM 14.	
(x)	A. THIS CHANGE ORDER NO. IN ITEM 10A.	IS ISSUED PUI	RSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14	ARE MADE IN TH	E CONTRACT ORDER
x	appropriation date, etc.) SET	FORTH IN ITE	ORDER IS MODIFIED TO REFL M 14. PURSUANT TO THE AUT	HORITY OF FA	R 43.103(b).	uch as changes ir	paying office,
	C. THIS SUPPLEMENTAL	AGREEMENT	S ENTERED INTO PURSUANT	TO AUTHORITY	(OF:		
	D. OTHER (Specify type of	modification and	d authority)				
E. IMP	PORTANT: Contractor	lis not, 🔲 is r	required to sign this documer	nt and return	copies to the issuing o	office.	
T۲	ne purpose of this mo	odification is fee). Cons	ON (Organized by UCF section his s to increase the increm sequently, the following (Continued on page 2)	nental fundi	ng on the subject co	ontract by \$5	1,000 (\$49,518
			f the document referenced in Iterr	9A or 10A, as I	heretofore changed, remains	unchanged and i	n full force and effect.
15A. N	AME AND TITLE OF SIGNEF	R (Type or print)		Darlen	ND TITLE OF CONTRACT le T. Baxter loting Officer	ING OFFICER (1)	pe or printj
15B. C	ONTRACTOR/OFFEROR	red to sign)	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	in U	16C. DATE SIGNED
	540-01-152-8070		30-	105	STA	ANDARD FORM	<b>30</b> (Rev. 10-83)
PREVI	OUS EDITION UNUSABLE				FAR	scribed by GSA 2 (48 CFR) 53.243	
					FILE C	) Opy	

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NAS1-18925 Modification No. 124 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

(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 \$11,773,157 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$556,313 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

	Amount through	Funded By	Amount through0
	Mod. No. 123	Mod. No. 124	Mod. No. 124
Cost	\$11,723,639	\$49,518	\$11,773,157
Fee	<u>554,831</u>	<u>1,482</u>	<u>556,313</u>
TOTAL CPFF	\$12,278,470	\$51,000	\$12,329,470
	-	CONTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 123	Mod. No. 124	Mod. No. 124
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

		OMB A	pproval #: 2700-0042		
AMENDMENT OF SOLICITATION/			1. CONTRACT ID CODE		2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE See Block 16C	4. REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applic	able)
125 6. ISSUED BY CODE	See Block TOC	7. ADMINIST	See page 2 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 Coo	de) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 277	09-2194	x	98. DATED (SEE ITEM 11) 104. MODIFICATION OF CO NAS1-18925 108. DATED (SEE ITEM 13)		
CODE FAC	LITY CODE		6/21/89		
11. THIS ITE	MONLY APPLIES TO			NS	
The above numbered solicitation is amended Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning	t prior to the hour and date specifie	d in the solicitation	on or as amended, by one of the	ach copy of the offer submitted	t; or (c)
By separate letter or telegram which includes a refei THE PLACE DESIGNATED FOR THE RECEIPT O virtue of this amendment you desire to change an of reference to the solicitation and this amendment, an 12. ACCOUNTING AND APPROPRIATION DATA	F OFFERS PRIOR TO THE HOUF fer already submitted, such change d is received prior to the opening h	R AND DATE SF e may be made l	ECIFIED MAY RESULT IN REJ by telegram or letter, provided ea	ECTION OF YOUR OFFER. I	ED AT f by
See page 2					
13. THIS ITEM A	PPLIES ONLY TO MOD	IFICATION	S OF CONTRACTS/O	RDERS,	
(X) A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A.		THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT C	RDER
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT	TEM 14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	as changes in paying Unice,	
D. OTHER (Specify type of modification a	nd authority)			<u></u>	<u></u>
E. IMPORTANT: Contractor Sis not,	required to sign this docume	nt and return	copies to the issuing office	Э.	
14. DESCRIPTION OF AMENDMENT/MODIFICA The purpose of this modification for cost and \$3,555 for fee). Cor	TION (Organized by UCF section ) is to increase the increm	neadings, includii nental fundi	ng solicitation/contract subject mining on the subject contr	atter where feasible.) act by \$102,900 (\$99	,345 tule:
	(Continued on page 2)				
Except as provided herein, all terms and conditions	of the document referenced in Iter	m 9A or 10A as	heretofore chanced, remains und	changed and in full force and e	ffect.
15A. NAME AND TITLE OF SIGNER (Type or prin		16A. NAME	AND TITLE OF CONTRACTING	OFFICER (Type or print)	
			e T. Baxter		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	acting Officer	16C. DATE SIG	yed 47
(Signature of person authorized to sign) NSN 7540-01-152-8070	30	-105	STAND	DARD FORM 30/(Rev. 10-8	33)
PREVIOUS EDITION UNUSABLE			Prescrib	ed by GSA CFR) 53.243	

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NAS1-18925 Modification No. 125 Page 2 of 2

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# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$11,872,502 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$559,868 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

## FUNDING SUMMARY

	Amount through	Funded By	Amount through
	Mod. No. 124	Mod. No. 125	Mod. No. 125
Cost	\$11,773,157	\$ 99,345	\$11,872,502
Fee	556,313	<u>3,555</u>	<u>559,868</u>
TOTAL CPFF	\$12,329,470	\$102,900	\$12,432,370
	CC	DNTRACT SUMMARY	

	Amount through	Funded By	Amount through
	Mod. No. 124	Mod. No. 125	Mod. No. 125
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

# ACCOUNTING AND APPROPRIATION DATA:

DiH.1411;97;H15275;53708222100;\$7,278;(Complete)(Task 7) DiH.1411;98;R19732;53804111500;\$2,545;(Complete)(Task 7) DiH.1411;98;R20895;53804111100;\$1,653;(Complete)(Task 7) DiH.1411;98;R22276;25870210600;\$1,596;(Complete)(Task 7) DiH.1411;98;R22839;54810110200;\$1,247;(Complete)(Task 7) DiH.1411;98;R22875;52224110900;\$4,581;(Complete)(Task 7) DiH.1411;98;R22839;54810110200;\$74,400;(Complete)(Task 63) DiH.1420;98;R22839;54810110200;\$9,600;(Complete)(Task 67)

		OMB A	oproval #: 2700-0042	
AMENDMENT OF SOLICITATION/	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 126				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				
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Coo	<i>ie)</i> (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 277	09-2194	×	98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-18925 108. DATED (SEE ITEM 13)	NTRACT/ORDER NO.
	LITY CODE		6/21/89	
11. THIS ITE	M ONLY APPLIES TO	AMENDMEN	ITS OF SOLICITATION	NS
The above numbered solicitation is amended Offers must acknowledge receipt of this amendment	as set forth in Item 14. The hour a	nd date specified	for receipt of Offers is extended by one of the fi	tended, is not extended.
IT MODIFIES	fer already submitted, such change ed prior to the opening hour and di (If required) PPLIES ONLY TO MOD THE CONTRACT/ORD	e may be made b ate specified. IFICATIONS ER NO. AS	y telegram or letter, provided eac S OF CONTRACTS/OR DESCRIBED IN ITEM	h telegram or letter makes reference RDERS, 14.
(x) A. THIS CHANGE ORDER IS ISSUED PI NO. IN ITEM 10A.	Pr			****
A B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IT	T/ORDER IS MODIFIED TO REFL TEM 14, PURSUANT TO THE AUT	ECT THE ADMIN HORITY OF FAR	IISTRATIVE CHANGES (such as R 43.103(b).	s changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification a	nd authority)			
E. IMPORTANT: Contractor Xis not, is	required to sign this docume	nt and return	copies to the issuing office	
14. DESCRIPTION OF AMENDMENT/MODIFICAT The purpose of this modification (\$385,144 for cost and \$13,856 f Contract Schedule:	TION (Organized by UCF section h is to increase the increm	eadings, including nental fundin	g solicitation/contract subject mat Ig on the subject contra	ict by \$399,000
	(Continued on page 2)			
Except as provided herein, all terms and conditions	of the document referenced in Iter	n 9A or 10A, as h	eretofore changed, remains unch	anged and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or prin		16A. NAME A Darlen	ND TITLE OF CONTRACTING C e T. Baxter cting Officer	OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF A MERICA,	16C. DATE SIGNED
(Signature of person authorized to sign) NSN 7540-01-152-8070	]	-105	gnature of Contracting Officer) STANDA	ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE			Prescribe	

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NAS1-18925 Modification No. 126 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$11,872,502 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$559,868 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

#### FUNDING SUMMARY

	Amount through	Funded By	Amount through
	Mod. No. 125	Mod. No. 126	Mod. No. 126
Cost	\$11,872,502	\$385,144	\$12,257,646
Fee	<u>559,868</u>	<u>13,856</u>	<u>573,724</u>
TOTAL CPFF	\$12,432,370	\$399,000	\$12,831,370
		CONTRACT SUMMARY	

	Amount through	Funded By	Amount through
	Mod. No. 125	Mod. No. 126	Mod. No. 126
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

DIH.1398;98;R19732;538-04-11-15;\$150,000;(Complete)(Task 62) BAA.0999;98;R23136;52224111000;\$150,000;(Complete)(Task 68) BAA.0999;98;R22875;52224110900;\$99,000;(Complete)(Task 68)

Total \$399,000

		OMB A	pproval #: 2700-0042	
AMENDMENT OF SOLICITATION			1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 127	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	See Block 16C		See page 2 ERED BY (If other than Item 6)	
	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 Coo	de) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
Research Triangle Institute				
Attn: Scott Merrell		1	9B. DATED (SEE ITEM 11)	······································
P. O. Box 12194				
Research Triangle Park, NC 277	09-2194		10A. MODIFICATION OF CO	NTRACT/ORDER NO.
•		X	NAS1-18925	
			10B. DATED (SEE ITEM 13)	
CODE	ILITY CODE		6/21/89	
	MONLY APPLIES TO A			NS
The above numbered solicitation is amended Offers must acknowledge receipt of this amendmen				xtended, is not extended. following methods:
(a) By completing Items 8 and 15, and returning	conies of the amendment: (b) P	v acknowledging	receipt of this amendment on e	ach conv of the offer submitted: or (c)
By separate letter or telegram which includes a refe THE PLACE DESIGNATED FOR THE RECEIPT O virtue of this amendment you desire to change an o	rence to the solicitation and amend F OFFERS PRIOR TO THE HOUR ffer already submitted, such change	ment numbers. I AND DATE SPI may be made b	FAILURE OF YOUR ACKNOWL ECIFIED MAY RESULT IN REJE by telegram or letter, provided ear	EDGEMENT TO BE RECEIVED AT ECTION OF YOUR OFFER. If by
reference to the solicitation and this amendment, an 12. ACCOUNTING AND APPROPRIATION DATA		our and date spe	cined.	· · · · · · · · · · · · · · · · · · ·
DIH.1434;98;R23281;632202150		ask 67)		
	PPLIES ONLY TO MOD			
	THE CONTRACT/ORD			
(X) A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A.	URSUANT TO: (Specify authority)	THE CHANGES	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT ORDER
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IT				as changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification a	and authority)			
			service to the issuing office	
E. IMPORTANT: Contractor Sis not, is 14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF section h	eadings, includin	a solicitation/contract subject ma	s. atter where feasible.)
The purpose of this modification cost and \$274 for fee). Consequ	is to increase the increm	nental fundir	ng on the subject contr	act by \$9,600 (\$9,326 for
	(Continued on page 2)			
Except as provided herein, all terms and conditions	of the document referenced in Iten	n 9A or 10A, as h	eretofore changed, remains unc	hanged and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or prin			ND TITLE OF CONTRACTING	
		I /	e T. Baxter cting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
	1	BY A 4	2 lin A Mu	in split
(Signature of person authorized to sign)		i for	gnature of Contracting Officer)	3/5/6/1
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105		ARD FORM 30 (Rev. 10-83) of by GSA
	<b>r</b> - 1		EAR (48	CFR) 53.243
		LEC		

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NAS1-18925 Modification No. 127 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$12,266,972 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$573,998 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

	Amount through	Funded By	Amount through
	Mod. No. 126	Mod. No. 127	Mod. No. 127
Cost	\$12,257,646	\$9,326	\$12,266,972
Fee	<u>573,724</u>	<u>274</u>	<u>573,998</u>
TOTAL CPFF	\$12,831,370	\$9,600	\$12,840,970
	<u>C0</u>	NTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 126	Mod. No. 127	Mod. No. 127
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<u></u>		OMB /	Approval #: 2700-0042	
AMENDMENT OF SOLICITATIO		NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		I TION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
128	See Block 16C		See page 2	
6. ISSUED BY COD		7. ADMINIS	TERED BY (If other than Item 6)	CODE
National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001	ce Administration			
8. NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
Research Triangle Institute				
Attn: Scott Merrell			9B. DATED (SEE ITEM 11)	
P. O. Box 12194				
Research Triangle Park, NC 2	7709-2194		10A. MODIFICATION OF CO	NTRACT/ORDER NO.
······		X	NAS1-18925	
			10B. DATED (SEE ITEM 13)	
CODE	ACILITY CODE		6/21/89	
11 THIS I	TEM ONLY APPLIES TO			NS
The above numbered solicitation is ameni Offers must acknowledge receipt of this amendr				xtended, is not extended. following methods:
By separate letter or telegram which includes a THE PLACE DESIGNATED FOR THE RECEIP virtue of this amendment you desire to change a reference to the solicitation and this amendment 12. ACCOUNTING AND APPROPRIATION DA DIH.1384;H15275;537-08-22-1 13. THIS ITEM	T OF OFFERS PRIOR TO THE HOUI in offer already submitted, such chang , and is received prior to the opening h TA (If required)	R AND DATE Si e may be made hour and date sp ask 60)	PECIFIED MAY RESULT IN REJ by telegram or letter, provided ea ecified.	ECTION OF YOUR OFFER. If by ch telegram or letter makes
	ES THE CONTRACT/ORD			•
(x) A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 10A.				
X B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORTH				as changes in paying office,
C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTERED INTO PURSUANT	TO AUTHORIT	Y OF:	<u>, , , , , , , , , , , , , , , , , , , </u>
D. OTHER (Specify type of modification	on and authority)			
E. IMPORTANT: Contractor Xis not,	] is required to sign this docume	nt and return	copies to the issuing office	
14. DESCRIPTION OF AMENDMENT/MODIFI The purpose of this modification (\$192,446 for cost and \$7,554 Schedule:	on is to increase the incren	nental fundi	ng on the subject contr	act by \$200,000
	(Continued on page 2)			
Except as provided herein, all terms and conditi	ons of the document referenced in Iter	n 9A or 10A 🤉 e	heretofore changed, remains unc	hanged and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or			AND TITLE OF CONTRACTING	
		Darler	e T. Baxter	
		1 (	cting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign	,		ignature of Contracting Officer	4-24-43
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	and the second se	-105	Prescribe	ARD FORM 30 (Rev. 10-83) of by GSA CFR) 53.243
				File COP

NAS1-18925 Modification No. 128 Page 2 of 2

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$12,459,418 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$581,552 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

	Amount through	Funded By	Amount through
	Mod. No. 127	Mod. No. 128	Mod. No. 128
Cost	\$12,266,972	\$192,446	\$12,459,418
Fee	<u>573,998</u>	<u>7.554</u>	<u>581,552</u>
TOTAL CPFF	\$12,840,970	\$200,000	\$13,040,970
	2	ONTRACT SUMMARY	

	Amount through	Funded By	Amount through
	Mod. No. 127	Mod. No. 128	Mod. No. 128
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

					PAGE OF PAGES
	NDMENT OF SOLICITATION		ONTRACT	1. CONTRACT ID CODE	
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicat
	129	See Block 16C		DCO.1152	
6. ISSL	JED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
Na	ational Aeronautics and Space	Administration			
	angley Research Center	Auministration			
	ampton, VA 23681-0001				
	•				
8. NAM	E AND ADDRESS OF CONTRACTOR (No	o., street, county, State, and Zip C	ode) (x)	9A. AMENDMENT OF SOLI	CITATION NO.
D/	esearch Triangle Institute				
	tn: Scott Merrell			9B. DATED (SEE ITEM 11)	
	O. Box 12194			,	
Re	esearch Triangle Park, NC 277	709-2194		10A. MODIFICATION OF CO	ONTRACT/ORDER NO.
	-		X	NAS1-18925	
				10B. DATED (SEE ITEM 13)	)
CODE				6/21/89	
<u> </u>	11. THIS IT	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIC	NS
	he above numbered solicitation is amended				extended, is not extended
Jners n	nust acknowledge receipt of this amendme	nt prior to the nour and date speci	ned in the solicitat	ion or as amended, by one or th	ne rollowing methods:
RECEIV	ED AT THE PLACE DESIGNATED FOR T	HE RECEIPT OF OFFERS PRIO	R TO THE HOUR	AND DATE SPECIFIED MAT F	
OFFER makes r 12. AC	. If by virtue of this amendment you desire reference to the solicitation and this amend COUNTING AND APPROPRIATION DATA	to change an offer already submit ment, and is received prior to the (If required)	ted, such change opening hour and	may be made by telegram or let	itter, provided each telegram or le
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NAS1-18925 Modification No. 129 Page 2 of 2

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#### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$12,466,116 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,942 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

	Amount through	Funded By	Amount through
	Mod. No. 128	Mod. No. 129	Mod. No. 129
Cost	\$12,459,418	\$6,698	\$12,466,116
Fee	<u>581,552</u>	<u>390</u>	<u>581,942</u>
TOTAL CPFF	\$13,040,970	\$7,088	\$13,048,058
	<u>C</u>	ONTRACT SUMMARY	

	Amount through	Funded By	Amount through
	Mod. No. 128	Mod. No. 129	Mod. No. 129
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

		·	OMB A	pproval #: 2700-0042	
A 1400				1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLICITATION NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	1     2       5. PROJECT NO. (If applicable)
	130		+. REQUISI		J. FRUIEULINU. (II applicable)
6. ISSU		See Block 16C		See page 2 ERED BY (If other than Item 6)	CODE
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	ational Aeronautics and Spac	e Administration			
	angley Research Center				
Ha	ampton, VA 23681-0001				
O. INAM	IE AND ADDRESS OF CONTRACTOR (I	vo., street, county, State, and Zip Co	ode) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
0	accorde Triangle Institute				
	esearch Triangle Institute			98. DATED (SEE ITEM 11)	····
	tn: Scott Merrell			96. DATED (SEETTEM TT)	
	O. Box 12194				
Re	esearch Triangle Park, NC 27	709-2194		10A. MODIFICATION OF CO	INTRACT/ORDER NO.
				NAS1-18925	
				10B. DATED (SEE ITEM 13)	
CODE	FA	CILITY CODE		6/21/89	
	11. THIS I	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS
Π.	he above numbered solicitation is amend				
	nust acknowledge receipt of this amendm				
	•				J
	completing Items 8 and 15, and returning				
	eparate letter or telegram which includes VED AT THE PLACE DESIGNATED FOR				
	. If by virtue of this amendment you desir				
	reference to the solicitation and this amen		pening hour and	date specified.	•
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56	ee page 2				22522
		APPLIES ONLY TO MOD			•
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(x)	A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	PORSUANT TO: (Specify authority	) THE CHANGE	S SET FORTH IN THEM 14 ARE	MADE IN THE CONTRACT
X	B. THE ABOVE NUMBERED CONTRA				as changes in paying office
	appropriation date, etc.) SET FORTH IN				as changes in paying once,
	C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
	D. OTHER (Specify type of modification	n and authority)			
E. IMF	PORTANT: Contractor Xis not,	is required to sign this docume	nt and return	_copies to the issuing office.	· · · · · · · · · · · · · · · · · · ·
	SCRIPTION OF AMENDMENT/MODIFIC				
	ne purpose of this modificatio				
	3 to Task 58. See page 2 for				ropriation Data.
Ce	onsequently, the following ch	anges are hereby being r	nade to the	Contract Schedule:	
	1				
		(Continued on page 2)			
		(			
Except	as provided herein, all terms and conditio	ins of the document referenced in Ite	em 9A or 10A, as	heretofore changed, remains un	changed and in full force and effect.
	IAME AND TITLE OF SIGNER (Type or p			ND TITLE OF CONTRACTING	
			Darlen	e T. Baxter	
			Contra	cting Officer	
15B. C	CONTRACTOR/OFFEROR	15C. DATE SIGNED		STATES OF AMERICA	16C. DATE SIGNED
			1 16	1. Watt.	
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-	(Signature of person authorized to sign)	1		gnature of Contracting Øfficer)	110/10
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NAS1-18925 Modification No. 130 Page 2 of 2

#### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

(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 \$12,466,476 and covers the following period of performance: Contract award through November 21, 1998.
 (b) An additional amount of 581,582 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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#### FUNDING SUMMARY

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	Amount through	Funded By	Amount through
	Mod. No. 129	Mod. No. 130	Mod. No. 130
Cost	\$12,466,116	\$360	\$12,466,476
Fee	<u>581,942</u>	<u>-360</u>	<u>581,582</u>
TOTAL CPFF	\$13,048,058	\$0	\$13,048,058
	co	NTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 129	Mod. No. 130	Mod. No. 130
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

# ACCOUNTING APPROPRIATION DATA:

Transfer from Task 68 to Task 58

# BAA.0999;98;R22875;52224110900;\$4,888 (complete)

		<u>;</u>	0	MB Ap	oproval #: 2700-0042		
	NDMENT OF SOLICITATION/			т.	1. CONTRACT ID CODE	F	AGE OF PAGES
	NDMENT/MODIFICATION NO.	3. EFFECTIVE DATE			ON/PURCHASE REQ. NO.	5. PROJE	CT NO. (If applicable)
	131	See Block 16C			See page 2		( ,, , , , , , , , , , , , , , , , , ,
6. ISSL			7. ADM		ERED BY (If other than Item 6)	CODE	
La	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	Administration					
8. NAM	E AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	de)	(x)	9A. AMENDMENT OF SOLICI	TATION NO	<u> </u>
	esearch Triangle Institute						
	tn: Scott Merrell		4		9B. DATED (SEE ITEM 11)		
	O. Box 12194		-			TRACTION	
Re	esearch Triangle Park, NC 277	09-2194			10A. MODIFICATION OF COM	NTRACT/OR	DER NO.
				Х	NAS1-18925		
					10B. DATED (SEE ITEM 13)		
CODE					6/21/89		
<u></u>	11. THIS ITE	M ONLY APPLIES TO A	AMEND	MEN	NTS OF SOLICITATION	<u>1S</u>	<u> </u>
a subscription of the second s	he above numbered solicitation is amended					xtended,	is not extended.
Offers n	nust acknowledge receipt of this amendmen	t prior to the hour and date specifie	ed in the so	olicitati	on or as amended, by one of the	following me	thods:
RÉCÉIN OFFER makes 1 12. A	eparate letter or telegram which includes a VED AT THE PLACE DESIGNATED FOR T I. If by virtue of this amendment you desire t reference to the solicitation and this amendm CCOUNTING AND APPROPRIATION DAT/ DE PAGE 2	HE RECEIPT OF OFFERS PRIOR o change an offer already submitte nent, and is received prior to the op	TO THE H	IOUR	AND DATE SPECIFIED MAY RE may be made by telegram or lette	ESULT IN RE	JECTION OF YOUR
	13. THIS ITEM AI	PPLIES ONLY TO MOD	IFICATI	ONS	OF CONTRACTS/OR	DERS,	
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х	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I					s changes in	paying office,
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHO	DRITY	OF:		<u> </u>
	D. OTHER (Specify type of modification a	nd authority)	- <u>.</u>				
<u> </u>			t and rate		section to the inquing office		
14 DE	PORTANT: Contractor Sis not, is	required to sign this document	li and rell	um Includio	_copies to the issuing office.	tter where fe	asible.)
14. DC	he purpose of this modification	is to increase the increm	nental fi	Indir	on the subject contra	act by \$1(	4.300 (\$99.772
	r cost and \$4,528 for fee). Cor						
10		looquonay, ale lenenary	, on ang		o no. czy zoniej mado i	• • • • •	
		(Continued on page 2)					
	as provided herein, all terms and conditions						
15A. N	IAME AND TITLE OF SIGNER (Type or prin	0	Da	rlene	ND TITLE OF CONTRACTING C e T. Baxter		be or print)
		15C. DATE SIGNED			cting Officer		6C. DATE SIGNED
158. C	CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY	Un	Man Strette		VIII CX
NICH 7	(Signature of person authorized to sign) 540-01-152-8070		105	(3)	anature of Contracting Officer)	RD FOPM	<b>30</b> (Rev. 10-83)
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#### Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows: Α.

"(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 \$12,566,248 and covers the following period of performance: Contract award through November 21, 1998.
 (b) An additional amount of \$586,110 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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#### FUNDING SUMMARY

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	Amount through	Funded By	Amount through
	Mod. No. 130	Mod. No. 131	Mod. No. 131
Cost	\$12,466,476	\$99,772	\$12,566,248
Fee	<u>581,582</u>	<u>4,528</u>	<u>586,110</u>
TOTAL CPFF	\$13,048,058	\$104,300	\$13,152,358
	<u>co</u>	NTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 130	Mod. No. 131	Mod. No. 131
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

# ACCOUNTING AND APPROPRIATION DATA:

DIH.1444;98;R23643;25880000100;\$84,900; (Complete)(Task 67) DIH.1446;98;R23636;54881110300;\$19,400;(Complete)(Task 63)

		1	ОМВ	Approval #: 27	700-0042			
					CT ID CODE			F PAGES
	NDMENT OF SOLICITATION/I ENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE				5 00015		2
2. AM	132	See Block 16C	4. REQUIS	TION/PURCHAS	1	5. PROJEC		(# applicable)
6. ISS	UED BY CODE			See page	2 [ ther than Item 6)	CODE	T	
						0002	L	
La	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	Administration						
8. NAM	ME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	de) (x	9A. AMEND	MENT OF SOLICIT	ATION NO.		<u> </u>
D	esearch Triangle Institute							
	ttn: Scott Merrell			98 DATED	(SEE ITEM 11)			
	. O. Box 12194				(022//2////////////////////////////////			
	esearch Triangle Park, NC 2770	09-2194		10A. MODIF	ICATION OF CON	TRACT/OR	DER N	
			x	NAS1	-18925			
				108. DATE	C (SEE ITEM 13)			
CODE	FACI	LITY CODE		6/21/8	39			
	11. THIS ITE	M ONLY APPLIES TO	AMENDME	INTS OF SC	DLICITATION	S		
	The above numbered solicitation is amended	as set forth in Item 14. The hour a	and date specif	ied for receipt of	Offers is ext	tended,	is n	ot extended.
makes 12. AC		If required) PPLIES ONLY TO MOD THE CONTRACT/ORD JRSUANT TO: (Specify authority) T/ORDER IS MODIFIED TO REFL	IFICATION ER NO. AS THE CHANG	IS OF CON DESCRIBI ES SET FORTH	TRACTS/ORI ED IN ITEM 1 IN ITEM 14 ARE M	DERS, 4. ADE IN THE		FRACT
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORIT	Y OF:				
	D. OTHER (Specify type of modification a	nd authority)		<u></u>				
F IM	PORTANT: Contractor Vis not, I is	required to sign this documen	t and return	conies to the	e issuing office.			
TI fre	ESCRIPTION OF AMENDMENT/MODIFICAT he purposes of this modification om cost and \$0 from fee), and to re hereby being made to the Co	are to deobligate exces o transfer \$1,148 from fo	ss funding	from Task 5	6 in the amou	int of \$2,	500 (	
<b>C</b>			- 04 101	hamistar				
	as provided herein, all terms and conditions IAME AND TITLE OF SIGNER (Type or print				CONTRACTING OF			
		,	Darler	ne T. Baxter				*
				acting Office				
158. C	CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	D STATES OF AL	MERICA PAL	$\mathcal{K}$	5C. DA'	TE SIGNED
	(Signature of person authorized to sign)			Signature of Conti			1É	+3/45
-	540-01-152-8070 OUS EDITION UNUSABLE	30-	105				30⁄ (Re	ev. 10-83)
PREVI	OUS EDITION UNUSABLE				Prescribed t FAR (48 CF			

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NAS1-18925 Modification No. 132 Page 2 of 2

## A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$12,564,896 and covers the following period of performance: Contract award through November 21, 1998.
 (b) An additional amount of 584,962 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

#### 

#### FUNDING SUMMARY

	Amount through	Funded By	Amount through
	Mod. No. 131	Mod. No. 132	Mod. No. 132
Cost	\$12,566,248	-\$1,352	\$12,564,896
Fee	<u>586,110</u>	<u>-\$1,148</u>	<u>584,962</u>
TOTAL CPFF	\$13,152,358	-\$2,500	\$13,149,858
	<u>cc</u>	NTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 131	Mod. No. 132	Mod. No. 132
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

# ACCOUNTING APPROPRIATION DATA: DCO.1096;97;R20708;505641258;-\$2,500;(Complete)(Task 56)

Transfer from Fee to Cost - Task 62

DIH.1398;98;R19732;538041115;1,148;(Complete)(Task 62 from fee to cost)

		;	OME	3 Ap	proval #: 2700-0042			
					1. CONTRACT ID CODE	1		FPAGES
AMENDMENT OF SOLICIT								2
2. AMENDMENT/MODIFICATION NO.	3.	EFFECTIVE DATE	4. REQUI		N/PURCHASE REQ. NO.	5. PROJEC	I NO.	(If applicable
133 USSUED BY		See Block 16C	7. 404444		See page 2 RED BY (If other than Item 6)		<u> </u>	
				1315	RED BT (II outer utar item of	CODE	L	
National Aeronautics and Langley Research Cente Hampton, VA 23681-00	r	ministration						
NAME AND ADDRESS OF CONTRA	CTOR (No., st	reet, county, State, and Zip C	ode) (1	x)	9A. AMENDMENT OF SOLIC	TATION NO.		
Pasaarah Triangla Institu	uto.							
Research Triangle Institu Attn: Scott Merrell	ile i			ŀ	9B. DATED (SEE ITEM 11)			·
P. O. Box 12194								
	NC 07700	2104			10A. MODIFICATION OF CO			<u></u>
Research Triangle Park,	NC 2//U9	-2194		хİ	NAS1-18925			2.
			1	^	NAS1-10925			
				ŀ	10B. DATED (SEE ITEM 13)			
CODE	FACILIT	YCODE			6/21/89			
					TS OF SOLICITATION	19		
The above numbered solicitation						xtended,	7	ot extended.
IT MC	you desire to chis amendmeni ION DATA (If r ITEM APP DDIFIES TH ISSUED PURS CONTRACT/O CORTH IN ITEM SREEMENT IS Ddiffication and not, is red	hange an offer already submit t, and is received prior to the off equired) LIES ONLY TO MOE HE CONTRACT/ORE SUANT TO: (Specify authority) RDER IS MODIFIED TO REF 14, PURSUANT TO THE AL ENTERED INTO PURSUANT authority) guired to sign this docume	DIFICATIO DIFICATIO DER NO. A W) THE CHANG CLECT THE AD JTHORITY OF TO AUTHOR		ay be made by telegram or lett ate specified. OF CONTRACTS/OF DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE I STRATIVE CHANGES (such a 43.103(b). DF:	er, provided ea RDERS, 14. MADE IN THE s changes in p	CONT	office,
The purpose of this mod assignment amounts. Th changes are hereby beir xcept as provided herein, all terms an 5A. NAME AND TITLE OF SIGNER (	e total cos ig made to (C t conditions of t	t plus fixed-fee amou the Contract Schedu Continued on page 2)	em 9A or 10A. 16A. NAME Darle Cont	as h E AN ene	\$13,149,858. Conset	quently, th hanged and in FFICER (Type	full fo	lowing
			BY	i.		20	13	0148
(Signature of person authorized NSN 7540-01-152-8070	ାର ଅଣ୍ଡା (	1	)-105	USIG		RD FORM	10 (Re	y 10-83)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		J.	-100		Prescribed		au (ne	

NAS1-18925 Modification No. 133 Page 2 of 3

#### A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$12,570,774 and covers the following period of performance: Contract award through November 21, 1998.

, (b) An additional amount of 579,084 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# FUNDING SUMMARY

1

	Amount through	Funded By	Amount through
	Mod. No. 132	Mod. No. 133	Mod. No. 133
Cost	\$12,564,896	\$5,878	\$12,570,774
Fee	<u>584,962</u>	<u>-\$5,878</u>	<u>579,084</u>
TOTAL CPFF	\$13,149,858	\$0	\$13,149,858
- -	<u>cc</u>	NTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 132	Mod. No. 133	Mod. No. 133
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_0	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

# ACCOUNTING APPROPRIATION DATA:

# Make the following transfer of funding:

<u>From</u> Task No.	<u>To</u> Task No.	Amount	<u>Line</u> Item	
41	37	8,325.80		317
41	53	21,934.20		265/ <b>317</b>
41	42	1,275.70		317
41	7	13,240.10		317
46	38	33,033.70		313/280/314
46	50	10,577.90		314
46	7	4,265.80		314
48	43	14,848.10		319
48	44	147.80		319
48	45	159.90		319
48	55	265		319
48	7	9,990.50		<b>319</b> /263
56	39	2,598.30		276

				pproval #: 2700-0042	
				1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLICITATION/M NDMENT/MODIFICATION NO.	IODIFICATION OF CC 3. EFFECTIVE DATE		ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	134	See Block 16C	4. REQUISIT	DIH.1384	5. PROJECT NO. (IT applicable)
B. ISSU			7. ADMINIST	ERED BY (If other than Item 6)	CODE
La	ational Aeronautics and Space Angley Research Center ampton, VA 23681-0001	Administration			
. NAM	E AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Co	ode) (x)	9A. AMENDMENT OF SOLI	CITATION NO.
Ati P.	esearch Triangle Institute tn: Scott Merrell O. Box 12194 esearch Triangle Park, NC 2770	9-2194		9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF C	
			X	NAS1-18925	
				10B. DATED (SEE ITEM 13	)
CODE		ITY CODE		6/21/89	
	11. THIS ITE	ONLY APPLIES TO	AMENDMEN	NTS OF SOLICITATIC	DNS
	he above numbered solicitation is amended a nust acknowledge receipt of this amendment				extended, is not extended.
RÉCEIV OFFER nakes r 2. AC	ED AT THE PLACE DESIGNATED FOR TH If by virtue of this amendment you desire to reference to the solicitation and this amendm COUNTING AND APPROPRIATION DATA ( H.1384;98;H15275;537082221)	change an offer already submitt ant, and is received prior to the o f required) \$54,500;(Complete)(O	R TO THE HOUR ed, such change ppening hour and bligate) Tasi	AND DATE SPECIFIED MAY may be made by telegram or le date specified. k 60	RESULT IN REJECTION OF YOUR atter, provided each telegram or letter
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RÉCÈIV OFFER makes r 12. ACU DI (x) (x) X E. IMF 14. DE 14. DE Th \$2 Except 15A. N 15B. C	YED AT THE PLACE DESIGNATED FOR TH If by virtue of this amendment you desire to reference to the solicitation and this amendme COUNTING AND APPROPRIATION DATA ( H.1384;98;H15275;537082221; 13. THIS ITEM AP IT MODIFIES A. THIS CHANGE ORDER IS ISSUED PU ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT D. OTHER (Specify type of modification ar PORTANT: Contractor ⊠is not, □ is SCRIPTION OF AMENDMENT/MODIFICATION the purpose of this modification is 2,036 for fee). Consequently, th as provided herein, all terms and conditions of AME AND TITLE OF SIGNER (Type or print)	E RECEIPT OF OFFERS PRIOF change an offer already submitt ent, and is received prior to the of f required) \$54,500;(Complete)(O PLIES ONLY TO MOD THE CONTRACT/ORD RSUANT TO: (Specify authority (ORDER IS MODIFIED TO REFI EM 14, PURSUANT TO THE AU IS ENTERED INTO PURSUANT of authority) required to sign this document on (Organized by UCF section) is to provide incrementa e following changes ar (Continued on page 2) of the document referenced in Ite 15C. DATE SIGNED	TO THE HOUR and, such change pening hour and bligate) Tas DIFICATIONS ER NO. AS DIFICATIONS ER	AND DATE SPECIFIED MAY may be made by telegram or le date specified. k 60 S OF CONTRACTS/O DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARI NISTRATIVE CHANGES (such R 43.103(b). OF: 	RESULT IN REJECTION OF YOUR ther, provided each telegram or letter PRDERS, A 14. E MADE IN THE CONTRACT as changes in paying office, as changes in pay

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NAS1-18925 Modification No. 134 Page 2 of 3

# A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(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 \$12,623,238 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,120 is obligated under this contract for payment of fee."

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All other terms and conditions remain unchanged.

*******	****	******	********
	FL	JNDING SUMMARY	~
	Amount through	Funded By	Amount through
	Mod. No. 133	Mod. No. 134	Mod. No. 134
Cost	\$12,570,774	\$52,464	\$12,623,238
Fee	<u>579,084</u>	<u>2.036</u>	<u>581,120</u>
TOTAL CPFF	\$13,149,858	\$54,500	\$13,204,358
	<u>C</u>	ONTRACT SUMMARY	
	Amount through	Funded By	Amount through
	Mod. No. 133	Mod. No. 134	Mod. No. 134
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

			;	ON	/B A	pproval #: 2700-0042			
						1. CONTRACT ID CODE			FPAGES
	NDMENT OF SOLICIT		DIFICATION OF CC			ON/PURCHASE REQ. NO.		1 CT NO	(If applicable)
	135	3.	See Block 16C	-	11011	DCO.1195			<i>oppiedole</i> ,
. ISSL	JED BY	CODE		7. ADMI	NIST	ERED BY (If other than Item 6)	CODE		
La	ational Aeronautics and angley Research Center ampton, VA 23681-000		ministration						
	E AND ADDRESS OF CONTRA	CTOR (No., str	eet, county, State, and Zip C	ode)	(x)	9A. AMENDMENT OF SOLICI	TATION NO		
-		L.a.							
	esearch Triangle Institu	le		1		9B. DATED (SEE ITEM 11)			
	tn: Scott Merrell O. Box 12194								
	esearch Triangle Park,	NC 27700-	2104	F		10A. MODIFICATION OF CON	ITRACT/OR	DER N	<b>D</b> .
		NC 21103-	2134		х	NAS1-18925			
						10B. DATED (SEE ITEM 13)			
CODE		FACILIT	CODE			6/21/89			
	11. T	HIS ITEM	ONLY APPLIES TO	AMEND	MEN	NTS OF SOLICITATION	IS		
	he above numbered solicitation is						ktended,		ot extended.
Offers r	nust acknowledge receipt of this a	amendment pri	or to the hour and date specif	fied in the so	licitati	on or as amended, by one of the	following me	ethods:	
RECEIN OFFER nakes 12. AC	VED AT THE PLACE DESIGNAT	ED FOR THE F ou desire to ch his amendment ON DATA (If re	RECEIPT OF OFFERS PRIO ange an offer already submit , and is received prior to the equired)	R TO THE H tted, such ch opening hour	IOUR ange r and		SULT IN RE	EJECTIO	ON OF YOUR
						S OF CONTRACTS/OR	DERS.		
	IT MO	DIFIES TH	IE CONTRACT/ORE	DER NO.	AS	<b>DESCRIBED IN ITEM 1</b>	14.		
(x)	A. THIS CHANGE ORDER IS ORDER NO. IN ITEM 10A.	SSUED PURS	UANT TO: (Specify authorit)	Y) THE CHA	NGE	S SET FORTH IN ITEM 14 ARE N	ADE IN TH	E CON	TRACT
Х	B. THE ABOVE NUMBERED ( appropriation date, etc.) SET F					NISTRATIVE CHANGES (such as R 43.103(b).	s changes in	paying	office,
	C. THIS SUPPLEMENTAL AG	REEMENT IS	ENTERED INTO PURSUANT	T TO AUTHO	RITY	OF:			
	D. OTHER (Specify type of mo	dification and a	authority)						
E. IMI	PORTANT: Contractor Xis	not. 🗌 is rec	uired to sign this docume	ent and retu	Im	copies to the issuing office.			
14. DE	SCRIPTION OF AMENDMENT/	ODIFICATION	(Organized by UCF section	headings, in	cludir	ng solicitation/contract subject mai			
						the amount of \$10,400 g made to the Contract			ost and
		(C	continued on page 2)	)					
_			he document referenced in It	em 9A or 10	A, as	heretofore changed, remains uncl ND TITLE OF CONTRACTING O	hanged and	in full fo	arce and effec
15A. N	IAME AND TITLE OF SIGNER (1	ype or print)		Da	len	e T. Baxter cting Officer		pe or pr	nny
15B. C	CONTRACTOR/OFFEROR		15C. DATE SIGNED			STATES OF AMERICA	n	16C. DA	TE SIGNED
	(Signature of person authorized	to sign)	1	$\uparrow$	(Ŝi	gnature of Contracting Officer)		10	10/70
	540-01-152-8070 OUS EDITION UNUSABLE		30	0-105		Prescribed	RD FORM by GSA FR) 53.243	30 (R	ev. 10-83)
				. —					
				LE					

NAS1-18925 Modification No. 135 Page 2 of 3

# Under paragraphs A. and B. of H.2, <u>CONTRACT FUNDING</u>, revise as follows:

"(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 \$12,633,331 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,427 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

## FUNDING SUMMARY

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	Amount through Mod. No. 134	Funded By Mod. No. 135	Amount through Mod. No. 135						
Cost Fee TOTAL CPFF	\$12,623,238 	\$10,093 <u>307</u> \$10,400	\$12,633,331 <u>581,427</u> \$13,214,758						
CONTRACT SUMMARY									
	Amount through Mod. No. 134	Funded By Mod. No. 135	Amount through Mod. No. 135						
Cost Fee TOTALCPFF	\$12,833,904 <u>600,000</u> \$13,433,904	\$0 _0 \$0	\$12,833,904 <u>600,000</u> \$13,433,904						

Α.

	1	OMP	} ∆n	proval #: 2700-0042			
			<u>,                                    </u>	1. CONTRACT ID CODE	P,	AGE O	FPAGES
AMENDMENT OF SOLICITATION/					1		2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUIS	SITIC	DN/PURCHASE REQ. NO.	5. PROJEC	T NO.	(If applicable)
136	See Block 16C			DIH.1469	0005	·	
ISSUED BY CODE			ISTE	RED BY (If other than Item 6)	CODE	L	· · · · · · · ·
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration						
NAME AND ADDRESS OF CONTRACTOR (No	, street, county, State, and Zip Co		x)	9A. AMENDMENT OF SOLICI	TATION NO.		
Research Triangle Institute			ļ				
Attn: Scott Merrell			9B. DATED (SEE ITEM 11)				
P. O. Box 12194							
Research Triangle Park, NC 277	09-2194			10A. MODIFICATION OF CON	ITRACT/OR	JER NO	ر.
-	>	×	NAS1-18925				
				10B. DATED (SEE ITEM 13)			<u>, , , , , , , , , , , , , , , , , , , </u>
	ILITY CODE			6/21/89			
11. THIS ITE	MONLY APPLIES TO	AMENDM	IEN	ITS OF SOLICITATION	IS		
The above numbered solicitation is amended	as set forth in Item 14. The hour	and date spec	cified	for receipt of Offers is ex	ctended,	lisn	ot extended.
IT MODIFIES (X) A. THIS CHANGE ORDER IS ISSUED P ORDER NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN C. THIS SUPPLEMENTAL AGREEMENT	T/ORDER IS MODIFIED TO REF TEM 14, PURSUANT TO THE AL T IS ENTERED INTO PURSUANT	DER NO. A y) THE CHAN ELECT THE AD UTHORITY OF		SET FORTH IN ITEM 14 ARE N SET FORTH IN ITEM 14 ARE N IISTRATIVE CHANGES (such a R 43.103(b).	14. MADE IN THE		
D. OTHER (Specify type of modification	and authority)						
E. IMPORTANT: Contractor Sis not,	s required to sign this docume	ent and return	n	copies to the issuing office.			
<ol> <li>DESCRIPTION OF AMENDMENT/MODIFICA The purpose of this modification for fee). Consequently, the follo</li> </ol>	is to provide increment	al funding	in	the amount of \$7,800 (	\$7,648 fo	asidie.,	t and \$15
	(Continued on page 2)	)					
Except as provided herein, all terms and condition	s of the document referenced in It	tem 9A or 10A,	, as I	heretofore changed, remains unc	hanged and	in full f	orce and effect
15A. NAME AND TITLE OF SIGNER (Type or pri		16A. NAM	IE A	ND TITLE OF CONTRACTING C	FFICER (Ty	pe or p	rint)
		1 / 1	1	e T. Baxter			
						<u> </u>	THE SIGNED
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY	À		D	///	13/48
(Signature of person authorized to sign) NSN 7540-01-152-8070	3	0-105	101	OTANDA	RD FORM	30 (#	ev. 10-83)
PREVIOUS EDITION UNUSABLE	-			Prescribed FAR (48 C	t by GSA (FR) 53.243	۲. ۲. ۳.	
					E F i i	ĹĹ.	COP

NAS1-18925 Modification No. 136 Page 2 of 3

# A. Under paragraphs A. and B. of H.2, <u>CONTRACT FUNDING</u>, revise as follows:

"(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 \$12,640,979 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,579 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

# FUNDING SUMMARY

	Amount through Mod. No. 135	Funded By Mod. No. 136	Amount through Mod. No. 136					
Cost	\$12,633,331	\$7,648	\$12,640,979					
Fee	<u>581,427</u>	<u>152</u>	<u>581,579</u>					
TOTAL CPFF	\$13,214,758	\$7,800	\$13,222,558					
	CONTRACT SUMMARY							
	Amount through	Funded By	Amount through					
	Mod. No. 135	Mod. No. 136	Mod. No. 136					
Cost	\$12,833,904	\$0	\$12,833,904					
Fee	<u>600,000</u>	_ <u>0</u>	<u>600,000</u>					
TOTALCPFF	\$13,433,904	\$0	\$13,433,904					

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