CONTRACT NAS1-19385 (Modifications)

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

- Estimated Cost, Award Fee, Fixed Fee and Level of Effort Hours;
- Key personnel names.

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

Regarding the names of key personnel withheld from the contract, disclosure of such information, which was submitted to the Government in confidence, would allow potential competitors to benefit from the company's efforts to build up a highly successful management team which possesses unique experience and expertise. Such information is not readily available upon request by a third party.

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

			ОМ	BΑρ	oproval #: 2700-0042			
AMENDMENT OF SOLICITAT		ODIEICATION OF CO	NTRAC	т	1. CONTRACT ID CODE		PAGE O	FPAGES
2. AMENDMENT/MODIFICATION NO.	1011/1	3. EFFECTIVE DATE	4. REQU	JISITI	ON/PURCHASE REQ. NO.	1.5 PRO	JECT NO	(If applicable)
50	1	4/16/98	ļ	S	See Block 12)	3201 110.	(п аррисация)
6. ISSUED BY	CODE	126	7. ADMII	NIST	ERED BY (If other than Item 6)	CODE		
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National Aeronautics and S	pace A	Administration						
Langley Research Center	•		}					
Hampton, VA 23681-0001			İ					
·								
8. NAME AND ADDRESS OF CONTRACT	OR (No.,	street, county, State, and Zip Coo	de)	(x)	9A. AMENDMENT OF SOLI	ITATION N	10 .	
Calspan Advanced Technol	ogy Ce	enter						
Attn: Thomas W. Beck	•							
Senior Contracts Mar	nager				9B. DATED (SEE ITEM 11)			
P. O. Box 400	3			- 1				
4455 Genesee Street			-		10A. MODIFICATION OF CO	NTRACT/C	ORDER NO	5.
Buffalo, NY 14225				хİ	NAS1-19385			
54.14.0, 771 1 , 220				^	11/10/1-13000			
			1	1	10B. DATED (SEE ITEM 13)			
CODE	LEACIL	ITY CODE		1				
	1				6-22-91			
11. THIS	SHEN	ONLY APPLIES TO A	MENDM	<u>IEN</u>	TS OF SOLICITATIO	NS		
The above numbered solicitation is an	nended a	s set forth in Item 14. The hour a	and date spe	cified	for receipt of Offers is	extended.	is no	ot extended.
Offers must acknowledge receipt of this ame	endment (prior to the hour and date specifie	ed in the solic	citatio	on or as amended, by one of the	following :	methods:	
(a) By completing Items 8 and 15, and return	nina	copies of the amendment: (b) E	3v acknowle	daina	receipt of this amendment on	each conv	of the offer	eubmitted: or
(a) By completing Items 8 and 15, and return (c) By separate letter or telegram which inch RECEIVED AT THE PLACE DESIGNATED DESER If by virtue of this argentment you.	ides a ref	erence to the solicitation and am	endment nu	mber	S. FAILURE OF YOUR ACKNO	WLEDGE	MENT TO	BE
						ESULT IN	REJECTIO	ON OF YOUR
makes reference to the solicitation and this a	imename	int. and is received onor to the on	ening hour a	and d	ate specified.	er, provide	a cacar tere	grani or letter
12. ACCOUNTING AND APPROPRIATION DAE.1197, \$89.420 R22820	DATA (II	required)						
IS. IMISTIE	IVI API	PLIES ONLY TO MODI	FICATIO	NNS	OF CONTRACTS/OF	RDERS,		
	1 631	HE CONTRACT/ORDE	R NO. A	1S L	DESCRIBED IN ITEM	14.		
(x) A. THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A.	020 201	RSUANT TO: (Specify authority)	THE CHAN	IGES	SELFORTH IN ITEM 14 ARE	MADE IN T	HE CONT	RACT
X B. THE ABOVE NUMBERED COM	TRACT/	ORDER IS MODIFIED TO REFL	ECT THE AC	DMIN	ISTRATIVE CHANGES (euch	e chances	in caving	office
appropriation date, etc.) SET FOR	TH IN ITE	M 14, PURSUANT TO THE AUT	HORITY OF	FAF	8 43.103(b).	is changes	in paying t	Jince,
C. THIS SUPPLEMENTAL AGRE	EMENT IS	S ENTERED INTO PURSUANT	TO AUTHOR	RITY (OF:			
								i
D. OTHER (Specify type of modified	ation and	d authority)						
								<i>‡</i>
E. IMPORTANT: Contractor is not,	Xisr	equired to sign this documen	t and returi	n <u>3</u>	copies to the issuing office	æ.		
14. DESCRIPTION OF AMENDMENT/MOD	DIFICATION	ON (Organized by UCF section he	eadings, incl	luding	solicitation/contract subject m	atter where	feasible.)	
								1/
The purpose of this modifica	ation is	to increase the increm-	ental fun	iding	 g. Accordingly, the fo 	llowing o	changes	s are
made to the Contract Sched	lule:						_	
					•			
		· 1				:		
		(CON	TINUED))				
		(33.1	,	•	`			
Except as provided herein, all terms and con		the document referenced in Item	9A or 10A,	as h	eretofore changed, remains un	changed an	d in full for	ce and effect.
15A. NAME AND TITLE OF SIGNER (Type					D TITLE OF CONTRACTING			
				ļ	İ	·		
Thomas W. Beck, Senior Co	ontract	s Manager	Rich	arď	C, Shister			
158 CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNIT				16C. DAT	TE SIGNED
		i i	, , , , , , , , , , , , , , , , , , ,	//	$I = I \cap I$	1	414.0100	
(Signature of person authorized to a	(00)	<u> </u>	BY	1500	Saura of Codeman - 04		4/16/98	
(Signature of person authorized to si NSN 7540-01-152-8070	·A)		05	1319/	fature of Contracting/Officer)	00.555	14 20 (D-	v 10-83\
PREVIOUS EDITION UNUSABLE		30-1				RD FOR	M 20 (KG	v. 10-05/
						FR) 53 24:	3	

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A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect an increase in funding in the amount of \$89,420, of which is added to cost, and is added to fee.

"H.3 CONTRACT FUNDING" (NASA 18-52.232-81) (MAR 1989)

- (a) For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through April 30, 1998.
- (b) An additional amount of is obligated under this contract for payment of fee."
- B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	['] 0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	0	
Mod. 19				0	0	
					Page 2 of 3	

NAS1-19385 Modification No. 50

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0	(107,200)	
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*Includes for cost and for fee.

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NASA CONTRACTS

P.02

			OME!	Oproval #: 2700-004				
AMENDMENT OF	SOLICITATION/	MODIFICATION OF C		1. CONTRACT ID O		PAGE OF PAGES		
AMENDMENT/MODIFR	CATION NO.	J. EFFECTIVE DATE	4. REQUISI	HONPUNCHASE REO.	NO. E.	PROJECT NO. (If appleable		
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National Aerone Langley Resear Hampton, VA 2		Administration						
NAME AND ADDRESS	OF CONTRACTOR (AG.	, street, county, State, and Zip (>ode) (<u>z)</u>	NA AMENDMENT O	E BOLKSTYAY	(A) (A)		
Attn: Thomas V		Center			-			
P. O. Box 400	intracts Manager			B. DATED (SEE ITE	EM 11)			
4455 Genesee S	Street		 	16A MODIFICATION	OF CONTRA	ST/ORDER NO.		
Buffalo, NY 142	25		×	NAS1-1938				
SOE	I PARI	The Caracas and Ca		100. DATED ISSETT	EM 13)			
~c		LITY CODE	AMENIBAGE	6-22-01				
The charge and the charge		M ONLY APPLIES TO						
ina spova unupated unupated	i ececusion is emended : ecelpt of this amendment	as set forth in item 14. The hou prior to the hour and date spec	r and date specific Hed in the solicites	of for receipt of Offers	le extend	led. is not extended.		
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NASA CONTRACTS

P. 03

- A. Section B. B.3, Estimated Cost, Award Fee and Fixed Fee, Paragraph A, contained therein is hereby replaced by the following to include the cost associated with this extension. The total increase in cost is and the total fixed fee is increased by
 - "B.3 Estimated Cost, Award Fee and Fixed Fee
- A. The estimated cost of the contract is a second of the award fee of the award fee of the stimated cost, award fee and fixed fee is \$12,807,695."
- B. Section F, F.2, Period of Performance, is hereby replaced by the following:
 - "F.2 Period of Performance (NASA 18-52.212-74) (DEC 1988)

The period of performance shall be approximately 76 months from the effective date of this contract through April 30, 1998."

C. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect an increase in funding in the amount of the all of which is added to cost.

"H.3 CONTRACT FUNDING" (NASA 18-52,232-81) (MAR 1989)

- (a) For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through April 10, 1998.
- (b) An additional amount of is obligated under this contract for payment of fee."

3

D. Section J. Exhibit F - Subcontract Plan, is hereby revised to include the associated revisions to the Subcontracting Plan, which add subcontracting goals applicable to the approximately 4-month extension which shall be provided by the Contractor subsequent to the execution of this modification.

All other terms and conditions shall remain unchanged	All	other	terms	and	conditions	shall	remain	unchange	đ.
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Page 2 of 4 NAS1-19385 Modification No. 49

CONTRACT TABULATION

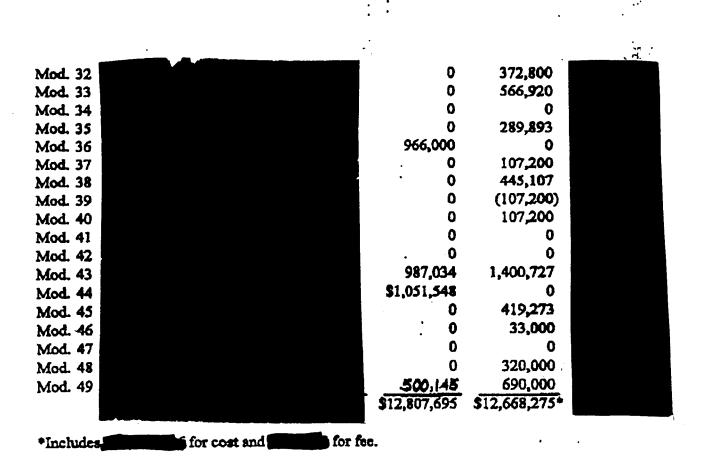
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					0	169,380	

Page 3 of 4 NAS1-19385 Modification No. 49

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P. 05



NASA CONTRACTS

Page 4 of 4 NAS1-19385 Modification No. 49

		OMB A	Approval #: 2/0042	
AMENDMENT OF SOLICITATIO	N/MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		TION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY COL	October 20, 1997	7 ADMINIS	TERED BY (If other than Item 6)	CODE
G. 100020 01	126	/. ADMINIS	TERED BY (If Other than item of	COOL
National Aeronautics and Space	e Administration			
Langley Research Center	oc / tarrimod adom	1		
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR	• • • • • • • • • • • • • • • • • • • •	de) (x)	9A. AMENDMENT OF SOLIC	STATION NO.
Calspan Advanced Technology Attn: Thomas Beck	Center			
Senior Contracts Manag	ar		9B. DATED (SEE ITEM 11)	
P. O. Box 400	GI .		,	
4455 Genesee Street		<u> </u>	10A. MODIFICATION OF CO	NTRACT/ORDER NO.
Buffalo, NY 14225		l X	NAS1-19385	
			10B. DATED (SEE ITEM 13)	
	ACILITY CODE		6-22-91	
11. THIS I	TEM ONLY APPLIES TO A	MENDME	NTS OF SOLICITATION	NS
The above numbered solicitation is amend				extended, is not extended.
Offers must acknowledge receipt of this amendo	•		• •	•
(a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes	copies of the amendment; (b)	By acknowledgir endment numbi	ng receipt of this amendment on e ers. FAILURE OF YOUR ACKNO	each copy of the offer submitted; or OWLEDGEMENT TO BE
RECEIVED AT THE PLACE DESIGNATED FOR	R THE RECEIPT OF OFFERS PRIOR	TO THE HOUR	RAND DATE SPECIFIED MAY RI	ESULT IN REJECTION OF YOUR
OFFER. If by virtue of this amendment you desi makes reference to the solicitation and this amen	ndment, and is received prior to the o	pening hour and	date specified.	
12. ACCOUNTING AND APPROPRIATION DA DAE.1121, \$320,000 (Comple				·
	APPLIES ONLY TO MOD	FICATION	S OF CONTRACTS/OF	RDERS,
	S THE CONTRACT/ORDI			
(x) A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT
X B. THE ABOVE NUMBERED CONTR				is changes in paying office,
appropriation date, etc.) SET FORTH I				
o. This doll Edwarf Acrea in	arrio ciri citabiliti o romooriiti			
D. OTHER (Specify type of modification	n and authority)			
E. IMPORTANT: Contractor Xis not.	is required to sign this document	and return	copies to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFIC	CATION (Organized by UCF section h	eadings, includii		
The purpose of this modification			ng pursuant to the Cont	ract Funding clause of
the contract. Accordingly, the	contract is modified as folio	JW5.		
A. Section H, H.3, Contract Fu	inding, is hereby replaced	by the follo	wing to reflect an increa	ase in funding in the
amount of \$320,000 of which	is added to cost	and T	is added to fee.	
Except as provided herein, all terms and condition				
15A. NAME AND TITLE OF SIGNER (Type or p	nnt)	IOA. NAME A	ND TITLE OF CONTRACTING O	render (Type or print)
		STANL	EY W. WARD	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED	STAZES OF AMERICA	16C. DATE SIGNED
		BY /	Mer-Clife 12/3	en! m/s.ha
(Signature of person authorized to sign)			gnature of Contracting Officer)	16117/
NSN 7540-01-152-8070	30-	105		ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE			Prescribed FAR (48 C	1 by GSA (FR) 53.243

• "H.3 CONTRACT FUNDING" (NASA 18-52.232-81) (MAR 1989)

- (a) For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through December 21, 1997.
- (b) An additional amount of see." is obligated under this contract for payment of fee."
- B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic	_			\$3,292,000	\$437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	:
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
				,		

Page 2 of 3 NAS1-19385 Modification No. 48

Mod 24	2 602 000	709 700	
Mod. 24	3,692,000	708,700	
Mod. 25	0	0	
Mod. 26	0	0	
Mod. 27	0	1,516,780	
Mod. 28	0	0	
Mod. 29	0	50,000	
Mod. 30	0	0	
Mod. 31	0	169,380	
Mod. 32	0	372,800	
Mod. 33	0	566,920	
Mod. 34	0	0	
Mod. 35	0	289,893	
Mod. 36	966,000	0	
Mod. 37	0	107,200	
Mod. 38	0	445,107	
Mod. 39	0	(107,200)	
Mod. 40	0	107,200	
Mod. 41	0	0	
Mod. 42	0	0	
Mod. 43	987,034	1,400,727	
Mod. 44	\$1,051,548	0	
Mod. 45	0	419,273	
Mod. 46	0	33,000	
Mod. 47	0	0	
Mod. 48	Ô	270,000	
1,100. 10	\$12,307,550	\$11,978,275*	
	Ţ.a,c . ,c	Ţ,,, , ,, ,, ,,	

^{*}Includes for cost and for fee.

		OMB A	pproval #: 2700-0042		
AMENDMENT OF COLICITATION	MACRIFICATION OF CO	NTDAOT	1. CONTRACT ID CO	DE	PAGE OF PAGES
AMENDMENT OF SOLICITATION 2 AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		101110111011110		3
47	November 1, 1997	4. REGUISH	ION/PURCHASE REQ. 1	NO. 3.	PROJECT NO. (If applicable)
6. ISSUED BY CODE		7 ADMINIST	ERED BY (If other than I	Item 61	CODE
	120	1	ENCO OT IN Other than I		
National Aeronautics and Space	Administration	[
Langley Research Center					
Hampton, VA 23681-0001					
		1			
8. NAME AND ADDRESS OF CONTRACTOR (A	o., street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF	SOLICITAT	FION NO.
Calspan Advanced Technology	Center				
Attn: Thomas Beck			•		
Senior Contracts Manage	r		9B. DATED (SEE ITE	M 11)	
P. O. Box 400	•	1	· ·	,	
			10A. MODIFICATION	OF CONTR	ACT/ORDER NO
4455 Genesee Street			1		AOTONDER NO.
Buffalo, NY 14225		X	NAS1-19385)	
		ı	10B. DATED (SEE IT	EM 13)	
CODE FA	CILITY CODE		6-22-91		
11 THIS IT	EM ONLY APPLIES TO A	MENDMEN		ATIONS	
	LIN ONE! ALLEG TO	MAICHONICI	110 01 0021017	7	
The above numbered solicitation is amende		•	· •	is exten	,
Offers must acknowledge receipt of this amendme	ent prior to the hour and date specific	ed in the solicitat	ion or as amended, by or	ne of the folio	wing methods:
(a) By completing Items 8 and 15, and returning _	copies of the amendment; (b)	By acknowledgin	g receipt of this amendm	ent on each	copy of the offer submitted; or
(c) By separate letter or telegram which includes a RECEIVED AT THE PLACE DESIGNATED FOR	reference to the solicitation and am	endment numbe	rs. FAILURE OF YOUR	ACKNOWLE	EDGEMENT TO BE
OFFER. If by virtue of this amendment you desire	to change an offer already submitte	ed, such change	may be made by telegran	markesu m or letter, p	rovided each telegram or letter
makes reference to the solicitation and this amend	lment, and is received prior to the or	ening hour and	date specified.		
12. ACCOUNTING AND APPROPRIATION DAT.	(If required)				
DAE.1071, \$33,000 (Complete)	551150 61111 TO 1405	ELO A ELO NA	0.000	-0.00D	
	PPLIES ONLY TO MOD				
	THE CONTRACT/ORD				
(x) A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 1	14 ARE MAD	E IN THE CONTRACT
ORDER NO. IN TENTION.					
B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	CT/ORDER IS MODIFIED TO REFL	ECT THE ADMI	NISTRATIVE CHANGES	(such as ch	anges in paying office,
			`		
X C. THIS SUPPLEMENTAL AGREEMEN	IT IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:		į
10 USC 2304 (C) (1)	and authority				
D. OTHER (Specify type of modification	and authority)				<i>‡</i>
5 IMPORTANT CONTRACTOR V	and the state of t			<i>16</i>	
E. IMPORTANT: Contractor is not, X is					···bass faceible \
14. DESCRIPTION OF AMENDMENT/MODIFICA	ATION (Organized by UCF section n	eadings, includir	ig solicitation/contract sui	bject maπer	where reasible.)
				_	1.
The purpose of this modification					
Accordingly, the contract is mod					
modification will not result in an	increase in the contract's	estimated	cost, fee, or level	of effort.	
	3				•
	•				
Except as provided herein, all terms and condition					
15A. NAME AND TITLE OF SIGNER (Type or pr	int)	16A. NAME A	ND TITLE OF CONTRAC	CTING OFFI	CER (Type or print)
THOMAS W. BECK		_	\mathcal{A}		
Senior Contracts Mana	iger	STANL	.EY.W. WARD		
150\ CONTRACTOR/OSSSRIA	L ISC DATE SIGNED	169 LINITED	STATES OF AMERICA		. 16C DATE SIGNED

FILE COM

10/3/197

(Signature of person authorized to sign)

30 Oct 97

Add the following to paragraph 2.1.1 to the Statement of Work to expand and clarify the requirements:

2.1.1. ... tunnel components.

The contractor shall provide operators to support two shift operation of the NTF, as described below. All operations shall be performed in accordance with the NTFs Standard Operating Procedures (SOPs) and their associated check lists. These SOPs are available in the NTF library. To be certified, an operator must review and understand the applicable safety documentation, establish working knowledge of the associated hardware in the respective area of responsibility, and be capable of following written operation procedures/checklists for proper tunnel operations. The operators shall be on station by 7:00 a.m. and report status of respective systems by 7:30 a.m. daily. Contract operators shall respond immediately in accordance with written Integrated Operating Procedures (IOP). IOPs used during tunnel operations include, but are not limited to, Model Position Calibration (Pitch and Roll), Model Data System Calibrations (ESP checks and tares), Wind-off Zeros, ESP On-line Calibrations, Model Position Changes (Pitch and Roll), Tunnel Condition Changes, and Model Access.

2.1.1.1. Process Controls Operator:

The process controls system consists of the following subsystems:

Reynolds Number Control System

Pressure Control System

Temperature Control System

GN₂ Vent System

LN₂ Flow Control System

LN₂ Supply System
 LN₂ Storage System

- LN₂ Transfer (800 ton tank)
- LN₂ Transfer (3000 ton tank)

Cooling Tower

Cooling Coil

High Pressure Air System

• Miscellaneous Hydraulics System

Vent Stack Valves, Fans, and Burners

2.1.1.2. Drive/Mach System Operator:

The drive system consists of the following subsystems:

Drive Control System

Mach Number Control System

Inlet Guide Vane Control System:

Inlet Guide Vane Hydraulics System

 In addition to operating the above systems, the drive system operator shall be responsible for communications with the Langley Power Dispatcher and for visual observation of the model (via closed circuit television) during testing.

2.1.1.3. Model/Data System Operator:

The model system consists of the following subsystems:

- Pitch System
- Roll System
- Tunnel Parameter Control System
- Research Data Acquisition
- Pitch Hydraulics System
- Balance Cooling/Heating System
- Test Section Movable System

Add the following words to Paragraph 2.3 of the Statement of Work:

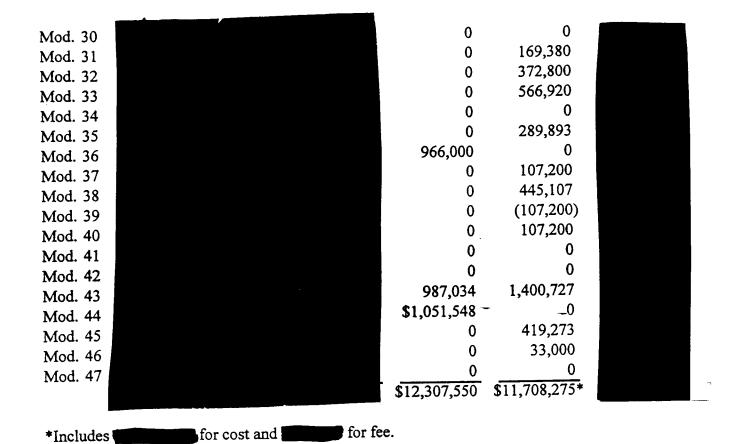
2.3 ... software as required. The contractor shall support two shift operation of the NTF with a Data System Engineer (DSE) to provide this support and to monitor Process Computer System (PCS) alarms and alerts. In the area

Amend Paragraph 2.6 of the Statement of Work to add the following paragraphs:

- 2.6.1. The contractor shall be responsible for the organization and inventory of items stored in the NTFs storage buildings Buildings 1236C and 1121 (60x40 ft. and 50x50 ft.).
- 2.6.2. The contractor shall maintain an inventory of all models, support hardware (including stings adapters, etc.), balances, facility equipment, etc. Records shall be kept showing the location and responsible individual for this equipment. These records will document equipment status (in use, loaned out, sent out for repair, or modification), equipment condition, and the equipment's availability for use.
- 2.6.3. The contractor shall control and maintain the tool crib area for the NTF. The contractor shall be responsible for maintaining tool inventory records, tool calibration records, hardware certification records.
- 2.6.4. The contractor shall be responsible for the shipping and receiving for the NTF. This shall include packaging for shipment, documentation, and delivery within the facility of received (single point of contact) items.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$437,000	
Mod. 1	-			0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
Mod. 24				3,692,000	708,700	
Mod. 25				0	0	
Mod. 26				0	. 0	
Mod. 27				0	1,516,780	
Mod. 28				0	0	
Mod. 29				0	50,000	
	THE RESERVE THE PERSON NAMED IN					



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Page 5 of 5 NAS1-19385 Modification No. 47 1. 11.74.2 bo,

		OMB A	pproval # _ /-0042	
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	ONTRACT	1 CONTRACTIO CODE	PAGE OF PAGES
2 AMENOMENT/MODIFICATION NO 46	3 FUECTIVE DATE 997		TION/PURCHASE REQ NO	5 PROJECT NO (Il applicable)
6 ISSUED BY CODE	126	7 ADMINIST	TERED BY (If other than Item 6)	COOE
National Aeronautics and Space A Langley Research Center Hampton, VA 23681-0001	Administration			
Hampton, VA 23061-0001				
8 NAME AND ADDRESS OF CONTRACTOR (No.		ode) (x)	9A AMENDMENT OF SOLIC	ITATION NO.
Calspan Advanced Technology C Attn: Thomas Beck	enter			
Senior Contracts Manager			9B DATED (SEE ITEM 11)	
P. O. Box 400		-		
4455 Genesee Street			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
Buffalo, NY 14225		X	NAS1-19385	
		İ	10B. DATED (SEE ITEM 13)	
CODE FACIL	ITY CODE		6-22-91	
11. THIS ITE	MONLY APPLIES TO	AMENDMEN	NTS OF SOLICITATION	IS
Offers must acknowledge receipt of this amendment	as set forth in Item 14. The hour prior to the hour and date specif	and date specifie ied in the solicitati	d for receipt of Offers is e. is e. ion or as amended, by one of the	xtended, is not extended. following methods:
(a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a re RECEIVED AT THE PLACE DESIGNATED FOR TOFFER. If by virtue of this amendment you desire to makes reference to the solicitation and this amendment	ference to the solicitation and ar E RECEIPT OF OFFERS PRIOF change an offer already submitt ent, and is received prior to the c	nendment numbe R TO THE HOUR red such change i	rs. FAILURE OF YOUR ACKNO' AND DATE SPECIFIED MAY RE may be made by telegram or lette	SHIT IN REJECTION OF YOUR
12. ACCOUNTING AND APPROPRIATION DATA (DAE. 1071, \$33,000 (Complete)	f required)			
13. THIS ITEM AP			OF CONTRACTS/OR DESCRIBED IN ITEM 1	
(x) A. THIS CHANGE ORDER IS ISSUED PU ORDER NO. IN ITEM 10A.	RSUANT TO: (Specify authority	THE CHANGES	S SET FORTH IN ITEM 14 ARE N	MADE IN THE CONTRACT
B. THE ABOVE NUMBERED CONTRACT. appropriation date, etc.) SET FORTH IN IT	ORDER IS MODIFIED TO REFI EM 14, PURSUANT TO THE AU	ECT THE ADMIN	NISTRATIVE CHANGES (such as R 43.103(b).	changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	S ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification an	d authority)			
	equired to sign this documen		copies to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATI	ON (Organized by UCF section i	neadings, including	g solicitation/contract subject mat	ter where feasible.)
The purpose of this modification is the contract. Accordingly, the con	to increase the increntract is modified as follows:	nental fundin ows:	g pursuant to the Contr	act Funding clause of
A. Section H, H.3, Contract Fundi amount of \$33,000 of which	ng, is hereby replaced is added to cost and	by the follow	ving to reflect an increas added to fee.	se in funding in the
Except as provided herein, all terms and conditions o	f the document referenced in Iter	m 9A or 10A, as h	eretofore changed, remains unch	anged and in full force and effect
15A. NAME AND TITLE OF SIGNER (Type or print)			O TITLE OF CONTRACTING OF	
		Stanlau	10/ 10/ard	
15B CONTRACTOR/OFFEROR	15C DATE SIGNED	168 UNITED S	W. Ward STATES OF AMERICA	16C DATE SIGNED
		В	RIGINAL SIGNED BY	JUL 2 2 1997
(Signature of person authorized to sign)		(Sign	nature of Contracting Officer)	
NSN 754C-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105	STANDAF Prescribed t FAR (48 CF	RD FORM 30 (Rev. 10-83) by GSA R) 53 243

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"HOLOGOTHE VOLET MOTION TO VSA 18-52.232-81) (MAR 1989)

clause, the rotation of the rotation of fee, in accordance with the Limitation of Funds clause, the rotation of the rotation of the rotation of the contract is following period of performance of the 22, 1991 through October 31, 1997.

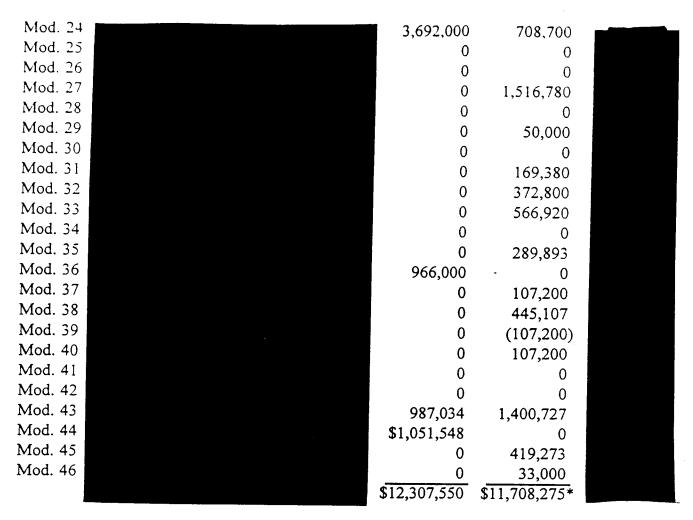
(b) An a liftmond amount of is obligated under this contract for payment of fee."

B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	<u>Funding</u>	LOE
Basic Mod. 1				\$3,292,000	\$437,000	
				0	0	
Mod. 2 Mod. 3				0	63,000	
				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				. 0	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
					Page 2 of 3	

Page 2 of 3 NAS1-1938 Modification 100, 46



*Includes for cost and for fee.

			_	OMB A	Approval # 2700-0042		
AMENDMENT OF SOLICITATION/	MODIFICA	ATIO	N OF CO	NTRACT	1. CONTRACT ID CODE	P/ 1	AGE OF PAGES
AMENDMENT MODIFICATION NO	3 EFFECT	IVE DA	TE		TION/PURCHASE REQ NO	5 PROJEC	T NO. (If applicable)
45 CODE CODE	JUN	<u>7 </u> 126	1997	7 ADMINIS	TERED BY (If other than item 6)	CODE	
	L	120		1	,		L
National Aeronautics and Space	Administra	ation		1			
Langley Research Center				}			
Hampton, VA 23681-0001							
: NAME AND ADDRESS OF CONTRACTOR (No	street, count	y. State	e, and Zip Co	(x)	9A. AMENDMENT OF SOLIC	CITATION NO.	
Calspan Advanced Technology (Center				7		
Attn: Thomas Beck							
Senior Contracts Manager P. O. Box 400					98. DATED (SEE ITEM 11)		
4455 Genesee Street					10A. MODIFICATION OF CO	NTRACT/ORD	ER NO
Buffalo, NY 14225				l x	NAS1-19385		
					10B. DATED (SEE ITEM 13)	•	•
	ILITY CODE		150.50		6-22-91		
					NTS OF SOLICITATION	NS	•
The above numbered solicitation is amended Offers must acknowledge receipt of this amendmen						extended, e following meth	is not extended.
a) By completing Items 8 and 15, and returning	copies of the	ha ama	ndment (h)	By acknowledge	ng receipt of this amendment on	each cook of the	a office submitted: as
of By separate letter or telegram which includes a received AT THE PLACE DESIGNATED FOR THE	reference to the	e solicit	ation and an	rendment numb	ers - FAILURE OF YOUR ACKNO	OWLEDGEMEN	NT TO BE
DEFER. If by virtue of this amendment you desire that a reference to the solicitation and this amendment.	to change an o	ffer aire	eady submitte	ed, such change	may be made by telegram or let	ter, provided ea	ich telegram or letter
12. ACCOUNTING AND APPROPRIATION DATA	(If required)				date specimed.		
DA. 1048. \$289.273 (Complete):					S OF CONTRACTS/OF	DEBE	
					DESCRIBED IN ITEM		
(X) A. THIS CHANGE ORDER IS ISSUED PI							CONTRACT
ONDER NO. IN TENTION.							
X B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS N	ODIFI	ED TO REFL	ECT THE ADM	INISTRATIVE CHANGES (such a	s changes in p	naying office,
appropriation date, etc.) SET FORTH IN I							
S. 1110 GS1 / EZIMZIN / E2 / G17 ZZIMZIN							
O. OTHER (Specify type of modification a	ind authority)	·					
E. IMPORTANT: Contractor Xis not, is	required to s	ign thi	s documen	t and return	copies to the issuing office		
14 DESCRIPTION OF AMENDMENT MODIFICAT	TION (Organize	d by U	CF section h	eadings, includi	ng solicitation/contract subject m	atter where lea:	sible.)
The aurage of this modification	ia ta inaras	+h		anatal fiindi	na nursuant to the Con	troot Eundi	na clause of
The purpose of this modification the contract. Accordingly, the co					ng pursuant to the Con	li act Fundi	ng clause of
A. Section H. H.3, Contract Fundamount of \$419,273 of which						ase in tund	ing in the
amount of 5419,275 of which		iuueu	i to cost a	and	is added to lee.		
Except as provided herein, all terms and conditions	of the docume	ent refe	renced in Ite	m 3A or 10A, as	heretofore changed, remains uni	changed and in	full force and effect.
15A NAME AND TITLE OF SIGNER Type or prin					AND TITLE OF CONTRACTING		
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SE CONTRACTORIOFFEROR	· :C	DATE :	SIGNED	168 UNITED	YXV. Ward	110	C DATE SIGNED
				1/16	while is ward	1/-	6-2-
Signature of person authorized to signi				1/ (S	ignature of Contracting Officer)	——{ ⁴ 7	13/97
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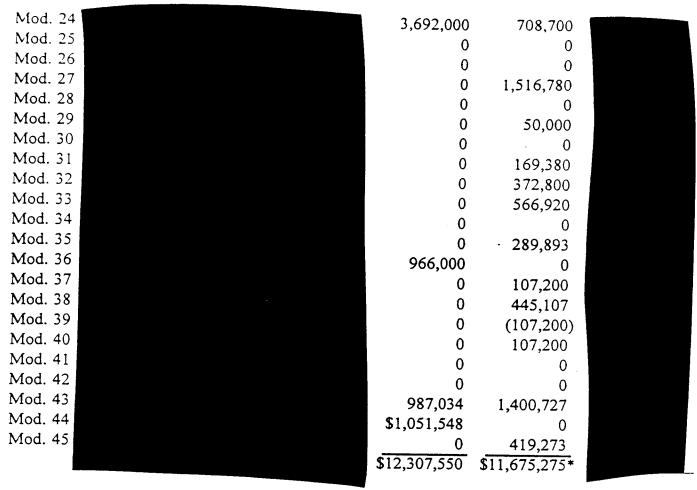
AEDE FUERY

"HIS CONTRACTED MODELOTICASA 18-52.232-81) (MAR 1989)

- (a) For purposes of the following of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance. June 22, 1991 through October 31, 1997.
- (b) An additional amount of is obligated under this contract for payment of fee."
- B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	<u>LOE</u>
Basic				\$3,292,000	\$ 437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	. 0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
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*Includes for cost and for fee.

5. PROJECT NO. (If applicate
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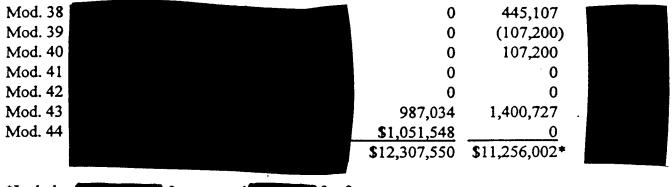
- A. Section B, B.2, Level-of-Effort, Paragraph A, contained therein is hereby replaced to include additional hours. In addition to the revised Paragraph A, below, Paragraph D, below is added:
- "A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in Paragraph C below.
- D. The fixed fee is based upon the furnishing of direct productive labor hours for the period June 21, 1997 through December 22, 1997. If the Contractor provides less than direct productive labor hours during this period, and the Government has not invoked its rights under the Termination clause of this contract to adjust the contract for such reduced effort, the Contracting Officer may unilaterally make an equitable downward adjustment to the contract fixed fee. The downward adjustment in fee will be based upon the difference between direct productive labor hours and the actual amount provided in the aforementioned period. Prior to making such an adjustment, the Contracting Officer will request from the Contractor a written discussion of any extenuating circumstances (e.g., productivity improvements or reductions in contract scope) which contributed to the underrun. Any information provided by the Contractor will be considered in determining the amount of adjustment in fee."
- B. Section B, B.3, Estimated Cost, Award Fee and Fixed Fee, Paragraph A, contained therein is hereby replaced by the following to include the cost and fee associated with adding the additional direct labor hours. The total increase in cost is and the total increase in fixed fee is for a total increase in estimated cost and fixed fee of \$1,051,548.
 - "B.3 Estimated Cost, Award Fee and Fixed Fee
- A. The estimated cost of the contract is exclusive of the award fee of the award fee of the award fee is \$12,307,550."
- C. Section F, F.2, Period of Performance, is hereby replaced by the following:
 - "F.2 Period of Performance (NASA 18-52.212-74) (DEC 1988)

The period of performance shall be 78 months from the effective date of this contract, through December 22, 1997."

TABULATION

		North Co.	and Fee	CPAF/FF	Funding	<u> </u>
Basic				\$3,292,000	\$ 437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				. 0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	0	
Mod . 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	- 0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
Mod. 24				3,692,000	708,700	
Mod. 25				0	0	
Mod. 26				0	0	
Mod. 27				0	1,516,780	
Mod. 28				0	0	
Mod. 29				0	50,000	
Mod. 30				0	0	
Mod. 31				0	169,380	
Mod. 32				0	372,800	
Mod. 33				0	566,920	
Mod. 34				0	0	
Mod. 35				0	28 9,893	
Mod. 36				966,000	. 0	
Mod. 37				0	107,200	
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Page 3 of 3 NAS1-10 Modificati



*Includes for cost and for fee.

AMENDMENT OF BOLICITATION/MODIFICATION OF CONTRACT				ONE AMERICA . STOR-SOLE	
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(Signature of person authorized to eign) Teo-01-18-e070 Signature of Contracting Officer) J-Y-G/E VIOUS EDITION UNUSABLE 30-108 BTANDARD FORM 30 (Rev. 10-22)	Namuas W. / Sect	3 Dec 96		7 7 7	100. UATE BIGNED
YOUR EDITION UNUBABLE STANDARD FORM 30 PM 10-25	(Bignature of person authorized to alon)			Hore of Congression (1980-1)	12-4-96
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Section E. B.2, Level-of-Effort, Paragraph A, contained therein is hereby replaced to Α. include ¶ additional hours. In addition to the revised Paragraph A, Paragraph D is added as follows: In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in Paragraph C below. The fixed fee is based upon the furnishing of direct productive labor hours for the period December 22, 1996 through June 22, 1997. If the Contractor provides less than direct productive labor hours during the period December 22, 1996 through June 22, 1996, and the Government has not invoked its rights under the Termination clause of this contract to adjust the contract for such reduced effort, the Contracting Officer may unilaterally make an equitable downward adjustment to the contract fixed fee. The downward adjustment in fee will be based upon the difference between direct productive labor hours and the actual amount provided in the aforementioned period. Prior to making such an adjustment, the Contracting Officer will request from the Contractor a written discussion of any extenuating circumstances (e.g., productivity improvements or reductions in contract scope) which contributed to the underrun. Any information provided by the Contractor will be considered in determining the amount of adjustment in fee." Section B, B.3, Estimated Cost, Award Fee and Fixed Fee, Paragraph A, contained B. therein is hereby replaced by the following to include the cost and fee associated with adding the additional direct labor hours. The total increase in cost is and the total increase in fixed for a total increase in estimated cost and fixed fee of \$987,034. "B.3 Estimated Cost, Award Fee and Fixed Fee The estimated cost of the contract is exclusive of the award fee is \$11,250,002." Section F, F.2, Period of Performance, is hereby replaced by the following: C. Period of Performance (NASA 18-52.212-74) (DEC 1988) "F.2

The period of performance shall be 72 months from the effective date of this

Section H, H.3, Contract Funding, is hereby replaced by the following to reflect an

increase in funding in the amount of \$1,400,727 of which seems is added to cost and

contract."

is added to fee.

D.

Page 2 of 4 NAS1-19385 Modification No. 43

"H.3 CONTRACT FUNDING (NASA 18-52.232-81) (MAR 1989)

- (a) For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through June 22, 1997.
- (b) An additional amount of sistement is obligated under this contract for payment of fee."
- E. Section H, H.6, Options, Paragraph C, Priced Options for Extended Services, Paragraph 1, Basic Requirement is amended to include 6 additional one-month option periods which shall be designated the ninth, tenth, eleventh, twelfth, thirteenth and fourteenth option periods. These option periods are as follows:

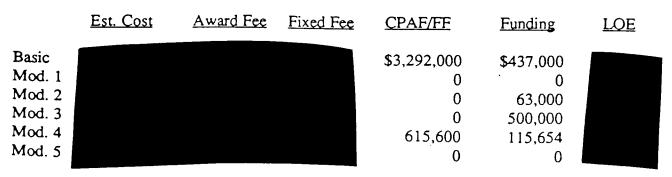
<u>Item</u>	Ninth Option <u>Period</u>	Tenth Option <u>Period</u>	Eleventh Option Period	Twelfth Option <u>Period</u>	Thirteenth Option <u>Period</u>	Fourteenth Option Period
Period of Performance	1 month	1 month	1 month	1 month	1 month	1 month
Level-of-Effort	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Estimated Cost						
Fixed Fee						

Options nine thru fourteen are exercisable by issuance of a unilateral contract modification by the Contracting Officer prior to the expiration of the contract. Preliminary notice is not required.

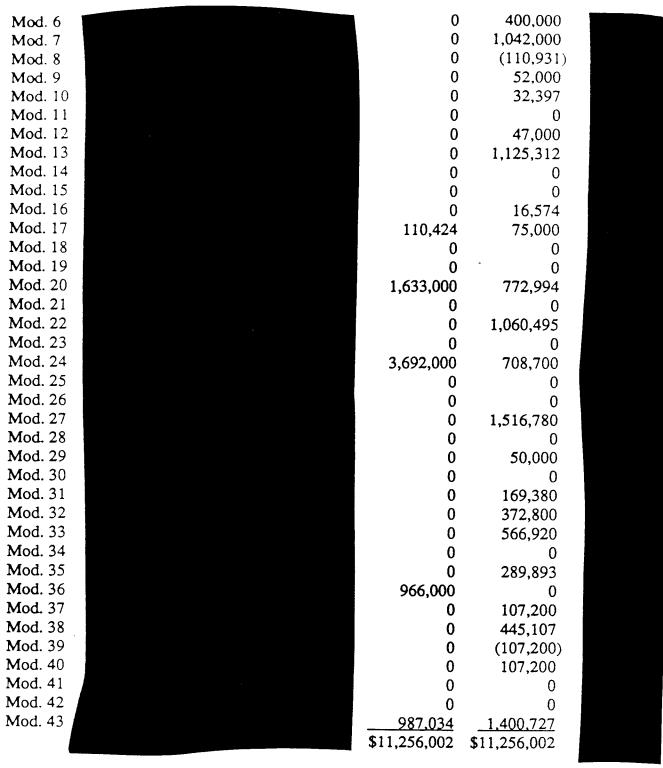
F. Section J, Exhibit F - Subcontract Plan, is hereby revised to include the attached addendum to the Subcontracting Plan, which adds subcontracting goals applicable to the sixmonth extension plus 6 one month option periods.

All other terms and conditions shall remain unchanged.

CONTRACT TABULATION



Page 3 of 4 NAS1-19385 Modification No. 43



^{*}Includes for cost and for fee.

			OMB Approval 20-0042	
AMENDMENT OF SOLICITATION	MODIFICATION OF C	ONTRACT	1 CONTRACT ID CODE	PAGE OF PAGES
2. AMENOMENT/MODIFICATION NO	3. EFFECTIVE DATE	4 REQUISIT	ONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
42	NOV 1 2 1996		See Block 12.	
6. ISSUED BY CODE	100	7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip C	∞de) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
Calspan Advanced Technology Cen Attn: Thomas Beck			9B. DATED (SEE ITEM :1)	
Senior Contracts Manager			101 1100 5 0 1 7 0 1 0 5 0 0	
P. O. Box 400			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
4455 Genesee Street			NAS1-19385	
Buffalo, NY 14225		X	10B. DATED (SEE ITEM 13)	
CODE FAC	ILITY CODE			
	TEM ONLY APPLIES TO	AMENDMENT	6/22/91	
The above numbered solicitation is amended a				nded, is not extended.
Offers must acknowledge receipt of this amendmen (a) By completing items 8 and 15, and returning or (c) By separate letter or telegram which includes RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to makes reference to the solicitation and this amendment 12. ACCOUNTING AND APPROPRIATION DATA	copies of the amendment; a reference to the solicitation and the RECEIPT OF OFFERS PRIOF to change an offer already submitt tient, and is received prior to the c	(b) By acknowledged amendment numing TO THE HOUR And such change medical controls and the such change medical controls and	ing receipt of this amendment or bers. FAILURE OF YOUR ACK AND DATE SPECIFIED MAY RE hay be made by telegram or lette	n each copy of the offer submitted; NOWLEDGMENT TO BE SULT IN REJECTION OF YOUR
N/A	,,,			
	APPLIES ONLY TO MOD			RS,
(x) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	S THE CONTRACT/ORE IRSUANT TO: (Specify authority			MADE IN THE CONTRACT ORDER
B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	ORDER IS MODIFIED TO REFL EM 14, PURSUANT TO THE AU	ECT THE ADMINITHORITY OF FAR	STRATIVE CHANGES (such as R 43.103(b).	changes in paying office,
X C. THIS SUPPLEMENTAL AGREEMENT Mutual Agreement		TO AUTHORITY	OF:	
D. OTHER (SPECIFY TYPE OF MODIFIC	ATION AND AUTHORITY)			
E. IMPORTANT: Contractor [is not, []	is required to sign this docum	ent and return _	3 copies to the issu	uing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATI				
The purpose of this modification				es, to replace a key
person. Accordingly, the follo	wing change is made	to the Contr	act Schedule:	
Paragraph (c) of Article H-5. K	Ley Personnel and Fac	ilities is cha	nged as follows:	
is deleted and	substitu	uted in lieu t	hereof.	
	(CONT	INUED) .		
Except as provided herein, all terms and conditions of	of the document referenced in Iter	n 9A or 10A, as he	retolore chapged, remains unch	anged and in full force and effect.
THOMAS W. BECK		16A. NAME AN	RICHARD C/SI	
SENIUR CONTRACTS MAN	15C. DATE SIGNED	168. UNITED \$	JATES OF AMERICA	16C. DATE SIGNED
Momas W. /Ser	NOV 1 2 1996	BY /		NOV 1 2 1996
(Signature of person authorized to sign) NSN 7540-01-152-8070	30.	(Sign	ature of Contracting Officer)	RD FORM 30 (Rev. 10-83)
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STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53 243

ELECTION TABULATION

	fakti v	8 1 (1)	Ese i fig	<u>ee</u>	CPAF/FF	Funding	Taple.
Basic					\$3,292,000	\$437,000	
Mod. 1					0	0	
Mod. 2					0	63,000	
Mod. 3					0	500,000	
Mod. 4					615,600	115,654	
Mod. 5					0	0	
Mod. 6					0	400,000	
Mod. 7					0	1,042,000	
Mod. 8					0	(110,931)	
Mod. 9					0	52,000	
Mod . 10					0	32,397	
M od. 11					0	0	
M od. 12					0	47,000	
M od. 13					0	1,125,312	
M od. 14					0	0	
Mod. 15					0	0	
M od. 16					0	16,574	
M od. 17					110,424	75,000	
M od. 18					0	0	
Mod. 19					0	0	
Mod. 20					1,633,000	772,994	
Mod. 21					0	0	
Mod. 22					0	1,060,495	
Mod. 23					0	0	
Mod. 24					3,692,000	708,700	
Mod. 25					0	0	
Mod. 26					0	0	
Mod. 27					0	1,516,780	
Mod. 28 Mod. 29					0	0	
Mod. 29 Mod. 30					0	50,000	
Mod. 30					0	0	
Mod. 31					0	169,380	
Mod. 32 Mod. 33					0	372,800	
Mod. 34					0	566,920	
Mod. 35					0 0	0	
Mod. 36					966,000	· 289 ,893	
Mod. 37					900,000	0 1 07 ,200	
Mod. 38					0	445,107	
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(Spagues -	· 1 su -	NOV 1 2	1996	BY /		.'[/	NOV 1 2 1996
(Signature of person 0-01-152-8070	n authorized to sign)	L	30-10	15	(Signature of Con	standar)	

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STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53 243

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Mod. 40 Mod. 41 Mod. 42 \$10,268,968

*Includes



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107,200

\$9,855,275

0

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for cost and for fee.

			OMB Approva. 10-0042	
AMENDMENT OF SOLICITATION	(1400)5:04 51011 05 0	01170107	1. CONTRACTID CODE	PAGE OF PAGES
2. AMENDMENT OF SOLICITATION	MODIFICATION OF CO		TION/PURCHASE REQ. NO	1 3
41	OCT 3 0 1996	i	See Block 12.	5. PROJECT NO. (If applicable)
6 ISSUED BY CODE	001 3 0 1330		TERED 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 Co	(x)	9A. AMENDMENT OF SOLIC	TATION NO.
Calspan Advanced Technology Cen	ter			
Attn: Thomas Beck	ilei		9B. DATED (SEE ITEM 11)	
Senior Contracts Manager			,	
P. O. Box 400			10A. MODIFICATION OF COM	TRACT/ORDER NO.
4455 Genesee Street			NAS1-19385	
Buffalo, NY 14225		x	1.4.13.1.7503	
			10B. DATED (SEE ITEM 13)	
	ILITY CODE		6/22/91	
11. THIS I	TEM ONLY APPLIES TO A	AMENDMEN	ITS OF SOLICITATIONS	
A. THIS CHANGE ORDER IS ISSUED PU	copies of the amendment; (a reference to the solicitation and IE RECEIPT OF OFFERS PRIOR to change an offer already submittee tent, and is received prior to the op (If required) APPLIES ONLY TO MOD IS THE CONTRACT/ORD JRSUANT TO: (Specify authority)	b) By acknowled amendment num TO THE HOUR of, such change bening hour and IFICATIONS ER NO. AS I	Iging receipt of this amendment on onbers. FAILURE OF YOUR ACKN AND DATE SPECIFIED MAY RESEMBLY BETTER THE SPECIFIED MAY RESEMBLY BETTER THE SPECIFIED MAY RESEMBLY BETTER THE SPECIFIED MAY RESEMBLY BETTER THE SPECIFIED MAY BE SET FORTH IN ITEM 14 ARE MAY	each copy of the offer submitted; OWLEDGMENT TO BE SULT IN REJECTION OF YOUR provided each telegram or letter RS, ADE IN THE CONTRACT ORDER
appropriation date, etc.) SET FORTH IN IT	EM 14, PURSUANT TO THE AUT	THORITY OF FA	R 43.103(b).	changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (SPECIFY TYPE OF MODIFIC	ATION AND AUTHORITY)			
E. IMPORTANT: Contractor is not,	is required to sign this docume	ent and return	copies to the issuin	g office.
The purpose of this modification clause of the contract. Accord A. Section H, H.3, Contract F	on is to extend the "fu ingly, the contract is m	nded throu nodified as	gh" date pursuant to the follows:	
	(CONTI	· ^		
Except as provided herein, all terms and conditions of 15A. NAME AND TITLE OF SIGNER (Type or print)	of the document referenced in Item T	19A or 10A/, als h	erectore changed, remains unchang TITLE OF CONTRACTING OF	nged and in full force and effect.
THE OF SIGNER (Type of print)		TOA. NAME AT	RICHARD C. SH	
158. CONTRACTOR/OFFEROR	15C DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
(Sleen)		BY //	MM	OCT 3 0 1996
(Signature of person authorized to sign) NSN 7540-01-152-8070			nature of Contracting Officer)	
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STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53 243

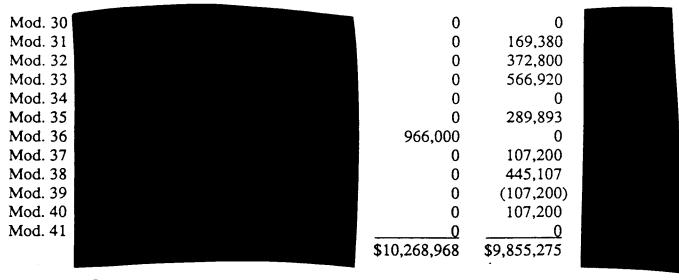
- "(a)—For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance. June 22, 1991 through December 2, 1996.
- B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17	-			110,424	75,000	
Mod. 18				0	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
Mod. 24				3,692,000	708,700	
Mod. 25				0	. 0	
Mod. 26				0	0	
Mod. 27				0	1,516,780	
Mod. 28				0	0	
Mod. 29				0	50,000	

Page 2 of 3 NAS1-19385 Modification 230-41

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				OMB Approval IO-0042		
AMENDMENT OF SOLICITA	TION/MODIFICATION	N OF CO	ONTRACT	1. CONTRA JT ID CODE	PAG	E OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	TE		ONPURCHASE REQ. NO.	5. PROJECT	NO. (If applicable)
40	OCT 2	4 1998		See Block 12.		
6. ISSUED BY	CODE		7 ADMINIST	ERED BY (If other than Item 6)	CODE	
National Aeronautics and S Langley Research Center Hampton, VA 23681-000	•					
8. NAME AND ADDRESS OF CONTRACT	OR (No., street, county, State	, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
Calspan Advanced Technolog	gy Center			OR DATED (SEE (TEM 11)		 .
Attn: Thomas Beck				98. DATED (SEE ITEM 11)		
Senior Contracts Mana P. O. Box 400	iger			10A, MODIFICATION OF COM	NTRACT/ORDER	NO.
4455 Genesee Street				NAS1-19385		
Buffalo, NY 14225			x			
				10B. DATED (SEE ITEM 13)		
CODE	FACILITY CODE			6/22/91		
11.	THIS ITEM ONLY APP	LIES TO	AMENDMEN'	TS OF SOLICITATIONS		
The above numbered solicitation is an Offers must acknowledge receipt of this am			•	· · · · · · · · · · · · · · · · · · ·	-	ot extended.
iT MC	desire to change an offer aire amendment, and is received in DATA (If required) 7,200 Obligated Com ITEM APPLIES ONLY DDIFIES THE CONTRA	ady submitted or or to the operation to the operation of	d, such change in pening hour and c IFICATIONS ER NO. AS D	nay be made by telegram or letter late specified. OF CONTRACTS/ORDELESCRIBED IN ITEM 14.	, provided each t	telegram or letter
A. THIS CHANGE ORDER IS ISS	SUED FURSUANT TO. (Spec	пу ашпонку)	THE CHANGES	SEI FORTR IN TIEM 14 ARE M	ADE IN THE CO	NIRACI OHDER
X 8. THE ABOVE NUMBERED CO. appropriation date, etc.) SET FOR	TH IN ITEM 14, PURSUANT	TO THE AUT	THORITY OF FAR	R 43.103(b).	changes in paylr	ng office,
C. THIS SUPPLEMENTAL AGRE	EMENT IS ENTERED INTO F	PURSUANT 1	TO AUTHORITY	OF:		
D. OTHER (SPECIFY TYPE OF M	MODIFICATION AND AUTHO	RITY)				
E. IMPORTANT: Contractor is n				copies to the issuin		
14. DESCRIPTION OF AMENDMENT/MOD				•		•
The purpose of this modi				- -	e Contract	Funding
clause of the contract. A	ccordingry, the con-	ract is ii	iodified as	ionows:		
A. Section H, H.3, Cont in the amount of \$107,20						in funding
		(CONTI	NUED)	^		
Except as provided herein, all terms and cor		enced in Item				
15A. NAME AND TITLE OF SIGNER <i>(Type</i>	or print)		16A, NAME AN	RICHARD C. SE	ficer (type or HISLER	print)
158 CONTRACTOR/OFFEROR	15C. DATE S	IGNED	168. UNITED S	ATTES OF AMERICA	ī	T 2 4 1996
(Signature of person authorized to s	sign)			lature of Contracting Officer)		
PREVIOUS EDITION UNUSABLE		30-1	05	STANDAI Prescribed by FAR (48 CFR		रेक√ 10-83)

FILE COPY.

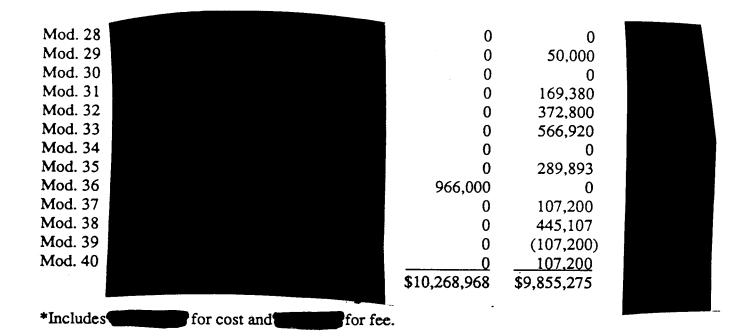
"H3 CONTRACT FUNDING (NASA 18-52.232-81) (MAR 1989)

- For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through November 4, 1996.
- (b) An additional amount of is obligated under this contract for payment of fee."
- B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	0	
Mod. 22				0	1,060,495	
Mod. 23				0	. 0	
Mod. 24				3,692,000	708,700	
Mod. 25				0	0	
Mod. 26				0	0	
Mod. 27				0	1,516,780	

Page 2 of 3 NAS1-19385 Modification No. 40



			MI ACCOUNT TO COST	1	
AMENDMENT OF SOLICITATION	MODIFICATION OF CO.	NTRACT	1. CONTRACT 10 000E	PAGE	OF PAGES
	1 EFFECTIVE DATE		ONPURCHABE REG. NO.	& PROJECT NO	
2 AMENDMENT/MODIFICATION NO.	AUG 1 2 1996	_	lee Block 12.	a ricecorne	7. (II 455-22-4)
39	AUG 1 2 1000		RED BY (Rother than ham th)	CODE	
d. IGRUED BY CODE		7. AUMINIGIE	ERED BY (A COTHER DECI PERMITO)		
National Aeronautics and Space	Administration				
Langley Research Center					
Hampton, VA 23681-0001	Í				
·					
8. NAME AND ADDRESS OF CONTRACTOR (No	., stroot, county, State, and 210 Cook	<u>, ko</u>	MA, AMENDMENT OF BOUR	SITATION NO.	
Calspan Advanced Technology Cen	iter	•			
Attn: Thomas Beck		ĺ	98. DATED (SEE MEM 11)		
Senior Contracts Manager					
P. O. Box 400		1	10A. MODIFICATION OF CO	MTRACT/CADER	NO.
4455 Oenesee Street			NAS1-19385		
Buffalo, NY 14225	*	X			
			198. DATED (BEE ITEM 13)		
CODE	ILITY CODE		6/22/91		
0000	TEM ONLY APPLIES TO A	MENDMEN			
The above numbered solicitation is smended	as set forth in item 14. The hour an	d data apecified	for records of Offers Line and the		t extended,
Offers must acknowledge receipt of this amendmen	A Supplied the work that pers species	d is the solidar	can be all armenadad, by one or sit	a Catoming Harrison	**
(a) By completing items 8 and 15, and recurning	copies of the amendment, (b) By actinowied	ging receipt of this emendment o	on each copy of the	Offer Aubmirted;
or (c) By separate letter or telegram which includes RECEIVED AT THE PLACE DEBIGNATED FOR T	s reference to the solicitation and a	Mendment hyn	IDERS, FAILURE OF YOUR ACK	CNOWLEDGMENT	TO BE
OFFER If by writing of this emperiment you desire	to change an offer streety submitted	d, such change:	way be made by telegram or lett	er, provided sech tr	riegram or letter
makes reference to the solicitation and this amend	ment, and is received bhar to the co	prie suori prine	dele specified.		
12. ACCOUNTING AND APPROPRIATION DATA	(A required)				
PR: GI.9481; R20589; (\$107.20	0) Deobligate (Complete	:)			
13. THIS ITEM	APPLIES ONLY TO MODI	IFICATIONS	OF CONTRACTS/ORD	ERS,	. •
IT MODIFI	ES THE CONTRACT/ORDE	ER NO. AS	DESCRIBED IN ITEM 14		
(X) A THIS CHANGE GROER IS ISSUED P	URBUANT TO: (Specify authority)	THE CHANGE	B BET FORTH IN ITEM 12 ARE	MADE IN THE CO	NIMACT ONDER
NO. IN ITEM 10A.					
			WATER THE BUILDING OF AND		
B. THE ABOVE NUMBERED CONTRAC appropriation data, stc.) SET FORTH IN	ITAGRICER IS MODIFIED TO REPU ITEM 14 PURSHANT TO THE AUT	FOR THE AUMI	uistrative changes (such a LR 43 103/b).	ie onanges in payn	у виков,
C. THIS SUPPLEMENTAL AGREEMEN					
C. THIS SUPPLEMENTAL AGHEEMEN	I IS ENTERED IN TO PURBOANT	io aci notii i	5 1.		
D. OTHER (BPECIFY TYPE OF MODIF	ICATION AND AUTHORITY				
D. BINER (BEEGIN I I'VE OF MOON	,				
E. IMPORTANT: Contractor la not	Is required to sign this docum	ent and return		ulna office.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
14. DESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UOF section h	eadings, include	ng saliphasionypaniana subject m		9.7
The purpose of this modificat	ion is to reduce increm	ental fund	or nursuant to the C	antract Fund	ing clause
the burbose of this mountain	TOR 13 to leader merch	ontar ruit.	are pursuant to the C	Distant I diam	m'8 cmmc
of the contract. Accordingly,	the contract is modifie	a 82 Iolloa	vs:		
A. Section H, H.3, Contract	Funding is hereby ren	laced by th	e following to reflec	t a decrease	in funding
A. Section 11, 11.5, Conduct	which dead is dea	mand from	m sort and	decree and fr	om fee
in the amount of \$107,200 of	Willen 13 dec	reason no	in cost and	uccicascu II	om roa
			\sim 1		
	(CONT	INUED)			
			\\		
Except as provided herein, as forms and condition	is of the document referenced in liter	n 84 or 104, de	permotors changed, remains un	tul of bree begrander	torce and effect.
IGA NAME AND TITLE OF BIGNER (TYPH OF PT		104 MAYE	O TITLE OF DONTRACTING	OFFICER (Type or	print
Thomas Beck		1 1/ /	RICHARDIC	chici ED	
Sr. Contracta Ma	no or	\perp V V	1 manage	JIMJLER.	
14R CONTRACTOR/OFFEROR	150. DATE SIGNED	168. PHITE	STATES OF AMERICA	16C.	DATE SIGNED
HAMME, Times	2-11 01 11	1. 1. 1/			ALIC 1 2 100
MM1 MAD 704 DOWING 5	5012/4C	BY /	Transmant Continued to Continued		AUG 1 2 1991
(Signature of person euthorized to eign) HBN 7540-01-150-9070		108	Anature of Contracting Ctfider)	DARD PORM 30	
MBM 1200-07-120-2010	90-	. 40	Prescrib	ed by GBA	(*************************************
				CFAI NI 243	

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"HIS OF FULL ACTUE FOR MADAGE NASA 18-52.232-81) (MAR 1989)

Funds clause the following periods of all the Government to this contract is and and covers the following periods a performance: June 22, 1991 through October 18, 1996

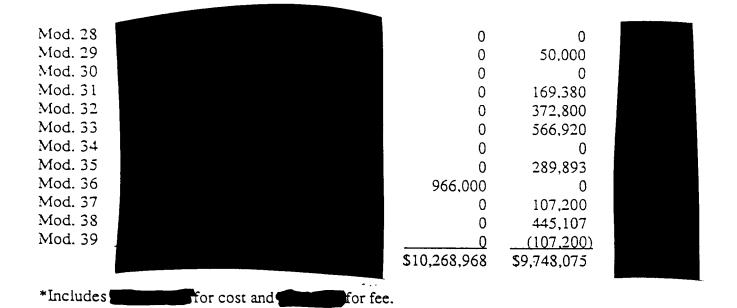
payment of fee."

B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	<u>Award Fee</u>	Fixed Fee	CPAF/FF	Funding	<u>LOE</u>
Basic				\$3,292.000	C 125 000	
Mod. 1				•	\$437,000	
Mod. 2				0	(2.000	
Mod. 3				0	63,000	
Mod. 4				615.600	500,000	
Mod. 5				0	115,654 0	
Mod. 6				ő	400,000	
Mod. 7 Mod. 8				0	1,042,000	
Mod. 8 Mod. 9				0	(110,931)	
Mod. 9 Mod. 10				0	52,000	
Mod. 10				0	32,397	
Mod. 12				0	0	
Mod. 13				0	47,000	
Mod. 14				0	1,125,312	
Mod. 15				0	0	
Mod. 16				0	0	
Mod. 17				0	16,574	
Mod. 18				110,424	75,000	
Mod. 19				0	0	
Mod. 20				0	0	
Mod. 21				1,633,000	772,994	
Mod. 22				0	0	
Mod. 23				0 0	1,060,495	
Mod. 24				3.692,000	0	
Mod. 25				0.092,000	708,700	
Mod. 26				0	0	
Mod. 27				Ö	0 1,516,780	
				ŭ	1,210,730	

Page 2 of 3 NAS1-19385 Modification No. 39



			OMR Approval # 2. J-0042	
AMENDMENT OF SOLICITATION	MODIEICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENOMENT/MODIFICATION NO.			l	1 3
38	3. EFFECTIVE DATE		ONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	JUL 25 1996		See Block 12.	
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
Noticed Assert Co. 10				
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No				
TO NAME AND ADDITIONS OF GOTTING FOR PROS.	su eet. county, State, and Zip Co	(x)	9A. AMENDMENT OF SOLIC	SITATION NO.
Calchan Advanced Technology Con-				
Calspan Advanced Technology Cent	er	Ì		
Attn: Thomas Beck			98. DATED (SEE ITEM 11)	
Senior Contracts Manager				
P. O. Box 400			10A, MODIFICATION OF CO	INTRACT/ORDER NO.
4455 Genesee Street		ļ	NAS1-19385	
Buffalo, NY 14225		l x		
		1	10B. DATED (SEE ITEM 13)	
CODE FACI	LITY CODE		6/22/91	
11. THIS IT	EM ONLY APPLIES TO	AMENDMENT		
The above numbered solicitation is amended as				
Offers must acknowledge receipt of this amendment	of the hour and date specific	nd date specified	for receipt of Offers is exte	ended, is not extended.
(a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes a	copies of the amendment;	(b) By acknowledg	ing receipt of this amendment o	n each copy of the offer submitted;
THE PLACE DESIGNATED FOR TH	E RECEIPT OF OFFERS PRIOR	TO THE HOUR.	AND DATE COCCICIED MAY DO	ERLU TIM DE JECTION OF VOUS
OF EAL 11 by VILLE OF UITS ATTRACTMENT YOU DESIRE TO	Change an offer already submitte	ed such channe n	nay he made by toleamm or land	er, provided each telegram or letter
makes reference to the solicitation and this amendm 12. ACCOUNTING AND APPROPRIATION DATA (ent, and is received onor to the o	pening hour and o	tate specified.	
PR: DA.1038; R20805; \$445,107				
	APPLIES ONLY TO MOD	IFICATIONS	OF CONTRACTS/ORDS	De
IT MODIFIE	S THE CONTRACT/ORD	FR NO AS D	ESCRIBED IN ITEM 14	ino,
(x) A. THIS CHANGE ORDER IS ISSUED PU	RSUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT ORDER
NO. IN ITEM 10A.				
X B THE ABOVE NUMBERED CONTRACT				
B. THE ABOVE NUMBERED CONTRACT, appropriation date, etc.) SET FORTH IN IT.	ORDER IS MODIFIED TO REFL	ECT THE ADMIN	ISTRATIVE CHANGES (such as	s changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT				
O. THE SOFT ELMENTAL AGREEMENT	S ENTERED IN TO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (SPECIFY TYPE OF MODIFIC	ATION AND AUTHORITY)			
E IMPORTANT: Contractor is not.	is required to sign this docum	ent and return	copies to the issuin	vi office
14. DESCRIPTION OF AMENDMENT/MODIFICATION	ON (Organized by UCF section In	eadings, including	solicitation/contract subject ma	atter where leasible.)
The purpose of this modification	on is to add increment	al funding	oursuant to the Contr	act Funding clause of
the contract. Accordingly, the	contract is modified a	s follows:		act I unding clause of
voice and incontainingly, and	conduct is mounted a	.s 10H0ws.		
A Contactivity of the				
A. Section H, H.3, Contract F	unding, is hereby repl	laced by the	following to reflect	additional funding in
the amount of \$445,107 of whi	ch is added	to cost and	is added to	fee.
	(CONT)	INUED)	, ,	
Except as provided herein, all terms and conditions of	f the document referenced in Item	1 9A or 10A as h	Prejujure channel domaine	hanged and in hill forms and effect
15A. NAME AND TITLE OF SIGNER (Type or print)			ID MITLE OF CONTRACTING O	
	ļ	-		,
		,	RICHARD C. S	HISLER
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED S	TATES OF AMERICA	16C. DATE SIGNED
		7		IBC. DATE SIGNED
(Signature of ease		BY /	V VI	JUL 25 1996
(Signature of person authorized to sign) NSN 7540-01-152-8070			nature of Contracting Officer)	
PAEVIOUS EDITION UNUSABLE	30-	105	STANDA	ARD FORM 30 (Rev. 10-83)

FILE COPY

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53 243

"H.3 CONTRACTIFUNDING (NASA 18-52.232-81) (MAR 1989)

Funds clause, the retail amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through November 4, 1996.

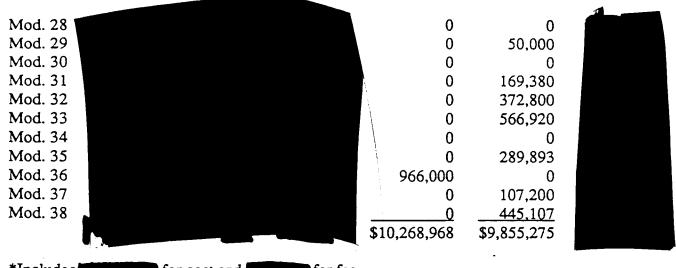
(b) An additional amount of is obligated under this contract for payment of fee."

B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

		CPAF/FF	Funding	
Basic		\$3,292,000	\$437,000	
Mod. 1		0	0	
Mod. 2		Ö	63,000	
Mod. 3		0	500,000	
Mod. 4		615,600	115,654	
Mod. 5		0	0	
Mod. 6		0	400,000	
Mod. 7		0	1,042,000	
Mod. 8		0	(110,931)	
Mod. 9		0	52,000	
Mod. 10	•	0	32,397	
Mod. 11		0	0	
Mod. 12		0	47,000	
Mod. 13		0	1,125,312	
Mod. 14		0	0	
Mod. 15		0	0	
Mod. 16		0	16,574	
Mod. 17		110,424	75,000	
Mod. 18		0	0	
Mod. 19		0	0	
Mod. 20		1,633,000	772,994	
Mod. 21		0	0	
Mod. 22		0	1,060,495	
Mod. 23		0	0	
Mod. 24		3,692,000	708,700	
Mod. 25		0	0	
Mod. 26		0	0	
Mod. 27		0	1,516,780	
			Page 2 of 3	

Page 2 of 3 NAS1-19383 Modification 110-38



			OMB Approval #: F0042	
AMENDMENT OF SOLICITATION/M	ODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
	3. EFFECTIVE DATE		IONPURCHASE REQ. NO.	5. PROJECT NO. (II applicable)
37	nn 15 1996		See Block 12.	
6. ISSUED BY CODE	302 13	7. ADMINIST	ERED BY (If other than Item 5)	CODE
National Aeronautics and Space A	dministration	ļ		
Langley Research Center Hampton, VA 23681-0001				
mampton, VA 23001-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., s	treet, county, State, and Zip Co	ode) (x)	9A. AMENDMENT OF SOLIC	CITATION NO.
			1	
Calspan Advanced Technology Cente	r			
Attn: Thomas Beck			9B. DATED (SEE ITEM 11)	
Senior Contracts Manager				
P. O. Box 400			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
4455 Genesee Street			NAS1-19385	
Buffalo, NY 14225		x		
		Ì	10B. DATED (SEE ITEM 13)	
CODE FACIL	TY CODE .		6/22/91	
11. THIS ITE	M ONLY APPLIES TO	AMENDMEN'	TS OF SOLICITATIONS	
The above numbered solicitation is amended as s	set forth in Item 14. The hour a	and date specified	for receipt of Offers is exte	nded, is not extended.
Offers must acknowledge receipt of this amendment p	nor to the hour and date specif	ied in the solicitati	on or as amended, by one of the	following methods:
(a) By completing Items 8 and 15, and returning	conies of the amendment:	(h) By acknowled	ning receipt of this amendment o	a each copy of the offer submitted
or (c) By separate letter or telegram which includes a r	elerence to the solicitation and	amendment num	bers. FAILURE OF YOUR ACK	NOWLEDGMENT TO BE
RECEIVED AT THE PLACE DESIGNATED FOR THE OFFER. If by virtue of this amendment you desire to d	RECEIPT OF OFFERS PRIOF	R TO THE HOUR A	AND DATE SPECIFIED MAY RE	SULT IN REJECTION OF YOUR
makes reference to the solicitation and this amendmen	it, and is received prior to the o	pening hour and o	date specified.	
12. ACCOUNTING AND APPROPRIATION DATA (III				-
PR: GI.9481; R20589; \$107,200 C		VEIDATIONS	05.00\\T0.0000	
			OF CONTRACTS/ORDEDESCRIBED IN ITEM 14.	
* (x) A. THIS CHANGE ORDER IS ISSUED PUR	SUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE N	MADE IN THE CONTRACT ORDER
NO. IN ITEM 10A.				
7/				
X 8. THE ABOVE NUMBERED CONTRACT/O	RDER IS MODIFIED TO REFL	ECT THE ADMIN	ISTRATIVE CHANGES (such as	changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT IS				
G. THIS SUFFLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	10 AUTHORITY	OF.	
D. OTHER (SPECIFY TYPE OF MODIFICAT	TON AND AUTHORITY)			
				** · · · · · · · · · · · · · · · · · ·
E. IMPORTANT: Contractor ☑ is not. ☐ is 14. DESCRIPTION OF AMENDMENT/MODIFICATION	required to sign this docum			g office.
The purpose of this modification			pursuant to the Contra	ict Funding clause of
the contract. Accordingly, the co	ontract is modified a	is follows:		
A. Section H, H.3, Contract Fu				
the amount of \$107,200 of which	h is added	to cost and	is added to f	ee.
	CONT			
	(CONT	INUED)		
Except as provided herein, all terms and conditions of the	he document referenced in Item			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AN	O TITLE OF CONTRACTING OF	FFICER (Type or print)
		À	RICHARD C. SI	HISLER
158, CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED S	VATES OF AMERICA	16C, DATE SIGNED
		V .	KA VIII	
(Signature of person authorized to sign)	- 	87 / /	nature of Commenting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION LINES AND E	30-			RD FORM 30 (Rev. 10-83)

FILE COPY

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53 243

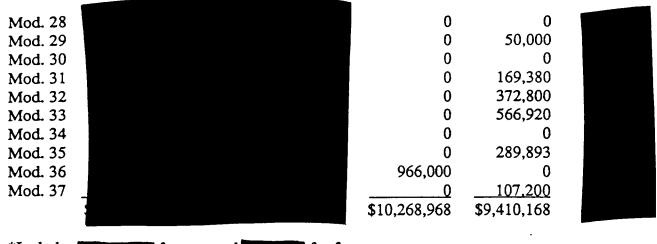
"HB CONTRACT FUNDING (NASA 18-52.232-81) (MAR 1989)

- Funds clause, the total amount alletted by the Government to this contract is covers the following period of performance: June 22, 1991 through June 21, 1996.
- (b) An additional amount of is obligated under this contract for payment of fee."
- B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

•			•
	CPAF/FF	Funding	<u>LOE</u>
ъ.	***	* 10 * 000	
Basic	\$3,292,000	\$437,000	
Mod. 1	0	0	
Mod. 2	0	63,000	
Mod. 3	0	500,000	
Mod. 4	615,600	115,654	
Mod. 5	0	0	
Mod. 6	0	400,000	
Mod. 7	0	1,042,000	
Mod. 8	0	(110,931)	
Mod. 9	0	52,000	
Mod. 10	0	32,397	
Mod. 11	0	0	
Mod. 12	0	47,000	
Mod. 13	0	1,125,312	
Mod. 14	0	0	
Mod. 15	0	0	
Mod. 16	0	16,574	
Mod. 17	110,424	75,000	
Mod. 18	0	0	
Mod. 19	0	0	
Mod. 20	1,633,000	772,994	
Mod. 21	0	0	
Mod. 22	0	1,060,495	
Mod. 23	0	. 0	
Mod. 24	3,692,000	708,700	
Mod. 25	0	0	
Mod. 26	0	0	
Mod. 27	0	1,516,780	
		. ,	

Page 2 of 3 NAS1-19385 Modification No. 37



*Includes for cost and for fee.

OMB Approval #: 4, 30-0042					
AMENDMENT OF SOLICITATION/MO	ODIFICATION OF CO	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES	
	JUN 2'6 9956		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE	
National Aeronautics and Space Ad Langley Research Center Hampton, VA 23681-0001	lministration				
8. NAME AND ADDRESS OF CONTRACTOR (No., str	eet, county, State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLICE	TATION NO.	
Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager			98. DATED (SEE ITEM 11)		
P. O. Box 400		ļ	10A. MODIFICATION OF CON	TRACT/ORDER NO.	
4455 Genesee Street			NAS1-19385		
Buffalo, NY 14225-0400		X	10B. DATED (SEE ITEM 13)		
CODE FACILIT	Y CODE				
· · · · · · · · · · · · · · · · · · ·	· ·	AMENDMEN	6/6/91 TS OF SOLICITATIONS		
The above numbered solicitation is amended as se Offers must acknowledge receipt of this amendment price. (a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes a re RECEIVED AT THE PLACE DESIGNATED FOR THE PLACE DESIGNATED FOR THE PLACE OFFER. If by virtue of this amendment you desire to charakes reference to the solicitation and this amendment. 12. ACCOUNTING AND APPROPRIATION DATA (If recognitions)	or to the hour and date specification of the amendment; (derence to the solicitation and RECEIPT OF OFFERS PRIOR ange an offer already submitted and is received prior to the or	ied in the solicitation (b) By acknowled amendment num TO THE HOUR and, such change is	on or as amended, by one of the figure of th	ollowing methods: each copy of the offer submitted; OWLEDGMENT TO BE SULT IN REJECTION OF YOUR	
N/A	DUES ONLY TO MOD	VEICATIONS	OF CONTRACTS/ORDER	20	
	THE CONTRACT/ORD	ER NO. AS	ESCRIBED IN ITEM 14.	•	
X B. THE ABOVE NUMBERED CONTRACT/OR appropriation date, etc.) SET FORTH IN ITEM	14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	changes in paying office,	
C. THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT	TO AUTHORITY	OF:		
D. OTHER (SPECIFY TYPE OF MODIFICATION	ON AND AUTHORITY)		· · · · · · · · · · · · · · · · · · ·	 	
E. IMPORTANT: Contractor is not. is is	required to sign this docum	ent and return	copies to the issuing of	fice.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION The purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of this modification is to element of the purpose of the	xercise the option perio				
A. Section B. B.2, Level-of-Effort, Parahours added for option periods three three		erein is hereb	y replaced by the following	g to include	
	(CONT)	INUED)	•		
Except as provided herein, all terms and conditions of the	ne document referenced in iter	ار π 9A or 10A,æsh	recotore changed, rentains uncha	anged and in full force and effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME A	D TITLE OF CONTRACTING OF	FICER (Type or print)	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	l Y	STATES OF AMERICA	16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (Skg	inature of Contracting/Officer)	JUN 2 0 1996	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105		RD FORM 30 (Rev. 10-83)	

FILE COPY

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

In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in Paragraph C below." В. Section B, B.3, Estimated Cost, Award Fee and Fixed Fee, is amended by the following to include the cost and fee associated with adding option periods three through eight. The total increase in cost is \$906,000 and the total increase in fixed fee is \$60,000. "B.3 ESTIMATED COST, AWARD FEE AND FIXED FEE A. The estimated cost of the contract is exclusive of the award and a fixed fee of The total of the estimated cost, award fee and fixed fee is \$10,268,968. A base fee shall not be paid under the contract." C. Section F, F.2, Period of Performance, is hereby replaced by the following: "F.2 PERIOD OF PERFORMANCE (NASA 18-52.212-74) (DEC 1988) The period of performance shall be 66 months from the effective date of this contract" Section H, H.10, Wage Determinations and Fringe Benefits, is revised to reflect the D. following changes: Number Revision Date 94-2544 6 6/20/95 "H.3 CONTRACT FUNDING (NASA 18-52.232-81) (MAR 1989) E. For purposes of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is covers the following period of performance: June 22, 1991 through July 26, 1996. (b) An additional amount of second is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

)

F.

CONTRACT DABULATION

Basic \$3,292,000 \$437,000 Mod. 1 0 0 0 Mod. 2 0 500,000 0 Mod. 3 615,600 115,654 0 0 Mod. 5 0 0 0 0 0 Mod. 6 0 400,000 <			CPAF/FF	Funding] ± 0 [€
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Mod. 36 <u>966.000</u> <u>0</u>	Mod. 34				
				289,893	
\$10,268,968 \$9,302,968	Mod. 36			0	
			\$10,268,968	\$9,302,968	

^{*}Includes ** Includes		OMB /	Approval #: 270 .2	
AMENDMENT OF SOLICITATIONS	MODIFICATION OF CO		1. CONTRACT IS SODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION				1 3
2. AMENDMENT/MODIFICATION NO.	SEFECTIVE 1956		IONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
35	74 11 12 1000)		See Block 12.	1 2005
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001				
1 ap.o; 171 20001 0001				
S. NAME AND ADDRESS OF CONTRACTOR (No.,	error court State and To Co		Total AMENENT OF SOLIC	STATION NO
S. MANIE AND ADDITION OF CONTRACTOR (AD.,	. street, county, state, and zip co	(x)	SAL AMENDMENT OF SOLIC	STATION NO.
~			1	
Calspan Advanced Technology Cent	ier			
Attn: Thomas Beck			9B. DATED (SEE ITEM 11)	
Senior Contracts Manager			1	
P. O. Box 400			10A, MODIFICATION OF CO	NTRACT/ORDER NO
		Į		mired nonectino.
4455 Genesee Street		į	NAS1-19385	
Buffalo, NY 14225		X	1	
			108. DATED (SEE ITEM 13)	
CODE FACI	ILITY CODE		6/22/91	
		AMENDMEN		
	TEM ONLY APPLIES TO			
The above numbered solicitation is amended as	s set forth in item 14. The hour a	nd date specified	for receipt of Offers	nded, is not extended.
Offers must acknowledge receipt of this amendment	prior to the hour and date specific	ed in the solicitat	on or as amended, by one of the	following methods:
(a) By completing Itams 8 and 15, and returning		(b) Do and an and and		
or (c) By separate letter or telegram which includes a		(0) by acknowled amendment num	ging raceipt or this amendment of there FAILURE OF YOUR ACK	in each copy of the offer submitted;
RECEIVED AT THE PLACE DESIGNATED FOR TH	IE RECEIPT OF OFFERS PRIOR	TO THE HOUR	AND DATE SPECIFIED MAY RE	ESULT IN REJECTION OF YOUR
 OFFER. If by virtue of this amendment you desire to 	change an offer aiready submitte	ed, such change i	may be made by telegram or lette	r, provided each telegram or letter
makes reference to the solicitation and this amendm 12. ACCOUNTING AND APPROPRIATION DATA (ent, and is received prior to the o	pening hour and	date specified.	
PR: DA.1038; R20805; \$289,893 C		1510 1510110		
	APPLIES ONLY TO MOD			
II MODIFIE	S THE CONTRACT/ORD	ER NO. AS L	ESCRIBED IN ITEM 14.	
(x) A. THIS CHANGE ORDER IS ISSUED PU	HSUANT TO: (Specify authority)	THE CHANGES	SELFORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT ORDER
X B THE ABOVE NUMBERED CONTRACT				
I D. ITTE ABOVE HOUSE TED CONTINUES	ORDER IS MODIFIED TO REFL	ECT THE ADMIN	IISTRATIVE CHANGES (such as	s changes in paying office,
appropriation date, etc.) SET FORTH IN IT				
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
0.07050/0050/5/7/7/5				
D. OTHER (SPECIFY TYPE OF MODIFIC	ATION AND AUTHORITY)			
E. IMPORTANT: Contractor X is not,	is required to sign this docum	ent and return	1 copy to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION	ON (Organized by UCF section h	eadings, includin	g solicitation/contract subject ma	itter where feasible.)
· · · · · · · · · · · · · · · · · · ·				
The purpose of this modification is	s to add incremental fun	iding pursua	nt to the Contract Fund	ing clause of the
contract. Accordingly, the contract	t is modified as follows	:		
3,7	•			
A C				
A. Section H, H.3, Contract Fund				al funding in the amount
of \$289,893 of which sis	added to cost and	is added	to fee.	
	(CON	ITINUED)		
	(00)	וווועטבטן		
Except as provided herein, all terms and conditions of	of the document referenced in iter	m 9A or 10A. eat	teratofore changed, remains und	henced and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print))	16A NAME A	ND TITLE OF CONTRACTING O	DEFICER (Type or pdnt)
, , ,				a coza (cype a pany
		DICTIA	DD C CITICI ED	
		RICHA	RD C. SHISLER	
158. CONTRACTOR/OFFEROR	1.60 0.25	 	<u> </u>	
SOL SOM PACTONOFFEROR	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	18C. DATE SIGNED
		In 1/1	/X $//$	
(Signature of person authorized to sign)	 	BY /	onature of Contracting Officer)	APR 1 8 1996
NSN /540-01-152-8070	70.	105		ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE	30	-		d by GSA

COPY

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

"H.3 CONTRACT EUNDING (NASA 18-52.232-81) (MAR 1989)

Funds clause, the total amount allotted by the Government to this contract is and covers the following period of performance: June 22, 1991 through June 21, 1996.

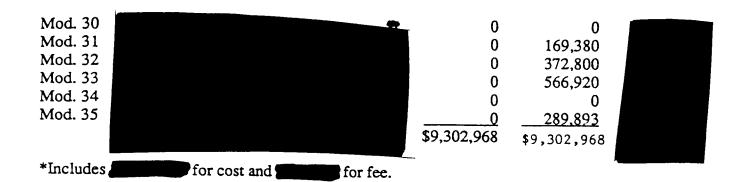
(B) An additional amount of solding is obligated under this contract for payment of fee."

B. All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$ 437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13 Mod. 14				0	1,125,312	
Mod. 14 Mod. 15				0	0	
Mod. 15				0	0	
Mod. 10 Mod. 17				0	16,574	
Mod. 17 Mod. 18				110,424	75,000	
Mod. 19				Ü	0	
Mod. 20				1 622 000	0	
Mod. 21				1,633,000 0	772,994	
Mod. 22				0	0 1,060,495	
Mod. 23				0	1,000,493	
Mod. 24				3,692,000	. 708,700	
Mod. 25				0	. 708,700	
Mod. 26				0	0	
Mod. 27				Ő	1,516,780	
Mod. 28				Ö	0	
Mod. 29				0	50,000	
					Page 2 of 3	

Page 2 of 3 NAS1-19385 Modification No. 35



		CMB A		
AMENDMENT OF SOLICITATION	MODIFICATION OF C	ONTRACT	1, CONTRACT 10 CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. SEFFECTIVE DATE	4 AEGUISITI	ONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
34 3005 37 3005	7-17-16	7. ADMINIST	ERED BY (If other than item 3)	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
3. NAME AND ADDRESS OF CONTRACTOR (No	., street, county, State, and Zip C	cde) (x)	BAL AMENDMENT OF SOL	CITATION NO.
Calspan Advanced Technology Cer Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	nter	X	98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONAST-19385	CNTRACT.ORDER NO.
CODE	CILITY CODE		6/22/91	,
	ITEM ONLY APPLIES TO	AMENDMEN		S
Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes RCEIVED AT THE PLACE DESIGNATED FOR TOFFER. If by virtue of this amendment you desire makes reference to the solicitation and this amend 12. ACCOUNTING AND APPROPRIATION DATA 13. THIS ITEM IT MODIFIED AND APPROPRIATION DATA (X) A. THIS CHANGE ORDER IS ISSUED FOR ITEM 10A.	copies of the amendment is a reference to the solicitation and the RECEIPT OF OFFERS PRIOR to change an offer already submitment, and is received orior to the (If required) APPLIES ONLY TO MORS THE CONTRACT/OR	(b) By acknowled damendment num in TO THE HOUR ted, such change a poening hour and DIFICATIONS	ging receipt of this amendment iners. FAILURE OF YOUR AC AND DATE SPECIFIED MAY Finally be made by telegram or let date specified. OF CONTRACTS/ORD DESCRIBED IN ITEM 14	on each copy of the offer submitted: KNOWLEDGMENT TO BE RESULT IN REJECTION OF YOUR ster, provided each telegram or letter DERS,
B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	ITEM 14, PURSUANT TO THE A	UTHORITY OF FA	R 43,103(b).	as changes in paying office,
X C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUAN	T TO AUTHORITY	OF:	
Mutual Agreement D. OTHER (SPECIFY TYPE OF MODIF	ICATION AND AUTHORITY)			
E. IMPORTANT: Contractor is not,	is required to sign this docu	ment and return	1 copy to the issuing office	<u> </u>
The purpose of this modification (Standard Form (SF) 295) from Accordingly, Exhibit A, Paragra	is to revise the frequent quarterly to semiannual	neadings, including the control of t	ng solicitation/contract subject in tal of the Summary Su e the mailing address (namer where leasible.) abcontract Report
	(CC	(GBUNITN		
Excapt as provided herein, all terms and condition		tem 9A or 10A, as	neretolore changed, remains ur AD TITLE OF CONTRACTING	nchanged and in full force and effect. CEFICES (Type or arint)
15A. NAME AND TITLE OF SIGNER (Type or pri THOMAS W. BECK	nt)	DICII)	and suren Es	Corrido of Samp
Senior Contracts Manager		- RICHA	and distributed	
154 CONTRACTORIOFFERON WOWN W. BLA (Signature of person authorized to sign)	8 FEB 96	3Y // (S	gnature of Contracting Officery	16C. DATE SIGNED 2-12-56
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	:	30-105		DARD FORM 30 (Rev. 10-83) bed by GSA

...

ME COPY

Prescribed by GSA FAR (48 CFR) 53.243

"H. Subcontracting Reports - The Contractor shall submit Standard Form (SF) 294. Subcontracting Report for Individual Contracts and Standard Form (SF) 295. Summary Subcontract Report, in accordance with the instructions on the reverse side of the form except the SF 294 shall be submitted quarters and the SF 295 shall be submitted semiannually."

NOTE: The reporting periods are specified in Block 4 of the attached SF 295.

B. The mailing address of Calspan Corporation shall be changed to the following and will be reflected in Block 8 of this modification:

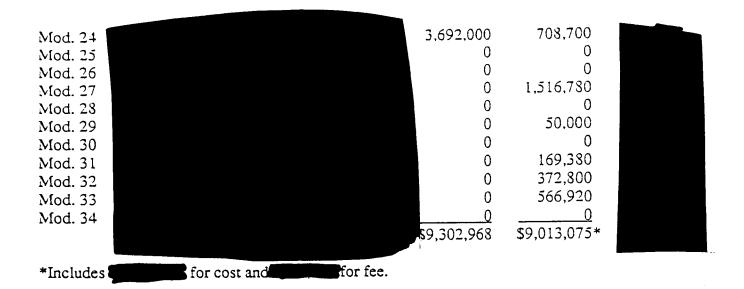
"Calspan Advanced Technology Center P. O. Box 400 4455 Genesee Street Buffalo, NY 14225"

All other terms and conditions shall remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$ 437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0 .	0	
Mod. 19				0	0	
Mod. 20				1,633,000	772,994	
Mod. 21				0	. 0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
					Page 2 of 1 NAS1-193	

NAS1-19385 Modification No. 34



1

• • • • • • • • • • • • • • • • • • • •	CONTRACT REPORT		OMB No.: 90	000-0007
See instruction of the spireton of information	tions on reverse)	Cours out tempores local	Expires: 0:	
searching existing data sources, gathering and maint comments regarding this burden estimate or any other a Secretanat (VRS). Office of Federal Acquisition Policy, G	aining the data needed, an apect of this collection of inf	d completing and reviews ormation, including sugges	ing the collection of	informacion.
1. CORPORATION, COMPANY OR SUB	BOLVERON COVERED	3. DATE SUBMI	TTED	
A COMPANY NAME				
B. STREET ADDRESS			4. REPORTING PERIOD	
e. CITY	d. STATE e. LP COOE	OCT 1 -	OCT 1- SET 30	AR
			5. TYPE OF REPORT	
2. CONTRACTOR'S ESTABLISHMENT CODE		☐ REGULAR	FRIAL [₩EVISED
S. ADM	INISTERUNG ACTIVITY PROCES OF	Neck applicable baxl	·	
NAVY D	DEFENSE LOGISTICS AGENCY NASA ISA	DOE OTHER FEE	ERAL AGENCY (Somoty)	
7. REPORT SUBMITTED AS (Check one)	1	8. TYPE OF PLA	N	
PRIME CONTRACTOR SOTH	NOVIDUAL	С С С С С С С С С С С С С С С С С С С	ZAL PRODUCTS	
SUBCONTRACTOR	IF FLAN IS A COMMERCIAL PRODU COLLARS ON THIS REPORT ATTRI	ICT PLAN, SPECIFY THE PERCENT BUTABLE TO THIS AGENCY.	AGE OF THE	
9. CON'	TRACTOR'S MAJOR PRODUCTS	OR SERVICE LINES		
a	c			
р .	d			
	VE FISCAL YEAR SUBCO Suletive figures for reporti			
TY	PE		WHOLE DOLLARS	PERCENTO NEAREST
10a. SMALL BUSINESS CONCERNS (Include SDB, (Dollar Amount and Percent of 10c.)	, WOS8, HBCU/MI)			
105. LARGE BUSINESS CONCERNS (Dollar Amoun	nt and Parcent of 10c.)			
IOC. TOTAL (Sum of 10s and 10b.)				100.0°
11. SMALL DISADVANTAGED (SDB) CONCERNS	Dollar Amount and Pare	cant of 10c.)		
2. WOMEN-OWNED SMALL BUSINESS (WOSB) (Dollar Amount and Parcent of 10c.)	CONCERNS			
13. HISTORICALLY BLACK COLLEGES AND UNI INSTITUTIONS (MI) (If applicable) (Dollar Am				
4. REMARKS	· · · · · · · · · · · · · · · · · · ·			
15. CONTRACTOR'S	OFFICIAL WHO ADMINISTERS	SUBCONTRACTING PROGRAM	1	
. NAME	e. mlž			SEMUN BIO
			AREA CODE N	MREN
	I & CHIEF EXECUTIVE OFF	CER		
NAME		e. SKIMATURE		
. me		d. DATE		
		J		

		CMB /	Addraval #1 2, 55-0042	
AASENDAAENT OF COLICITATION	MODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION			100000000000000000000000000000000000000	5. PROJECT NO. (If applicable)
2. AMENOMENT/MODIFICATION NO.	JAN 2 4 1996	1	IONPURCHASE REG. NO.	5. PHOSECT NO. (If applicable)
33 d. (SSUED BY CODE	JAN 2 4 1550		See Block 12. ERED BY (If other than item 6)	CODE
6. 155CED 54 COUE		. AUMINIST	EHEU SY (II biner man lem a)	CCDE
	•			
National Aeronautics and Space	Administration	1		
Langley Research Center				
Hampton, VA 23681-0001				
(ampton, 177 25001 0001				
B. NAME AND ADDRESS OF CONTRACTOR (No.	was as as Stars and To Co	1 (12)	9A. AMENDMENT OF SOLIC	TATION NO
3. HANIE AND ADDRESS OF CONTRACTOR (NO.	, street, county, State, and 2:p Co	(x)	SAL AMENDIMENT OF SCEN	MATION NO.
Calspan Corporation				
Services Contracts Division			98. DATED (SEE ITEM 11)	
110 Mitchell Boulevard				
Tullahoma, TN 37388			10A. MCDIFICATION OF CO	NTRACT/CROER NO
1 411.4101114, 114 3/300				
			NAS1-19385	
		X		
			108. DATED (SEE ITEM 13)	
CODE FAC	ILITY CODE		6/22/91	
		ANTHONICS		
	TEM ONLY APPLIES TO			
The above numbered solicitation is amended a	s set forth in Item 14. The hour a	nd date specified	for receipt of Offers 🔲 is exter	nded, is not extended.
Offers must acknowledge receipt of this amendmen	t prior to the hour and date specifi	ed in the solicitati	ion or as amended, by one of the	following methods:
(a) Tu completing Items 0 and 15 and as price				
 (a) By completing Items 8 and 15, and returning or (c) By separate letter or telegram which includes 				n each copy of the offer submitted;
RECEIVED AT THE PLACE DESIGNATED FOR TH				
OFFER. If by virtue of this amendment you desire to				r, provided each telegram or letter
makes reference to the solicitation and this amendm	tent, and is received orior to the o	pening hour and	date specified.	
12. ACCOUNTING AND APPROPRIATION DATA		ad (Camples		
PR: DAI.1088: R19837: 505-59-85				36
			OF CONTRACTS/ORDE DESCRIBED IN ITEM 14.	.no,
(x) A. THIS CHANGE ORDER IS ISSUED PL				ADE IN THE CONTRACT ORDER
NO. IN ITEM 10A.	TO. (Specify admissing)	THE SHANGE	3 321 37111 11 12 14 17 21 21	ADE III III GGIII AGE
X 3. THE ABOVE NUMBERED CONTRACT	CORDER IS MODIFIED TO REE	ECT THE ADMIN	HETPATIVE CHANGES (SUCh as	changes in paying office
appropriation date, etc.) SET FORTH IN IT				changes in paying since,
C. THIS SUPPLEMENTAL AGREEMENT				
O. THIS GOT ! ELIMENTIAL AGREEMENT	IS ENTERED INTO FORGOANT	10 AGTAIGHT	3 1.	
D. OTHER (SPECIFY TYPE OF MODIFIC	ATION AND AUTHORITY	**		
	,			
E. IMPORTANT: Contractor X is not,	is required to sign this docum	ent and return	copies to the issuing	office.
14. DESCRIPTION OF AMENDMENT/MODIFICATI				
	, •	·	,	
The purpose of this modification	on is to add increment	al funding r	oursuant to the Contra	ct Funding Clause
			•	et i didnig ciado
of the contract. Accordingly, the	he contract is modified	d as follow	S:	
A Section H H 2 Comment	Eunding is baraby mo	looad beeth	a following to raflect	additional funding in
A. Section H, H.3, Contract		•		
the amount of \$566,920 of wh	ich is added	l to cost and	d is added to	fee.
			•	
	(CON	ITINUED)		
	•	,		
Except as provided herein, all terms and conditions				
15A. NAME AND TITLE OF SIGNER (Type or print	,	16A, NAME A	ND TITLE OF CONTRACTING O	FFICER (Type or print)
		,		
		RICHA	RD d.,SHISLER \	
		1 7	/10 /	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
		/		
		3Y		7AH 2 4 15
(Signature of person authorized to sign)			gnature of Contracting Officer)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE	30-	105		ARD FORM 30 (Rev. 10-83)
10011 011007012			Prescribed	a uy wan

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

"HOLD OF LEACH HOLD ENGLINE AND 18-52.232-81) (MAR 1989)

Limitation of female diameters and amount of a set, exclusive of fee, in accordance with the Limitation of female diameters and amount of performance:

June 22, 1991 through May 10, 1996.

of fee."

B. All other contract provisions remain unchanged.

CONTRACT TABULATION

	<u>Est. Cost</u>	Award Fee	Fixed Fee	CPAF/FF	Funding	LOE
Basic				\$3,292,000	\$ 437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500.000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10				0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125.312	
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16.574	
Mod. 17 Mod. 18				110,424	75,000	
Mod. 18 Mod. 19				0	0	
Mod. 19 Mod. 20				0 1.633,000	772.004	
Mod. 21				0.033,000	772,994 0	
Mod. 22				0	1,060,495	
Mod. 23				0	1,000,493	
Mod. 24				3.692.000	708,700	
Mod. 25				0.072.000	. 0	
Mod. 26				ő	. 0	
Mod. 27				ő	1.516.780	
Mod. 28				Ö	0	
Mod. 29				Õ	50.000	
Mod. 30				Ö	0	
Mod. 31				Ö	169,330	
		-			_	

Page 2 of 3 NAS1-19385 Modification No. 33

AMENDMENT OF SOLICITA "	N/MOD	IFIC	ATION	OF CONTRACT	1. CONTRAC	r 10 CODE	PAGE OF
2. AMENOMENT/MODIFICATION NO.	J. EFFE	CTIV	1995	4. REQUISITION/PU	ASE REQ. N	O. S. PROJECT	T NO. (If appl
32 6. (\$\$UED BY	DEC			See Block		(tem 6)	T
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	⊆ Admi	nist	tration			COOE	
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, co	ounty,	State and	ZIP Code)	(√) 9A. AME	NOMENT OF SOL	CITATION
Calspan Corporation Services Contracts Div 110 Mitchell Boulevard Tullahoma, TN 37388	ision				10A. MO.	S1-19385	CONTRACT/C
					_1 ''I	EO (SEE ITEM 1.	3)
CODE	FACILIT					22/91	
11. THIS ITE	MONLY	APP	LIES TO	AMENDMENTS OF S	OLICITATION	<u> </u>	
(a) By completing Items 8 and 15, and returning	ch include IATED FO this ame ce to the III require III require III PLIES OF THE CONTINUE III THE CONTINUE III III III III III III III III III I	es a reconstruction of the construction of the	ference to HE RECEIS Int you desi ation and I \$372.8 TO MOD ACT/ORD	the solicitation and amend to FOFERS PRIOR To FOFERS PRIOR To the to change an offer airea his amendment, and is recommended. 300 Obligated (FOFERS PRIORS OF CONTERS NO. AS DESCRIB	Iment numbers. In O THE HOUR A OF THE HOUR A OF THE HOUR A OF THE HOUSE A SERVICE TO THE HOUSE A OF THE HOUSE A	PAILURE OF YOU AND DATE SPECIFI uch change may be e opening hour and DERS, 14.	UH ACKNOW FIED MAY Bi made by teleg d date specifia
B. THE ABOVE NUMBERED CONTRACT/OR appropriation date, etc.) SET FORTH IN IT. C. THIS SUPPLEMENTAL AGREEMENT IS E O. OTHER (Specify type of modification and a	NTERED) H Z ()	ANTIOT	HE AUTHORITY OF PA	× →3.103(b).	NGES (such as cha	nges in paying
E. IMPORTANT: Contractor X is not,	is requ	uired	to sign th	is document and return	n co	opies to the issuit	ng office.
14. DESCRIPTION OF AMENDMENT/MODIFICAT							
The purpose of this modifical Funding Clause of the contract A. Section H, H.3, Contract additional funding in the amount of the contract of t	ct. A Fundi	ccor ng.	rdingly is her	e, the contract reby replaced by	is modifi the foll	ed as follo	ows: eflect
is added to fee.			,				
Except as provided herein, all terms and conditions of and effect	(CON	TINU	JED ON	ATTACHED PAGE		, remains unchange	
13A. NAME AND TITLE OF SIGNER (Type or print)			RICHARD C.	SALSLER		
(Signature of person authorized to sign)	150	C. OA	TE SIGNED	BY (Signature	Contracting O		16C DATES
indicate of barrows as not real of the				<u> </u>			20.425

"H.3 / Y 10 / 14 / 17 / 18 / 18 / 18 / 18 / 1989)

with the Limit of the activities of the following period of performance:

June 22, 1941 the sign diaman, 31, 128.

(5 An afficient' amount of is obligated under this contract for payment of fee."

B. All other contract provisions remain unchanged.

CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Fixed Fee</u>	CPAF/FF	<u>Funding</u>	<u>LOE</u>
Basic				\$3,292,000	\$ 437,000 0	
Mod. 1 Mod. 2 Mod. 3 Mod. 4				0 0 0 615,600	63,000 500,000 115,654	
Mod. 5 Mod. 6 Mod. 7 Mod. 8				0 0	400,000 1,042,000 (110,931)	
Mod. 9 Mod. 10 Mod. 11				0	52,000 32,397 0 47,000	
Mod. 12 Mod. 13 Mod. 14 Mod. 15				0 0 0	1,125,312	
Mod. 16 Mod. 17 Mod. 18				0 110,424 0	16,574 75,000 0	
Mod. 19 Mod. 20 Mod. 21				1,633,000 0 0	772,994 0 1,060,495	
Mod. 22 Mod. 23 Mod. 24 Mod. 25				0 3,692,000 0	708,700	
Mod. 26 Mod. 27 Mod. 28 Mod. 29				0 0 0 0	1,516,780 0 50,000	
Mod. 30 Mod. 31 Mod. 32				0 0 0 59,302,968	0 169,380 372,800 \$3,446,155*	

*Includes for for four and for fee.

Page 2 of 2 NASI-19385 Modification No. 32

			TI. CONTRACT TO CO	Dr iaas
AMENDMENT OF SOLICIT O	N/MODIFICATION	OF CONTRACT	1. 25. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	PAGE C
2. AMENOMENT/MODIFICATION NO.	OCT 26 1995	See Block 1		QL 111 . ON TOBLORG
6. ISSUED BY CODE		7. HOMINISTERED 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 (No	., street, county, State and .	ZIP Code)	() PA. AMENOMEN	T OF SOLICITATIO
Calspan Corporation Services Contracts Divis 110 Mitchell Boulevard Tullahoma, TN 37388	sion		NAS1-1938 X 108. DATED (SE	TION OF CONTRACT
CODE	FACILITY CODE		6/22/91	
11. THIS ITE	MONLY APPLIES TO	AMENDMENTS OF S	OLICITATIONS	
submitted; or (c) By separate letter or telegram when to be received at the place design respection of your offer. If by virtue cletter, provided each telegram or letter makes refere 12. Accounting and appropriation data P/R DAI.1088; R19837; 505-59-85 13. This item as it modifies A. This change order is issued purs tract order no. in item 10a. B. The above numbered contract/oappropriation date, etc.) set forth in its contraction date, etc.) set forth in its	NATED FOR THE RECEIP of this amendment you desire need to the solicitation and the control of th	TOF OFFERS PRIOR T e to change an offer airea nis amendment, and is rec Obligated (Pai IFICATIONS OF CON ER NO. AS DESCRIB ITY) THE CHANGES SET DEFLECT THE ADMINIS HE AUTHORITY OF FA	O THE HOUR AND DA dy submitted, such chan eived prior to the openin TTALTS/ORDERS, ED IN ITEM 14. FORTH IN ITEM 14 A TRATIVE CHANGES (s R 43.103(b).	TE SPECIFIED MAY ge may be made by te ng hour and date specifies RE MADE IN THE CO
D. OTHER (Specify type of modification and E. IMPORTANT: Contractor X is not,		s document and return	copies to	the issuing office.
The purpose of this modification of the contract	TION (Organized by UCF in	etion headings, including remental fundir	solicitation/contract sub	the Contract
A. Section H, H.3, <u>Contract F</u> additional funding in the amounts added to fee.	Funding, is hereb unt of \$169,380 o	y replaced by t f which	the following to	o reflect cost and
			Ma	an amorphis
Except as provided herein, all terms and conditions of	(CONTINUED ON AT	. `	tofore changed, remain	s unchanged and in fu
ind effect. 15A. NAME AND TITLE OF SIGNER (Type or prin	1()	16A. NAME AND TITL	OF CONTRACTING C	FFICER TYPE OF 2
	ı	RICHARD .C. S	HISLER	
158. CONTRACTOR/OFFEROR		BY (STATES)	Of AMERICA of Contracting Officer)	16C DATE
(Signature of person suthorized to sign)) W (Signature)	o, commercial Officer)	1,00

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

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30-105

STANDARD FORM 30 (RE Prescribed by GSA FAR (46 CFR) 53.243

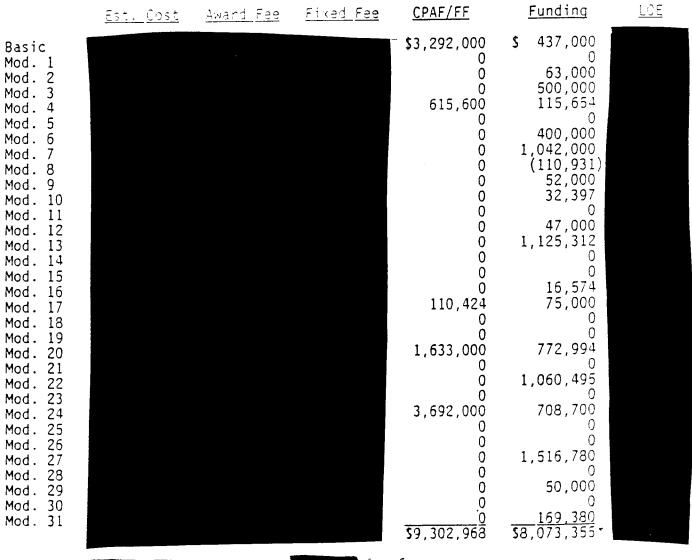
"H.3 C TO See the The NAVA E 2017 17:31) (MAR 1989)

with the Eigense of the weight of an expension and the Government to this continue of \$\frac{1}{2} \frac{1}{2} \fr

(5) An affictional amount of \blacksquare is obligated under this contract for payment of feet."

B. All other contrast provisions remain unchanged.

CONTRACT TABULATION



*Includes for sost and for fee.

Page 2 of 2 NASI-19385 Modification No. 31

AMENDMENT OF SOLICITA)	N/MODIF	FICAT	ION (OF CONTRACT	11. C	ONTAME. TO		1
Z. AMENOMENT/MODIFICATION NO.	NOY			A. REQUISITION/PUH	IAS	E REQ. NO.	S. PROJECT	NO. (If ap
6. ISSUED BY		15	395	17. HOMINISTERED BY	(11 0	iher than Item	6)	Γ
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001		istra	tion				CODE	
S. NAME AND ADDRESS OF CONTRACTOR (No.	, street, cou	inty. Sta	te and 2	(IP Code)	(4)	9A. AMENON	MENT OF SOL	ICITATIO
Calspan Corporation Services Contracts Divis 110 Mitchell Boulevard Tullahoma, TN 37388	sion			•	X		SEE ITEM II)	
					ا د	108. DATED 6/22/9		D
CODE	FACILITY		2 70	ALIENGALENZO OF C	1		1	
The above numbered solicitation is amended as				AMENDMENTS OF S			is extende	
offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram with MENT TO BE RECEIVED AT THE PLACE DESIGN IN REJECTION OF YOUR OFFER. If by virtue of letter, provided each telegram or letter makes referen	copies ich includes NATED FOI	of the a refere	amendo nce to ti RECEIP	nent: (b) By acknowledgine solicitation and amend TOF OFFERS PRIOR To to change an offer already	ing red Iment O THI dv sul	eipt of this am numbers, FAII E HOUR AND bmitted, such o	endment on ex LURE OF YOU DATE SPECIF thange may be	ich copy of UR ACKNO FIED MAY made by te
12. ACCOUNTING AND APPROPRIATION DATA N/A	(If required)						
13. THIS ITEM AP	PLIES ON	ILY TO	MOD C/ORD	IFICATIONS OF CON ER NO. AS DESCRIB	ITRA ED I	CTS/ORDER	₹\$,	
TRACT ORDER NO. IN ITEM 104.	JANT TO:	(Specify	author	in) THE CHANGES SET	FOR	TH IN ITEM I	4 ARE MADE	INTHES
B. THE ABOVE NUMBERED CONTRACT/OF appropriation date, etc.) SET FORTH IN IT	ROER IS ME	ODIFIE	D TO R	EFLECT THE ADMINIS	TRAT R 43.	IVE CHANGE	S (such as cha	iges in pay:
X Mutual Agreement	NTEREDI							
O. OTHER (Specify type of modification and a	suthority)							
E. IMPORTANT: Contractor is not.	X is requ	ired to	sign th	is document and retur	n	_3 copie	s to the issui	ng office.
The purpose of this modificat Subcontracts.	ion is	to de	elete	Clause 18-52.2	204-	/U, Kepor	CAN NO J	A
Accordingly, Section I - Cont (48 CFR Chapter 18) Clauses," Subcontracts (DEC 1988).	ract C1 is ame	auses inded	s, su by d	bparagraph enti eleting Clause	tle 18-	d "NASA F 52.204-70	у, керогс	OH WAS
				. •	•		F. F. M.	-Oc.
	`			TTACHED PAGE)	· .			a and in the
Except as provided herein, all terms and conditions of and effect.		ment refe	erenced	in Item 9A on 10A, as ne	retato A OF	CONTRACTION	NG OFFICER	Type or 2
THOMAS W. BECK Senjor Contracts Manager	17)			RICHARD C.	3HI	S L ER		
Mon W. Jul	1	DATE		BY (SEE STATES	\leq	MERICA		1)-7
(Signature of person authorized to sign)				Signature	J1 40		ANDARD FO	OM 30 (R:

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE 30-105

STANDARD FORM 30 (REPRESCIONAL DESA PROSECTION OF STANDARD FOR (48 CFR) \$3.243

CONTRACT TABULATION

	Est. Opst	Award Foo	Ficed Fae	CPAF/FF	<u>Funding</u>	LNE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 10 Mod. 11 Mod. 12 Mod. 13 Mod. 14 Mod. 15 Mod. 15 Mod. 16 Mod. 17 Mod. 18 Mod. 21 Mod. 21 Mod. 22 Mod. 23 Mod. 24 Mod. 25 Mod. 25 Mod. 27 Mod. 28 Mod. 30	Est. Cost	Award Fee	Ficed Fac	\$3,292,000 0 0 0 615,600 0 0 0 0 0 0 0 0 0 110,424 0 1,633,000 0 0 0 0 0 0 0 0 0 0 0 0	Funding \$ 437,000 63,000 500,000 115,654 400,000 1,042,000 (110,931) 52,000 32,397 47,000 1,125,312 0 16,574 75,000 772,994 1,060,495 0 708,700 0 1,516,780 0 50,000	
				\$9,302,968	\$ 7,903,975*	

*Includes for cost and for fee.

AMENDMENT OF SOLICITAT	I/MODIFICATION O		TI CONTRACT ID	DOCE PAGE	OF 2
Z. AMENOMENT/MODIFICATION NO.	·	A. REQUISITION/PURC	HASE REQ. NO.	S. PROJECT NO. (II	1 applie
29	SEP 1 3 1995	See Block	12.		
6. ISSUED BY CODE		7. ADMINISTERED BY	(If other than I tein t	, cooe	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	e Administration				
3. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State and ZI	P Code)	() 9A. AMENOM	ENT OF SOLICITAT	100 %
Calspan Corporation Services Contracts Div 110 Mitchell Boulevard	ision			EE ITEM 11)	ACT/O-
Tullahoma, TN 37388			NASI-	0385	
			X TOB. DATED		
CODE	FACILITY CODE		6/22/	11	
11. THIS ITE	MONLY APPLIES TO A	MENDMENTS OF SC	LICITATIONS		╗
Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning	copies of the amendment includes a reference to the IATED FOR THE RECEIPT of this amendment you desire to the solicitation and this content of the solicitation and this content of the solicitation and this content of the solicitation and this content of the solicitation and this content of the solicitation and this content of the solicitation and the solicitation	ent: (b) By acknowledging solicitation and amending of OFFERS PRIOR TO to change an offer alreads amendment, and is received. Obligated. (Confications of Confications of Con	ng receipt of this amement numbers. FAIL THE HOUR AND (by submitted, such classived prior to the open TRACTS/ORDER ED IN ITEM 14. FORTH IN ITEM 16. TRATIVE CHANGES 43.103(b).	to the issuing office	y of the KNOWL AY RE. yy telegrapedified
The purpose of this modificate Funding Clause of the contract A. Section H, H.3, Contract additional funding in the amount of the contract of	tion is to add incit. Accordingly, Funding, is herel	cremental fundi the contract i	ing pursuant is modified a the followir	to the Contr is follows: ig to refle <u>ct</u>	act
is added to fee.		·	£ 33	*	
Except as provided herein, all terms and conditions o and effect.			, , ,	ains unchanged and in	
15A. NAME AND TITLE OF SIGNER (Type or prin	u I	RICHARDAC.	SHASHED		
ISB. CONTRACTOR/OFFEROR	ISC DATE SIGNED	GO UNITED STATES	DF AMERICA	16C.0A	ATE SI
(Signature of person suthorized to sign)		Bignatura	of Contracting Office		<u></u>
NSN 7540-01-152-8070	30-10	05	STA	NDARD FORM 30	REV

PREVIOUS EDITION UNUSABLE

"H.3 CONTRACT FUNE NG CAS A [04-01, 101-31] (MAR 1989)

with the Limitation of Funda places, the total amount alloted by the Government to this contract is an indexery the following period of performance:

June 22, 1991 through October 31, 1995.

(b) An additional amount of is obligated under this contract for payment of fee.'

B. All other contract provisions remain unchanged.

CONTRACT TABULATION

	Est. Cost	<u>Award Fee</u>	Fixed Fee	CPAF/FF	<u>Funding</u>	LOE
Basic				\$3,292,000	\$ 437,000	
Mod. 1 Mod. 2				0.	0 63,000	
Mod. 3 Mod. 4				0 615,600	500,000 115,654	
Mod. 5				013,000	0	
Mod. 6 Mod. 7				0	400,000 1,042,000	
Mod. 8				0	(110,931) 52,000	
Mod. 9 Mod. 10				0	32,397	
Mod. 11 Mod. 12				0	0 47,000	
Mod. 13				0	1,125,312	
Mod. 14 Mod. 15				0	0	
Mod. 16 Mod. 17				0 110,424	16,574 75,000	
Mod. 18				0	73,000	
Mod. 19 Mod. 20				0 1,633,000	0 772,994	
Mod. 21				0	0	
Mod. 23				0	1, 06 0,495 0	
Mod. 24 Mod. 25				3,692,000	708,700 0	
Mod. 26				Ö	0	
Mod. 27 Mod. 28				0	1,516,780 0	
Mod. 29				$\frac{0}{$9,302,968}$	<u>50,000</u> \$7,903,975*	
*Includes (£,	or cost and	For	fee.	J. , J. J. J. J. J. J. J. J. J. J. J. J. J.	

Includes for cost and for fee.

Page 2 of 2 NASI-19385 Modification No. 29

AMENDMENT OF SOLICITA	N/MODIFICATION	OF CONTRACT (TE CONTRACT TO	DOUE PAGE
2 AMENOMENT, MODIFICATION NO.	1. EMAR 12" 6 7955	4. REQUISITION/PURC	CHASE REQ. NO.	S. PROJECT NO. III JO
28		N/A	III when the a Item	
National Aeronautics and E Langley Research Center Hampton, VA 23681-0001	ccoe L Space Administration	, Administraces s	(I) other man new	' coos
1. NAME AND ADDRESS OF CONTRACTO	R (No., street, county, State and a	ZIP Code)	(y) JA. AMENOM	ENT OF SOLICITATIO
Calspan Corporation Service Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388			NAS1-	19385
			1 ^	SEE ITEM 13)
CODE	FACILITY CODE		6/22/	91
11. THI	S ITEM ONLY APPLIES TO .	AMENDMENTS OF S	OLICITATIONS	
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 IN REJECTION OF YOUR OFFER. If by vietter, provided each telegram or letter makes 12. ACCOUNTING AND APPROPRIATION N/A	ingcopies of the amendr am which includes a reference to t DESIGNATED FOR THE RECEIP irtue of this amendment you desir reference to the solicitation and the	nent: (b) By acknowledgi he solicitation and amend T OF OFFERS PRIOR To te to change an offer alrea	ing receipt of this ame iment numbers. FAIL O THE HOUR AND (dy submitted, such cr	endment on each copy of URE OF YOUR ACKNO: DATE SPECIFIED MAY Thange may be made by te-
		.5.0.7.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0		
	EM APPLIES ONLY TO MOD FIES THE CONTRACT/ORD			5,
VI A. THIS CHANGE ORDER IS ISSUED TRACT ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify author			ARE MADE IN THE CO
8. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH	ACT/ORDER IS MODIFIED TO R H IN ITEM 14, PURSUANT TO TH	EFLECT THE ADMINIST HE AUTHORITY OF FA	TRATIVE CHANGES R 43.103(b).	; (such as changes in payin
C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED INTO PURSUAL	NT TO AUTHORITY OF	:	
X Mutual Agreement				
O. OTHER (Specify type of modification	n and suthority)			
E. IMPORTANT: Contractor is no	y Y is cognized to sign th	is accument and cours	n 2 conies	to the issuing office
14. DESCRIPTION OF AMENDMENT/MODI				
The purpose of this modifee following the end of changes are made to the	fication is to chang the seventh award f	e the fee struc	ture from awa	ard fee to fixed
A. Section B, B.3, Es entirety and the followi	timated Cost, Award ng is substituted th	Fee and Fixed F erefor:	ee, is hereby	/ deleted in its
			THE STATE OF	المعاولين المعاولين المعاولين المعاولين المعاولين المعاولين المعاولين المعاولين المعاولين المعاولين المعاولين
Except as provided herein, all terms and conditand effect.	(CONTINUED ON A			ains unchanged and in full
15A. NAME AND TITLE OF SIGNER (Type	or annt)	16A. NAME AND FITLE	E OF CONTRACTIN	G OFFICER (Type of prin
Stephen T. Cope	t calf-covernance	DANICE	CL 10K	
Director of Contracts and	1 Self-Governance	PANICE H.	CLAKK OF AMERICA	I OC. DATE
Testo Ti-Com		By Janes	H. Cian	
Aemature of person authorised to	119m) 10 Mar 95	Signature	of Contracting Office	<u>, 3-20</u>
NSN 7540-31-152-8070	19-	105	STA	VER OE MROF GRADIA

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Prescriped by GSA FAR (48 CFR) 11.243

"B.3 Estimated Cost, Award Fee and Fixed Fee

- A. The estimated cost of the contract is a second exclusive of the award fee of and fixed fee of A base fee shall not be paid under the contract.
- B. The earned award fee for the first through seventh periods is as follows:

<u>Period</u>			Earned Award Fee
June 22, 1991 - December December 22, 1991 - June June 22, 1992 - December December 22, 1992 - June June 22, 1993 - December December 22, 1993 - June June 22, 1994 - December	21, 21, 21, 21, 21,	1992 1992 1993 1993 1994	\$ 56,000 58,500 58,600 54,900 50,000 49,600 55,973 \$383,573"

B. Section H, H.6, Options, is changed by deleting Paragraph A and substituting the following therefor:

"A. PRICED OPTIONS/EXTENDED TERM

Pursuant to the Section I clause entitled 'Option to Extend the Term of the Contract (MAR 1989),' the Contractor hereby grants to the Government options to extend the term of the contract for two additional periods, one for twelve and one for twenty-four months each. Such options are to be exercisable by issuance of a unilateral modification. Upon exercise of such option(s) by the Government, the following items will be increased by the amount specified below for each option period.

<u>Item</u>	First Option Period	Second Option Period
Period of Performance (Ref. F.2)	12 months	24 months
Level of Effort (Ref. B.2)	hours	hours
Estimated Cost (Ref. B.3)		
Award Fee (Ref. B.3)		
Award Fee Availability (Ref. B.3) June 22, 1993 - December 21, 1993 December 22, 1993 - June 21, 1994 June 22, 1994 - December 21, 1994		
Fixed Fee (Ref. B.3)		

Page 2 of 4 NASI-19385 Modification No. 28 C. Section H, H.5, Options, is changed by deleting Paragraph B.2 and substituting the following therefor:

"B. PRICED OPTION - ADDITIONAL LEVEL OF EFFORT

2. When any increment of the above option is exercised, the contract cost and fee set forth in B.3, Estimated Cost, Award Fee and Fixed Fee, will be increased using the appropriate rates set forth below for the period in which the option is exercised:

Rate Per Hour

Cost
Fee

Initial Contract Period

First Option Period

Second Option Period

D. Exhibit A, Contract Documentation Requirements, Paragraph I.4, Minimum Reporting Categories, is changed by the following:

Delete

Add

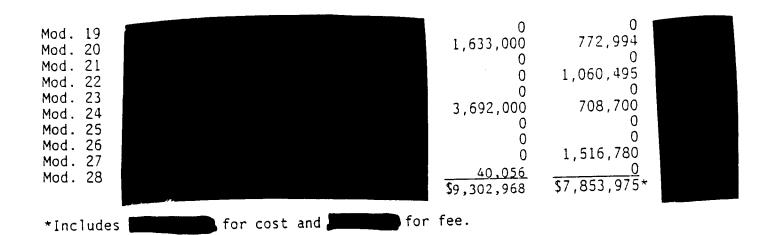
1

Fee Total Cost and Fee Award Fee/Fixed Fee
Total Cost and Award Fee/Fixed Fee

CONTRACT TABULATION

	Est. Cost	<u>Award Fee</u>	Fixed Fee	CPAF/FF	<u>Funding</u>	LOE
Basic Mod. 1				\$3,292,000	\$ 437,000	
Mod. 2				0	63,000	
Mod. 3				ŏ	500,000	
Mod. 4				615,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7 Mod. 8				0	1,042,000	
Mod. 9				U	(110,931) 52,000	
Mod. 10				00	32,397	
Mod. 11				0	32,337	
Mod. 12				ő	47,000	
Mod. 13				. 0	1,125,312	
Mod. 14				0	. 0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17				110,424	75,000	
Mod. 18				0	()	

Page 3 of 4 NASI-19385 Modification No. 23



Δ	MENDMENT OF SOLICI	T. ON/M	ODIFICATION	OF CONTRA	CT , CONTRACT ID C	ODE PAGE OF PAGE;
2. AA	MENDMENT/MODIFICATION NO. 27					
6. IS	SUED BY	CODE	٦. ٨	Y6 OBESTRINIMO	(If other than item 6)	CCDE
	National Aeronautics and Sp Langley Research Center Hampton, VA 23681-0001	pace Admini	stration			
3. 5	NAME AND ADDRESS OF CONTRACT	OR (No., street,	county, State and ZIP		(√) 9A. AMENDMENT C	OF SOLICITATION NO.
	Calspan Corporation	ì	•			
	Services Contracts I				98. DATED (SEE	TEM 11)
	110 Mitchell Bouley	ard				
	Tullahoma, TN 373	88			10A, MODIFICATION	OF CONTRACT/ORDER NO.
						NAS1-19385
				· · · · · · · · · · · · · · · · · · ·	10B. DATED (SEE	ITEM 13) 6/22/91
CCD)E		TY CODE		<u> </u>	
 -	The above number solicitation is am	··· · · · · · · · · · · · · · · · · ·			OF SOLICITATIONS	extended. is not extende
(c) B THE virtur to the	ly completing Items 8 and 15, and return ly separate letter or telegram which inclu- PLACE DESIGNATED FOR THE REC- re of this amendment you desire to char- e solicitation and this amendment, and i	ides a reference to EIPT OF OFFER: ige an offer alreads received prior to	to the solicitation and all S PRIOR TO THE HOU dy submitted , such cha the opening hour and	mendment numbers. IR AND DATE SPECI Inge may be made by	FAILURE OF YOUR ACKNOY FIED MAY RESULT IN REJE	WLEDGEMENT TO BE RECEIVED CTION OF YOUR OFFER. If by
	ACCOUNTING AND APPROPRIATION: DAC.3535; JO: R19837; R		quired) 3-501-00; \$1,516	,780 (complete)	
		13. THIS ITEM	APPLIES ONLY TO M	DDIFICATIONS OF C	ONTRACTS/ORDERS,	
(1)	A. THIS CHANGE ORDER IS ISSUES IN ITEM 10A.	D PURSUANT TO	:(Specify Authority)	THE CHANGES SET	FORTH IN ITEM 14 ARE MA	DE IN THE CONTRACT/ORDER
✓	B. THE ABOVE NUMBERED CONTR. date, etc) SET FORTH IN ITEM 14.				TIVE CHANGES (such as c	hanges in paying office, appropria:
	C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTERES	D INTO PURSUANT TO	AUTHORITY OF:	•	
	D. OTHER (Specify type of modifica	tion and authority)			
						<u> </u>
E. 11	MPORTANT: Contractor X is r	not .	is required to sign this	document and return	copies to the issuing	office.
14.	DESCRIPTION OF AMENDMENT/MO	DIFICATION (O	Irganized by UCF section	n headings, including	· solicitation/contract subject π	natter where feasible)
Th	e purpose of this modification	on is to add i	incremental fund	ing pursuant to	the Contract Funding	g Clause of the contract.
Ac	cordingly, the contract is me	odified as fo	ilows:			
				20		
				SE SE		
ĺ		, =			Clay	
İ		(C	ontinued on Atta	iched Page)	مرسارت	
=-	cept as provided herein, all terms and co	anditions of the de	noument referenced in t	tem 9A or 10A is her	retofore changed remains und	thanged and in full force and effect
	. NAME AND TITLE OF SIGNER (Type		scament leteranced in		D TITLE OF CONTRACTING	
				Panice H. C		
158	CONTRACTOR/OFFEROR	<u>`.</u>	ISC. DATE SIGNED	:68. UNIFED, 3	TATES OF AMERICA	16C. DATE SIGNE
: 	(Signature of person authorized to sit	וחך		15	Signature of Contracting Office	(C) 3 (1 9 4)

TISM 7540-01-152-0070
PREVIOUS EDITIONS UNUSABLE
NASA - Langley Overprint (DEC 1986)

"H.3 Contract in a ling (NASA 18-52,232-81) (MAR 1989)

- (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 and covers the following period of performance:

 June 22, 1991 through October 31, 1995.
- (b) An additional amount of solding is obligated under this contract for payment of fee."

All other contract provisions remain unchanged.

CONTRACT TABULATION

			C	PAF	Funding	1
Basic			\$3,29		\$437,000	
Mod. 1				0	0	
Mod. 2				0	63,000	
Mod. 3				0	500,000	
Mod. 4			61	5,600	115,654	
Mod. 5				0	0	
Mod. 6				0	400,000	
Mod. 7				0	1,042,000	-
Mod. 8				0	(110,931)	
Mod. 9				0	52,000	
Mod. 10	•			0	32,397	
Mod. 11				0	0	
Mod. 12				0	47,000	
Mod. 13				0	1,125,312	-
Mod. 14				0	0	
Mod. 15				0	0	
Mod. 16				0	16,574	
Mod. 17			11	0,424	<i>75,</i> 000	
Mod. 18				0	0	
Mod. 19				0	0	
Mod. 20			1,63	3,000	772,994	
Mod. 21				0	. 0	
Mod. 22				0	1,060,495	
Mod. 23				0	0	
Mod. 24			3,69	2,000	708,700	
Mod. 2 \$				0	1,516,780	:
			\$9,34	3,024	\$ 7,853,975	

^{*} Includes for gost and for fee.

AMENDMENT OF SOLICITAT I/MODIFICATION	ON OF CONTRAC	T (INTRACT!	O CODE PAGE OF PAGES		
2. AMENOMENT/MODIFICATION NO. 26 J. EFFECTIVE DATE 20 1994	4 REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If Jephicacia)				
i :SSUED BY CODE	7. ADMINISTERED BY (II	other 'han item 3)	cood		
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001					
3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and	ZiP Codei	VI JA. AMENDMEN	IT OF SOLICITATION NO.		
Calspan Corporation					
Service Contracts Division		98. DATED .S	EE (TEM 11)		
110 Mitchell Blvd.					
Tullahoma, TN 37388	<u> </u>	I IOA MODIFICAT	TION OF CONTRACT/ORDER NO.		
		J	NAS1-19385		
		10B. DATED (SE	EE :TEM :3) 6/5/91		
CODE FACILITY CODE					
11. THIS ITEM ONLY APPLIE The above number solicitation is amenged as set forth in item 14. The n			is extended, is not extended		
(c) By separate letter or telegram which includes a reference to the solicitation at THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE withter of this amendment you desire to change an offer already submitted, such to the solicitation and this amendment, and is received prior to the opening hour 12. ACCOUNTING AND APPROPRIATION DATA (If Required)	HCUR AND DATE SPECIFI In change may be made by te	ED MAY RESULT IN RE	EJECTION OF YOUR OFFER. If by		
N/A	· · · · · · · · · · · · · · · · · · ·				
13. THIS ITEM APPLIES ONLY TO	O MODIFICATIONS OF CO	NTRACTS/CRDERS.			
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO :(Specify Authority IN ITEM 10A. 3. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REF					
date, atc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY	OF FAR 43.103(b).	- Commercial forms			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUAN Mutual Agreement	IT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)					
E.:MPORTANT: Contractor is not, is required to sign	this document and return	_3copies to the :ssi	uing office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF s		olicitation contract surie	et maner where feasible!		
The purpose of this modification is to amend Article H-Accordingly, the following change is made to the Control	5 Key Personnel ar				
	FIE COTY				
3	•				
(ON ATTACHED F		and and any long and affect		
Except as provided herein, all terms and conditions of the document reference			NG OFFICER (Type or Pant)		
Stephen T. Cope	VLVDA LVA		IG OFFICER TOPES SETTING		
Olrector of Contracts and Self-Governar	nce	ATES OF AMERICA	1 / :5C. DATE SIGNE		
10/14/	~	The Land Source of the contraction of the contracti			
Signature of Berson injunenced to troni	12-173	2 10 7 2 3 (14 cm) 2	STANDARD FORM 30 Hav		

NASA - Langley Overboot, DEC 1386)

Prescribed by 33A FAR 48 OFFI 53 243

I. Paragraph (c) of Article H-5 Key Personnel and Facilities is changed as follows:

is deleted and _____ substituted in lieu thereof.

CONTRACT TABULATION

_			
	CPAF/FF	Funding	
Basic	\$3,292,000	\$437,000	
Mod. 1	. 0	0	
Mod. 2	0	63,000	
Mod. 3	0	500,000	
Mod. 4	615,600	115,654	
Mod. 5	0	0	
Mod. 6	0	400,000	
Mod. 7	0	1,042,000	
Mod. 8	. 0	(110,931)	
Mod. 9	0	52,000	
Mod. 10	0	32,397	
Mod. 11	0	0	
Mod. 12	0	47,000	
Mod. 13	0	1,125,312	
Mod. 14	0	0	
Mod. 15	0	0	
Mod. 16	0	16,574	
Mod. 17	110,424	75,000	
Mod. 18	0	0	
Mod. 19	0	0	
Mod. 20	1,633,000	772,994	
Mod. 21	0	0	
Mod. 22	0 '	1,060,495	
Mod. 23	0	0	
Mod. 24	3,692,000	7 08 ,700 -	
Mod. 25	0	0	
Mod. 26	0	<u> </u>	
	\$9,343,024	\$ 6, 3 37,195*	
			-

^{*} Includes for cost and for fee.

(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:

NASA, Langley Research Center Attn: Industrial Property Office, M/S 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.

AMENDMENT OF SOLICITATION	MODIFICATION (OF CONTRAC	T 1.	TRACTIO (SODE	PAGE	OF PAGES
2. AMENOMENT/MODIFICATION NO. 2. EFFECT	N 2 0 1994 4. RE	EQUISITIONPURCHAS	SE REQ.	10.	5. PRO	DECT NO.	(If applicable)
6. ISSUED BY CODE	7. AC	MINISTERED BY (II	other than	item 5)	C	COE	
National Aeronautics and Space Admi Langley Research Center Hampton, VA 23681-0001	nistration						
3. NAME AND ADDRESS OF CONTRACTOR (No., stre	et, county, State and ZIP C	cce)	(√) Ja.	AMENDMENT (OF SOLIC	ITATION NO	O.
Calspan Corporation		Ī					
Services Contracts Division			98.	DATED (SEE	ITEM 11)		
110 Mitchell Boulevard							
Tullahoma, TN 37388			1:0A	. MODIFICATION	OF COM	NTRACT/CE	IDER NO.
			y		NASI-		
			- 1	DATED (SEE	ITEM 13) 6/6/	/O 1	
	LITY CODE	<u> </u>					· T
11. THIS IT The above number solicitation is amended as set for	EM ONLY APPLIES TO				xtended.		is not extended.
(a) By completing Items 8 and 15, and returning cop (c) By separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF OFFE virture of this amendment you desire to change an offer air to the solicitation and this amendment, and is received prior	e to the solicitation and am: RS PRIOR TO THE HOUR eady submitted , such chan:	endment numbers. FA I AND DATE SPECIFIE ge may be made by tel	ILURE OF ED MAY R	YOUR ACKNO' ESULT IN REJE	WLEDGE CTION C	MENT TO B F YOUR OF	SE RECEIVED AT
PR 3530.3303; JO R18387, RTR 505-59-	35-01-00; Obligate		·				
13. THIS ITE	M APPLIES ONLY TO MOD	DIFICATIONS OF CON	THACTS/	ORDERS,			
A. THIS CHANGE CRDER IS ISSUED PURSUANT IN ITEM 10A.	TO :(Specify Authority) Ti	HE CHANGES SET FO	ORTH IN I	TEM 14 ARE MA	DE IN TH	E CONTRA	CT/ORDER NO.
3. THE ABOVE NUMBERED CONTRACT/ORDER IS date. atc) SET FORTH IN ITEM 14, PURSUANT TO			E CHANG	SES (such as co	hanges in	paying offic	e, appropriation
C. THIS SUPPLEMENTAL AGREEMENT IS ENTER	ED INTO PURSUANT TO A	AUTHORITY OF:					
D. OTHER (Specify type of modification and author	ty)				•		
E. IMPORTANT: Contractor X is not.	is required to sign this do	ocument and return _	cop	ies to the issuing	office.		
14. DESCRIPTION OF AMENDMENT MODIFICATION The purposes of this modification are to eadd incremental funding pursuant to the Smodified as follows:	exercise the second	option period pu	irsuant	to contract a	uticle l	H.6., Opt	
	(Continued on Atta	ached Pages)	F	HE CC	XY	,	
Except as provided herein, all terms and conditions of the	document referenced in ite	m 9A or 10A, as hereto	fore chance	jed, remains und	hanged a	nd in full for	ce and effect.
'SA, NAME AND TITLE OF SIGNER (Type or Pont)		16A. NAME AND TO Rosemary C. E	TLE OF C	CNTRACTING			
SB. CONTRACTOR/OFFERCR	15C. DATE SIGNED	TATE COMMED STATE	TE3 OF AI) 1_02 L L	.: -/	<i>ال</i> ارد (DATE SIGNED
Signature of person authorized to aignation of the state	31	<i>Sign</i> □- :25	aiur a sr g	öntractind (∑ttic≱	3195000	ARD FORM 3	

- 1. Article B-2., <u>Level-of-Effort</u>, paragraph A. contained therein is hereby replaced by the following to include hours added for the second option period.
- "A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in paragraph C. below."
- 2. Article B-3., <u>Estimated Cost and Fixed Fee</u>, is hereby replaced by the following to include the cost and fee associated with adding the second option period. The total increase in cost is and the total increase in award fee is

-. "Article B-3 Estimated Cost and Fixed Fee

- A. The estimated cost of the contract is exclusive of the award fee of . The total of the estimated cost and award fee is \$9,343,024. The total fixed fee is A base fee shall not be paid under the contract.
- B. The award fee available for each evaluation period is as follows:

Period				Availab <u>Award</u> F
	1991 - December 22, 1991 - June			
June 22,	1992 - December	21,	1992	
June 22,	22, 1992 - June 1993 - December	21,	1993	
	21, 1993 - June 1994 - December			
December	22, 1994 - June 1995 - December	21,	1995	
	22, 1995 - June			

- *Note A fixed fee amount will be inserted if the Government exercises the one-month options to extend the period of performance as set forth in H-6.C.
- 3. Article F-2., Period of Performance, is hereby replaced by the following:
- "Article F-2., Period of Performance (NASA 18-52.212-74) (DEC 1988)

The period of performance shall be 60 months from the effective date of this contract."

- 4. Exhibit F, <u>Subcontracting Plan</u>. The contract subcontracting goals shall be increased by \$87,955 for small business and \$12,565 for small disadvantaged business.
- 5. Article H-10., <u>Wage Determinations and Fringe Benefits</u>, is revised to reflect the following changes:

<u>Number</u>	Revision	Date
87-0211	14	10-28-93
87-0215	15	10-28-93

The above wage determination is attached to this modification.

6. Article H-1., Contract Funding, is hereby replaced by the following to reflect a funding increase of \$708,700, of which is added to cost and is added to fee:

"H./13 Contract Funding (NASA 18-52.232-81) (MAR 1989)

- (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 the covers the following period of performance: November 1, 1991 through October 31, 1994.
- (b) An additional amount of is obligated under this contract for payment of fee."

All other contract provisions remain unchanged.

CONTRACT TABULATION

Mod. 2 0 63,000 Mod. 3 0 500,000 Mod. 4 615,600 115,634 Mod. 5 0 0 Mod. 6 0 400,000 Mod. 7 0 1,042,000 Mod. 8 0 (110,931) Mod. 9 0 52,000 Mod. 10 0 32,397 Mod. 11 0 47,000 Mod. 12 0 47,000 Mod. 13 0 1,125,312 Mod. 14 0 0 Mod. 15 0 0 Mod. 17 110,424 75,000 Mod. 19 0 0 Mod. 20 1,633,000 772,994 Mod. 21 0 0 Mod. 22 0 1,060,495	Basic Mod. 1		<u>CPAF</u> \$3,292,000	<u>Funding</u> \$ 437,000
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Mod. 23 I			0	1,060,495
Mod. 24 3,692,000 708,700 \$9,343,024 \$6,337,195*	Mod. 24			

* Includes for cost and for fee.

EUPLOYMENT STANDARDS ADMINISTRATION						
WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210		State: North Carolina, Virginia				
mailington, b.c. 20210		Area: 5/	-			
REGISTER OF WAGE DETERMINATIONS UNDER	POCYPILLA					
THE SERVICE CONTRACT ACT By direction of the Secretary of Labor						
M			•			
(1) (4) (HOD)						
Alan L. Moss Division of		·				
Director Wage Determinations	Wage De	termination No	o.: 87-0211	(Rev. 14) Da	te: 10/28/19	à 1
	Minimum	I	ringe Benef	it Payments.		
Class of Service Employees	Hourly Wage	Health &	Vacation	Holiday	Other	
	1	Welfare		•		
1. Computer Data Librarian 2. Computer Operator I 3. Computer Operator II	\$ 8.26 \$ 8.26 \$ 9.58 \$ 11.83					
4. Computer Operator III 5. Computer Operator IV	\$ 13.70					
6. Computer Operator V	\$ 14.56					
7. Computer Programmer I 1/	\$ 11.02					
8. Computer Programmer II 1/	\$ 13.62 \$ 16.20					
9. Computer Programmer III 1/ 0. Computer Programmer IV 1/	\$ 10.20					
11. Computer Systems Analyst I 1/	\$ 17.62					
12. Computer Systems Analyst II / 1/	\$ 20.28					
13. Computer Systems Analyst III 1/	\$ 23.23					
14. Peripheral Equipment Operator	\$ 8.26					
INFORMATION AND ARTS OCCUPATIONS						
1. Audiovisual Librarian 2. Exhibits Specialist I	\$ 14.56 \$ 13.06		•			
J. Exhibits Specialist II4. Exhibits Specialist III	\$ 15.87 \$ 17.63					
5. Illustrator I	\$ 13.06					

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U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION State: North Carolina, Virginia WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210 Area: 5/ LOCALITY REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor Division of lan L. Moss Wage Determination No.: 87-0211 (Rev. 14) Date: 10/28/1993 Wage Determinations arector Fringe Benefit Payments Minimum Hourly Class of Service Employees Vacation Holiday Other Health & Wage Welfare \$ 15.87 6. Illustrator II 17.63 7. Illustrator III 11.02 8. Library Technician 10.40 9. Photographer I 10. Photographer II 13.06 \$ 15.87 11. Photographer III 12. Photographer IV \$ 17.63 \$ 21.32 13. Photographer V LCHNICAL OCCUPATIONS \$ 15.87 1. Archeological Technician 2. Cartographic Technician 15.87 3. Civil Engineering Technician \$ 15.87 9.24 4. Drafter J \$ 10.40 5. Drafter JI \$ 13.06 6. Drafter III \$ 15.87 7. Drafter IV 17.63 8. Embalmer 9. Engineering Technician I \$ 10.36 10. Engineering Technician II \$ 11.63 11. Engineering Technician III \$ 13.02 \$ 16.12 12. Engineering Technician IV

\$ 19.72

13. Engineering Technician V

U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210

PEGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT

By direction of the Secretary of Labor

l'an L. Moss _.rector

Division of Wage Determinations

Wage Determination No.: 87-0211 (Rev. 14) Date: 10/28/1993

Fringe Benefit Payments Minimum Hourly Class of Service Employees Vacation Holiday Other Health & Wage Welfare

Area: 5/

14.	Engineering Technician VI	\$ 23.86
15.	Environmental Technician	\$ 15.87
16.	Laboratory Technician	\$ 11.83
17.	Mathematical Technician	\$ 15.87
	Mortician	\$ 17.63
19.	Photooptics Technician	\$ 15.87
20.	Technical Writer	\$ 19.39

SCELLANEOUS OCCUPATIONS

1. Instructor

\$ 17.63

LOCALLTY

Fringe benefits applicable to all classes of service employees engaged in contract performance:

1/ Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

^{2/} HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans: Employer contributions costing an average of \$2.39 per hour computed on the basis of all hours worked by service employees employed on the contract.

U.S. DEPARTMENT OF LABOR		Page 4 of 6	
EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION		State: North Carolina, Virginia	
WASHINGTON, D.C. 20210] -	Area: 5/	
REGISTER OF WAGE DETERMINATIONS UNDER	POCYPILLA		
THE SERVICE CONTRACT ACT By direction of the Secretary of Labor			
(Iling) Moon			
Alan L. Moss Division of Wage Determinations	Wage Det	termination No.: 87-0211 (Rev. 14) Date: 10/28/19	19 <u>1</u>
	Minimum	Fringe Benefit Payments	
Class of Service Employees	Hourly Wage		

3/ VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years; 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present (successor) contractor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 4.173)

4/ HOLIDAYS: 10 paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays mother day off with pay in accordance with a plan communicated to the employees involved.)

5/ HORTH CAROLINA: Camden, Chowan, Currituck, Gates, Pasquotank, Perquimans

Chesapeake, Gloucester, Hampton, Isle of Wight, James City, Mathews, Newport News, Norfolk, Poquoson, Portsmouth, Southampton, Suffolk, Surry, Virginia Beach, Williamsburg, York

NOTE: The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. A written report of the proposed conforming action, including information regarding the agreement or disagreement of the a. horized representative of the employees involved or, where there is no authorized representative, the employees themselves, shall be submitted by the contractor to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work. The contracting officer shall review the proposed action and promptly submit a report of the action, together with the agencys' recommendation and all pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6 (b)(2) of Regulations 29 CER 4)

UNIFORM ALLOWANCE: If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.80 a week (or 76 cents a day); and effective April 1, 1991, the note shall be \$4.25 per week (or \$.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

NOTE: The duties of employees under job titles listed are those described in the Service Contract Act Directory of Occupations, Fourth Edition, January 1993, unless otherwise indicated. See also 29 CFR Part 4 Section 4.152.

U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor

Alan L. Moss nirector

Division of

Wage Determinations

Class of Service Employees

١		State: North Carolina, Virginia	
	POCYPIAA	Area: 4/	-

Wage Determination No.: 87-0215 (Rev. 15) Date: 10/28/1993

Minimum Hourly	F	ringe Benefi	t Payments	
Wage	Health & Welfare	Vacation	Holiday	Other
				l

ADMINISTRATIVE SUPPORT AND CLERICAL OCCUPATIONSN

2. 3. 4.	Accounting Clerk I Accounting Clerk II Accounting Clerk III Accounting Clerk IV	\$ 6.75 \$ 8.52 \$ 9.95 \$ 10.75 \$ 9.81 \$ 8.03 \$ 8.08 \$ 6.69 \$ 7.01 \$ 8.54 \$ 8.46 \$ 10.42 \$ 7.32 \$ 9.24 \$ 8.08 \$ 6.78 \$ 7.32 \$ 9.59 \$ 8.46 \$ 9.95
	Court Reporter	\$ 2.01
	Dispatcher, Motor Vehicle	\$ 0.05
7.	Document Preparation Clerk	\$ 0.00 \$ 0.00
	Duplicating Machine Operator	\$ 6.00
	File Clerk I	\$ 6.69
10.	File Clerk II	\$ 7.01
11.	File Clerk III	\$ 8.54
12.	Film/Tape Librarian	\$8.46
	Housing Referral Assistant	\$ 10.42
	Key Entry Operator I	\$ 7.32
15.	Key Entry Operator II	\$ 9.24
	Mail Clerk	\$ 8.08
17.	Messenger	\$ 6.78
18.	Order Clerk I	\$ 7.32
19.	Order Clerk II	\$ 9.59
20.	Order Filler	\$8.46
21.	Payroll Clerk	\$ 9.95
	Production Control Clerk	\$ 10.42

U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION				Page 2 of	r. 5
WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210		State: North	Carolina, V	irginia	
REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	LOCALTTY	Aled. 47	•		
Nan L. Moss Division of Director Wage Determinations	Wage De	termination No	o.: 87-0215	(Rev. 15) Da	te: 10/28/1993
	Minimum	Ī	ringe Benef	it Payments	
Class of Service Employees	Hourly Wage	Health & Welfare	Vacation	Holiday	Other
23. Rental Clerk	\$ 8.46				
24. Scheduler, Maintenance	\$ 8.46				
25. Secretary I	\$ 8.46				
26. Secretary II	\$ 9.81				
27. Secretary III	\$ 10.42				
28. Secretary IV	\$ 11.41				
29. Secretary V 30. Service Order Dispatcher	\$ 11.96 \$ 8.46				
31. Stenographer I	\$ 8.78				
32. Stenographer II	\$ 9.86				
33. Supply Technician	\$ 10.00				
34. Survey Worker(Interviewer)	\$ 9.81				
35. Switchboard Operator- Receptionist	\$ 8.08				
36. Typist I	\$ 7.42				
37. Typist II	\$ 8.92				
38. Word Processor I	\$ 8.73				
39. Word Processor II	\$ 9.80				
40. Word Processor III	\$ 10.97				
1			4		
Fringe benefits applicable to all class engaged in contract performance:	ses of serv	rice employees 1/	2/	3/	
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	IMENT OF LABOR				Page 3 of	5
	DARDS ADMINISTRATION HOUR DIVISION . D.C. 20210		State: North	Carolina, V	'irginia	
MASHTHOLON	, 1). C. 202.0		λrea: 4/		<u></u>	
-	E DETERMINATIONS UNDER CE CONTRACT ACT	LOCALITY				
	the Secretary of Labor			•		
Man L. Moss Crector	Division of Wage Determinations	wage Determination No.: 87-0215 (Rev. 15) Date: 10/28/1				
	Town 1 are a second	Minimum		Fringe Benef	it Payments	
Class of S	ervice Employees	Hourly Wage Health &			Hol iday	Other

1/ HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans: Employer contributions costing an average of \$2.39 per hour computed on the basis of all hours worked by service employees employed on the contract.

2/ VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years; 4 weeks after 15 years. Length of service includes the whole span of continuous s rvice with the present (successor) contractor, wherever employed, and with predecessor tractors in the performance of similar work at the same Federal facility. (Reg. 4.173)

3/ HOLIDAYS: 10 paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.)

4/ NORTH CAROLINA: Camden, Chowan, Currituck, Gates, Pasquotank, Perquimans

VIRGINIA: Chesapeake, Gloucester, Hampton, Isle of Wight, James City, Mathews, Newport News, Norfolk, Poquoson, Portsmouth, Southampton, Suffolk, Surry, Virginia Beach, Williamsburg, York

NOTE: The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. A written report of the proposed conforming action, including information regarding the agreement or disagreement of the horized representative of the employees involved or, where there is no authorized presentative, the employees themselves, shall be submitted by the contractor to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work. The contracting officer shall review the proposed action and promptly submit a report of the action, together with the agencys' recommendation and all pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6 (b)(2) of Regulations 29 CFR 4)

UNIFORM ALLOWANCE: If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

e contractor or subcontractor is required to furnish all employees with an adequate number of iforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.80 a week (or 76 cents a day); and effective April 1, 1991, the note shall be \$4.25 per week (or \$.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

NOTE: The duties of employees under job titles listed are those described in the Service Contract Act Directory of Occupations, Fourth Edition, January 1993, unless otherwise indicated. See also 29 CFR Part 4 Section 4.152.

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2 ALECOUNTING AND APPROPRIATION DATA (If Required by Authority 1993) 2 SALECI BY A SALECI BY COCE 14 1993 3 PROJECTION OF JAMES 1993 4 SALECI BY A COCHE 14 1993 4 SALECI BY A COCHE 14 1993 5 ALECI BY A COCHE 15 ALECI BY A COCHE 15 ALECI BY A COCHE 1993 5 ALECI BY A COCHE	AMENDMENT OF SOLIC	CITATIC MODIFICAT	TON OF CONTR	ACT	(L. HACTIOC	O0E	PAGE 1	OF PAGE
A SELECT BY NATIONAL AND ADDRESS OF CONTRACTION (IV., Street, country, Sine and 2P Core) Lungley Research Center Humpton, V.A. 23681-0001 3. VANE AND ADDRESS OF CONTRACTION (IV., Street, country, Sine and 2P Core) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tutlahoma, TN. 37388 CCOE FACILITY COSE 108. DATED (SEETEM II) 109. DATED (SEETEM III) 109.			4. REQUISITION/PUR	PCHASE RE	Ea. NO.	5. PRC	DJECT NO.	(If application
Langley Research Center Hampton, VA 23681-0001 3. NAME AND ADDRESS OF CONTRACTOR (No. 57-96), SEVEN, SOUNT, SOUNT ADDRESS OF CONTRACTOR (No. 57-96), SEVEN, SOUNT,	3 SSUEO BY		7. ADMINISTERED 3	Y (If ourse	r than item 6)	CODE	E	
Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tuildatoma, TN 37383 CCCC Facility code	Langley Research Center	pace Administration	CAECU	TO	01 00			7 4 4 6 1 C
Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37383 CODE FACILITY CODE 15A, NOCIFICATION OF CONTRACTIORDER NO. NASI-19385 15B, OATED (SEE ITEM 17) 15A, NOCIFICATION OF CONTRACTIORDER NO. NASI-19385 15B, OATED (SEE ITEM 17) 15B, OAT	3. NAME AND ADDRESS OF CONTRACTO	OR (No., street, œunty, State an	nd ZIP Code)	(1)	9A. AMENDMENT O	F SOL:CIT	ATION NO.	
Tullahoma, TN 37333 Tilla McCirication of contracticed and NASI-19385 Tilla McCirication of contracticed and NASI-19385 Tilla McCirication of contracticed and NASI-19385 Tilla McCirication of contracticed and NASI-19385 Tilla McCirication of contracticed and NASI-19385 Tilla McCirication of contracticed and Nasi-19385 Tilla McCirication of contracticed a	Calspan Corporation	n						
Tullahoma, TN 37388 SA MODIFICATION OF CONTRACTICRORA NO. NAST-1-9385					98. DATED (SEE!	TEM 11)		
NAST-1938S 108. DATED SEETTM SEETT		•					*	
### PACILITY CODE TACILITY CODE 108_DATED ISSETTM 36 10	Tullahoma, TN 373	388						ER NO.
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above number solicitation is amended as set forth in item 14. The hour and date specified not receipt of Cities is extended, is not extended. Cities must acknowledge receipt of this amendment prior to he hour and date specified in the solicitation or as amended, by one of the tollowing methods. (a) By completing items 3 and 15, and is amendment prior to the hour and date specified in the solicitation or as amended, by one of the tollowing methods. (b) Secondary in the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities of the cities under the cities under the cities of the cities under the cities under the cities under the cities under the cities under the cities under the cities under the cities under the		SACILITY CODE		*	108. DATED (SEE!	TEM 13) 6/6/9	91	
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	NSN 1909) 1-152-40/0 PREVIOUS EDITIONS UNUSABLE		20-105			Prescribed	by GSA	(Rev 10-4)

- H. Subcontracting Reports The Contractor shall submit the following reports:
- 1. Subcontracting Report for Individual Contracts, Standard Form 294--In addition to the instructions on the form, the Contractor is required to include the following information in Block 18 of the SF 294:

Subcontract awards to small Women Owned (WO) business this reporting period: \$

Subcontract awards to Historically Black Colleges and Universities (HBCU) and/or Minority Educational Institutions (MEI) this reporting period: \$

The total subcontract dollars to WO businesses, HBCU's and MEI's shall be included in the figures in Blocks 15a and 16 of the SF 294. In addition to the above requirements, the Contractor is required to submit, on a monthly basis in letter format, the data required in Blocks 15a, 15b, 15c, 16, and 18 of the SF 294. This data is required by the 10th day following the month being reported.

2. Summary Subcontract Report, Standard Form 295--Submit in accordance with the instructions on the form.

In addition to the instructions on the reverse of the SF 295, the Contractor is required to comply with Clause 18-52.219-75, Small and Small Disadvantaged Subcontracting Reporting.

LOE

CONTRACT TABULATION

		CPAF	Funding
Basi	a	\$3,292,000	\$ 437,000
Mod.	1	0	0
Mod.	2	0	63,000
Mod.	3	0	500,000
Mod.	4	615,600	115,654.
Mod.	5.	0	. 0
Mod.	6	0	400,000
Mod.	7	0	1,042,000
Mod.	8	0	(110,931)
Mod.	9	0	52,000
Mod.	10	0	32,397
Mod.	11	0	0
${\tt Mod}$.	12	0	47,000
Mod.	13	0	1,125,312
Mod.	14	` 0	0
Mod.	15	0	0
\mathtt{Mod} .	16	′ 0	16,574
\mathtt{Mod} .	17	110,424	75,000
Mod.	18	0	0
Mod.	19	0	0
Mod.	20	1,633,000	772,994
Mod.	21	0	1 252 125
Mod.	22	0	1,060,495
Mod.	23	0	25 620 405
		\$5,651,024	\$5,628,495*

* Includes for cost and for fee

AMENDMENT OF SOLIC	CITATION	ODIFICATION	OF CONTRAC	CT	(C = 3/1)	Uwille	1 3HT	aAGES
: AMENOMENT ANCOING 22	NOV 1	E DATE 10 1993	AECUISITION/PURCH	ASE AE	NC NC	3, 290	JECTNO (Ma	palicablei
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National Aeronautics and S Langley Research Center Hampton, VA 23681-0001	•	stration						
3. NAME AND ADDRESS OF CONTRACT	OR ¡No., street,	county, State and Z!P	Code)	(1/)	BA. AMENON	ENT OF SOLICIT	ATION NO	
Calspan Corporation	n							
Services Contracts	Division				96. DATED	(SEE ITEM 11)		
110 Mitchell Boule								
Tullahoma, TN 37	388			/	10A, MCBIFIC	ATION OF CONT NASI-		IC.
CODE	15,000	TV COOK		-	108. DATED	(SEE ITEM 13) 6/6/	91	
		TY CODE	TO AMENDMENTS	OF SOL	ICITATIONS			
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1 K 3330.3502, 30 K 16367, K			MODIFICATIONS OF C	CNTDA	TE/CEDESS			
			CROER NO. AS DESC					
A. THIS CHANGE ORDER IS ISSUE ITEM 10A. 3. THE ABOVE NUMBERED CONTR (SET FORTH IN ITEM 14)	ACT/ORDER IS M	DDIFIED TO REFLECT	THE ACMINISTRATIV					
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C. THIS SUPPLEMENTAL AGREEM	באייים באובעבט	INTO PURSUANT TO	AUTHCHITT OF.					
D. OTHER (Specify type of modifie	aucn and authority)							
E. IMPORTANT: Contractor X is	nat .	s required to sign this d	ocument and return		pies to the issui	ng attice.		
The purpose of this modification of the purpose of the purpose of the contract is made to the contract	on is to add ir	ncremental fundi	on neadings, including					ands".
 	((Continued on Att	tached Page)					
						FAR	,•-	
Except as provided herein, all terms and o		ument referenced in ite				nchanged and in t		<u> </u>
15A NAME AND TITLE OF SIGNER (TY)	ce or Print)		Mary June			and proces	() FEB (SC =CHII)	
138 JON TRACTOR/OFFEEDR		150. DATE SIGNED	37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	ALL	Jane (Serger	160 DATE	3:GNED 2-93
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PREVIOUS EDITIONS UNUSABLE (1986) (1986)

2191000000 DV DSA 243-143-083) 53-243

NAS1-19385 Modification No. 722

I. Article H-1., <u>Contract Funding</u>, is hereby replaced by the following to reflect a funding increase of \$1,060,495 of which is added to cost and is added to fee:

"H.1 Contract Funding (NASA 18-52.232-81) (MAR 1989)

- (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 and covers the following period of performance: November 1, 1991 through June 21, 1994.
- (b) An additional amount of is obligated under this contract for payment of fee."

All other contract provisions remain unchanged.

CONTRACT TABULATION

	Est. Cost	Award Fee	CPAF	Funding	LOE
Basic			\$3,292,000	\$ 437,000	
Mod. 1			0	0	
Mod. 2			0	63,000	
Mod. 2			Ô	500,000	
Mod. 4			615,600	115,654	
Mod. 5			0	0	
Mod. 6			0	400,000	
Mod. 7			0	1,042,000	
Mod. 8			0	(110,931)	
Mod. 9			0	52,000	
Mod. 10			0	32,397	
Mod. 11			0	0	
Mod. 12			0	47,000	
Mod. 13			0 .	1,125,312	
Mod. 14			0	0	
Mod. 15			0	0	
Mod. 15			0	16,574	
Mod. 17			110,424	75,000	
Mod. 18			0	0	
Mod. 19			0	0	
Mod. 20			1,633,000	772,994	
Mod. 21			0	. 0	
Mod. 22			0	1,060,495	
:			\$5,651,024	\$5,628,495*	
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* Includ	des 💮	for cost	and	for fee.	

AMENDMENT OF SOLICITATEL AN	MODIFICATION	OF CONTRACT	1 / RACTIO COL	DE PAGE OF PAGES
2 AMENDMENT MODIFICATION NO. 2. SEFFECTIVE JUN	1 8 1993	EQUISITIONPURCHASE RE	2. NO.	5. PROJECT NO. (II applicaci-
5 ISSUED BY CODE	7. A	OMINISTERED BY (If ciner	:han (tem d)	CODE
National Aeronautics and Space Adm Langley Research Center Hampton, VA 23681-0001	inistration			
	t, county, State and ZIP C	oce) (√)	3A. AMENDMENT OF	SOLICITATION NO.
Calspan Corporation	,,			
Services Contracts Division			98. DATED (SEE IT	EM 11)
110 Mitchell Boulevard.	•			
Tullahoma, TN 37388			10A. MODIFICATION	OF CONTRACT/ORDER NO.
			N	JAS1-19385
2005			10B. DATED (SEE IT	EM 13) 6/6/9 l
	ITY CODE	ANENDAENES OF SOLICI	TATIONS	0,0,71
The above number solicitation is amended as set for		AMENDMENTS OF SOLICE		xtended, is not extended
(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 alresterence to the solicitation and this amendment, and is received.	e to the solicitation and a ERS PRIOR TO THE HO ady submitted , such cha	mendment numbers. FAILUI UR AND DATE SPECIFIED M nge may be made by telegra	RE OF YOUR ACKNOV MAY RESULT IN REJEC	TION OF YOUR OFFER. If by
12. ACCOUNTING AND APPROPRIATION DATA (II Re	equirea)	•		
		DIFICATIONS OF CONTRAC		
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO :	(Specify Authority) Ti	HE CHANGES SET FORTH I	NITEM 14 ARE MADE I	N THE CONTRACT/ORDER NO.
J 3. THE ABOVE NUMBERED CONTRACT/ORDER IS M atc) SET FORTH IN ITEM 14, PURSUANT TO THE			NGES (such as changes	in paying office, appropriation ca
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED	OINTO PURSUANT TO A	UTHORITY OF:		
O. OTHER (Specify type of modification and authority	<i>1</i>) .			
E. 'MPCRTANT: Contractor X is not. is r	equired to sign this docum	nent and return copi	es to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (C) The purpose of this modification is to co contract is modified as follows:	•	headings, including solicitation ve errors reflected in	,	
	(Continued on A	ttached Pages)	FILE]_PY
Except as provided herein, all ferms and conditions of the	document referenced in :			
ISA NAME AND TITLE OF SIGNER (Type or Print)		Mary June Yeage		FICER (Type or Print)
158 CONTRACTOR/OFFEROR	ISC DATE SIGNED	168. INITED STATES O	FAMEFICA De Youar	16C DATE SIGNED
(Signature of person authorized to sign) NSN (540-11-152-8070	1	Sightyeas	al Contrapting City of	ST. 10.100 COOM 20.00 10:01

PREVIOUS ECITIONS UNUSABLE NASA Langley Overgrint (DEC 1986)

STANDARD FORM 30 (Rev. Principles by GSA FAR (48 GFR) 53 243

I. In contrast Modification 20, paragraph 2, the date "December
21, 1993 - June 21, 1993" should read "December 22, 1993 June 21, 1994".

II. In contract Modification 20, paragraph 6, all references to Article "H-1" should read "H-3".

CONTRACT TABULATION

ļ	CPAF	Funding	LOE
Basic	\$3,292,000	\$ 437,000	
Mod. 1	0	0	
Mod. 2	0	63,000	
Mod. 3	0	500,000	
Mod. 4	615,600	115,654	
Mod. 5	0	0	
Mod. 6	、 0	400,000	
Mod. 7	0	1,042,000	
Mod. 8	0	(110,931)	
Mod. 9	0	52,000	
Mod. 10	0	32,397	
Mod. 11	0	0	
Mod. 12	0	47,000	
Mod. 13	0	1,125,312	
Mod. 14	0	0	
Mod. 15	0	0	
Mod. 16	0	16,574	
Mod. 17	110,424	75,000	
Mod. 18	0	0	
Mod. 19	0	0	
Mod. 20	1,633,000	772,994	
Mod. 21	0	0	
	\$5,651,024	\$4,568,000*	

* Includes for cost and for fee.

AMENDMENT OF SOLICIT	ATION10	DIFICATION	OF CONTRAC	СТ	TANCT DO	30€	PAGE OF P	AGE:
2. AMENIOMENITAMODIFICATION NO. 20	3 EFFECTIVE D	1993 t	REQUISITION PURCHA	SE #60.	CNC	5. 290	DATOBLE	licio.
F SSUED BY CO	O.E.	7	ADMINISTERED BY	תי זפרונה זוו	an :em i)	COD	=	
National Aeronautics and Sp Langley Research Center Hampton, VA 23681-0001	pace Admini	stration						
3. NAME AND ADDRESS OF CONTRACTOR	(No., sireat, co	unty, State and ZiP	Cace)	(V) 34	A AMENDMENT O	F SOLICI	TATION NO.	
Calspan Corporation	l							
Services Contracts D				96	B. DATED (SEE:	TEM (1)		
110 Mitchell Bouleva	ard							
Tullahoma, TN 3738	88			10	DA. MODIFICATION	OF CON	ON REDROYDART	 J.
				1		NASI-		
	·				B. DATED (SEE!	ТЕМ 13) 6/6/	O 1	
COCE .	FACILITY	CCDE				0/0/	91	
	11. THIS ITE	M ONLY APPLIES T	O AMENDMENTS OF	SCUCITA	TICNS			
(c) By secarate letter or telegram which includ ATITHE PLACE DESIGNATED FOR THE REC virture of this amendment you desire to changing reference to the solicitation and this amendment. 2. ACCOUNTING AND APPROPRIATION DA	EIPT OF OFFERS e an offer already ent, and is receive	S PRIOR TO THE H submitted , such ch d prior to the openin	OUR AND DATE SPEC lange may be made by	IFIED MA telegram	Y RESULT IN REJE	CTION OF	F YOUR OFFER. II	рÀ
PR 3530.2301; JO R14310; RTF	•	•	\$772.994 (Comp	lete)				
			ODIFICATIONS OF CO					
A. THIS CHANGE ORDER IS ISSUED PUITEM 10A. 3. THE ABOVE NUMBERED CONTRACT							<u></u>	
SET FORTH IN ITEM 14, PURSU	ANT TO THE AUT	HORITY OF FAR 40	1.103(b).	CORANG		ss iii payii		
C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED IN	TO PURSUANT TO	AUTHORITY OF.					
D. OTHER (Specify type of modification	n and authority)							
E. IMPORTANT: Contractor X is not ,		ired to sign this doci			to the issuing office			
14. DESCRIPTION OF AMENDMENT/MODIF The purposes of this modificati to add incremental funding pur is modified as follows:	on are to ex	ercise the firs	t option period (วนเรนนเ	nt to contract	article	H.6 Option	s, a. ura-
	(0	Continued on .	Attached Pages)		ME O		1	
Except as provided herein, all terms and con	nations of the doc	ument referenced in	n item GA or 10A, as he	raiolora c	nanged, remains ur	nchanged	and in full force and	<u></u>
ISA NAME AND TITLE OF SIGNER (Type or				TITLE OF	CONTRACTING OF			
ROFEFFORCTOARTHOR		SC DATE SIGNED			AMERICA Ane Mean	u -	160 DATE 510	ONE 73
Pignalure of serson numerical to inchi			Su	fratur to	Sommarch Straig	STANO	A 90 5094 10 8m	<u></u>

STANDARD FORM 10 Prescribed by (15A FAR UN(15R) (1) (1)

NAS1-19385 Modification No. 20

- 1. Article B-2., <u>Level-of-Effort</u>, paragraph A. contained therein is hereby replaced by the following to include hours added for the first option period.
- "A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in paragraph C. below."
- 2. Article B-3., Estimated Cost and Fixed Fee, is hereby replaced by the following to include the cost and fee associated with adding the first option period. The total increase in cost is and the total increase in fixed award fee is

"Article B-3 Estimated Cost and Fixed Fee

- A. The estimated cost of the contract is exclusive of the award fee of the total of the estimated cost and award fee is total. The total fixed fee is A base fee shall not be paid under the contract.
- B. The award fee available for each evaluation period is as follows:

Period	Available Award Fee
June 22, 1991 - December 21, 1991 December 22, 1991 - June 21, 1992 June 22, 1992 - December 21, 1992 December 22, 1992 - June 21, 1993 June 22, 1993 - December 21, 1993 December 21, 1993 - June 21, 1993	

- *Note A fixed fee amount will be inserted if the Government exercises the one-month options to extend the period of performance as set forth in H-6.C.
- 3. Article F-2., <u>Period of Performance</u>, is hereby replaced by the following:
- "Article F-2, Period of Performance (NASA 18-52.212-74) (DEC 1988)

The period of performance shall be thirty-six (36) months from the effective date of this contract."

4. Exhibit F, Subcontracting Plan. The contract subcontracting goals shall be increased by \$43,390 for small business and \$6,199 for small disadvantaged business.

LOE

5. Article H-10., <u>Wage Determinations and Fringe Benefits</u>, is revised to reflect the following changes:

Number	Revision	<u>Date</u>	
78-1030	23	8-8-92	

The above wage determination is attached to this modification.

- 6. Article H-1., Contract Funding, is hereby replaced by the following to reflect a funding increase of \$772,994, of which is added to cost and is added to fee:
 - "H.1 Contract Funding (NASA 18-52.232-81) (MAR 1989)
- (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 and covers the following period of performance: November 1, 1991 through October 31, 1993.
- (b) An additional amount of is obligated under this contract for payment of fee."

All other contract provisions remain unchanged.

		Est. Cost	Award Fee	<u>CPAF</u>	Funding
Basic	_			\$3,292,000	\$ 437,000
	1			0	62 000
Mod.	2			0	63,000
Mod.	3			0	500,000
Mod.	4			615,600	115,654
Mod.	5			0 .	0
\mathtt{Mod} .	6			0	400,000
Mod.	7			0	1,042,000
Mod.	8			0	(110,931)
Mod.	9			0	52,000
Mod.	10			0	32,397
Mod.	11			0	0
Mod.	12			0	47,000
Mod.	13			0	1,125,312
Mod.	14			0	0
Mod.	15			0	0
Mod.	16			0	16,574
Mod.	17			110,424	75,000
Mod.	18			0	0
Mod.	19			0	o o
Mod.	20			1,633,000	772,994
******.	20	10		\$5,651,024	\$1,568,000
		7		43,331,324	+ -, 300, 000

* Includes for cost and for fee.

AMENDMENT OF SOLICI	TATIC MODIFICATI	ON OF CONTRAC	T	ט טי זטגארזא 🌖	JOE	PAGE OF PAGES
2 AMENOMENT MODIFICATION NO	JUN 4 1993	4. REQUISITION/PURCHASE RED. NO			5. PRC.	JECTINO. (Il applicable)
SSUED BY CO	DOE (1990)	7. ACMINISTERED BY (III	f ciher :	han item 5)	3005	
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001	Space Administration					
3. NAME AND ADDRESS OF CONTRACTO	(**************************************	ziP Code)	(1)	A AMENDMENT C	OF SCLICIT	'ATION NO.
Calspan Corporatio			-			
Services Contracts I 110 Mitchell Bouley	* · · ·		9	98. DATED (SEE	iTEM :1)	
Tullahoma, TN 373			_			
rananoma rev 37500			/	10A, MCDIFICATION OF CONTRACT, ORDER NO. NASI-19385		
CODE -	FACILITY CODE		1	OB. DATED (SEE	ITEM :3) 6/6/9) 1
	11. THIS ITEM ONLY APPL	ES TO AMENDMENTS OF S	CUCIT	ATIONS		
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended. Dy 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.						
PR 5673.0483; JO C293309; R		igate \$0; Complete				
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 PORTION TO A. 3. THE ABOVE NUMBERED CONTRACT	DT/CRDER IS MODIFIED TO REFI	LECT THE ADMINISTRATIVE				
erc) SET FORTH IN ITEM 14, PURSI	JANT TO THE AUTHORITY OF FA	AR 43.103(b).				
C. THIS SUPPLEMENTAL AGREEMEN Mutual Agreement	IT IS ENTERED INTO PURSUANT	T TO AUTHORITY OF:				
O. OTHER (Specify type of modification	on and authority)					
E. 'MPORTANT: Contractor is not .	X is required to sign this	document and return 3	CCDIES	s to the issuing office		
:4. DESCRIPTION OF AMENDMENT/MODI The purpose of this modificati subject contract is modified as	on is to update a contra	•				
	(Continued o	on Attached Page)		·	Film	E Company
Except as provided herein, all terms and conditions of the document referenced in item 3A or 10A, as herefolder changed, remains unchanged and in full force and effect.						
SA NAME AND TITLE OF SIGNER (Type o	acepitett 1. Co	- I \ 1 I V \		C DNITOARTNOO!	==:CE=	Typa or Printi
Director of Contracts a	nd Self-Governance	100 INVEST 354	E3 JF	AMEDICA .		15C DATE SIGNED
Sinatura di person autorizea di anni	- 5/3/193	3 3Y	Ny	Jose St	vac-	6-9-93
15N Samilar Same and		30-105	T	Control Control	GIANDA	80 FORM 10 Rw 10-431

PREVIOUS EDITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)

STANDARD FORM 30 Rev 10-47 Presidently (3SA FAR 14 (5FR) 51 (41) HOTE: The duties of employees under job titles listed are those described in the Service Contract Act Directory of Occupations, Second Edition, July 1986, unless otherwise indicated. See also 29 CFR Part 4 Section 4.152.

******* OCCUPATIONS NOT INCLUDED IN THE SCA DIRECTORY OF OCCUPATIONS ***********

PHOTO LAB TECHINICIAN

The photo lab technician must be able to process and evaluate the quality of the exposed rolls of aerial film, annotate the film with required identifying numbers and letters, make and process contact prints from aerial film, and make to scale project photoindexes of the mosaicked strips of aerial photography by use of a copy camera.

HOTE: The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. A written report of the posed conforming action, including information regarding the agreement or disagreement of the authorized representative of the employees involved or, where there is no authorized representative, the employees themselves, shall be submitted by the contractor to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract. work. The contracting officer shall review the proposed action and promptly submit a report of the action, together with the agencys' recommendation and all pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6 (b)(2) of Regulations 29 CFR 4)

UNIFORM ALLOWANCE: If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance th the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.80 a week (or 76 cents a day); and effective April 1, 1991, the note shall be \$4.25 per week (or \$.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

- 1/ HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans: Employer contributions costing an average of \$2.23 per hour computed on the basis of all hours worked by service employees employed on the contract.
- 2/ VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 1 weeks after 10 years of service. Length of service includes the whole span of continuous service with the assent (successor) contractor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 4.173)
- 3/ HOLIDAYS: 10 paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the name holidays another day off with pay in accordance with a plan communicated to the employees involved.)
- 4/ The term "Service employee" does not include any employee who qualifies as an executive, administrative, or professional employee as those terms are identified in Regulations, Part 541, issued under the Fair Labor Standards Act. (See CFR, Part 541).

U.S.	DEPARTI	лент с	OF LABOR	
EHPLOYMENT	STANDA	ARDS 1	OHINISTR	MOITA
WAGE	VIII) HO	our di	VISION	
WASHI	NGTON,	D.C.	20210	

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Mond Marie Did in

^lan L. Moss €irector Division of Wage Determinations

	State: Virginia ,
LOCALITY	Area: VA COUNTIES: HAMPTON

Wage Determination No.: 78-1030 (Rev. 23) Date: 08/08/1992

	Class of Service Employees	Minimum Hourly	F	ringe Benefi	t Payments			
		Wage	Health & Welfare	Vacation	iloliday	Other		
21.	Switchboard Operator	\$ 6.34		· · · · · · · · · · · · · · · · · · ·		1		
22.	Switchboard Operator- Receptionist	\$ 6.65						
23.	Typist [\$ 6.41						
21.	Typist II	\$ 7.67						
25.	Word Processor I	\$ 6.43						
	Word Processor II	\$ 7.97						
27.	Computer Data Librarian	\$ 7.47	•					
, B.	Computer Operator I	\$ 7.73						
~ ♡.	Computer Operator II	\$ 9.06						
ეი.	Computer Operator III	\$ 10.84						
31.	Computer Operator IV	\$ 12.46						
12.	Computer Programmer I 4/	\$ 10.92						
33.	Computer Programmer II 4/	\$ 13.50						
34.	Computer Programmer III 4/ '	\$ 16.03	•	•				
35.	Computer Systems Analyst I 4/	\$ 14.65						
16.	Computer Systems Analyst II 4/	\$ 16.57						
37.	Computer Systems Analyst III 4/	\$ 19.34	•					
38.	Key Entry Operator I	\$ 6.35						
39.	Key Entry Operator II	\$ 7.86						
40.	Peripheral Equipment Operator	\$ 7.22						
41.	Alreralt Hechanic	\$ 13.09						
42.	Aircraft Sheetmetal Mechanic	\$ 13.09						
	Aircraft Worker	\$ 11.96	,					
44.	Drafter f	\$ 7.01	4					

u.s.	DEPART	MEHT OI	F LABOR	
EMPLOYMENT	' STAHD.	ARDS AI	MINISTR	HOITA
WAGE	H CHA	our biv	/ISION	•
WASHI	HGTOH.	D.C	20210	

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT my direction of The Secretary of Labor

Class of Service Employees

Han L. Moss Mirector

Division of Wage Determinations

LOCALITY

Area: VA COUNTIES: HAMPTON

Wage Determination No.: 78-1030 (Rev. 23) Date: 00/00/1992

State: Virginia

Minimum Hourly	ı	fringe Benefi	it Payments	
- · · · · · · · · · · · · · · · · · · ·	Health & Welfare	Vacation	Holiday	Other

Employed on contracts for Administrative, Clerical, and Technical services at NASA Langley Research Center in the above locality:

1.	Accounting Clerk I	\$	6.55
2.	Accounting Clerk II	\$	8.21
3.	Accounting Clerk III	\$	8.55
4.	Accounting Clerk IV	\$	10.37
5.	File Clerk I	\$	5.17
б.	File Clerk II	\$	5.73
7.	File Clerk III	\$	6.99
8.	Inventory Clerk	\$	5.39
9.	Hessenger	\$	5.62
10,	Order Clerk I	\$	6.36
11.	Order Clerk II	\$	8.34
	Payroll Clerk	\$ \$	7.50
13.	Receptionist	\$	6.09
14.	Secretary I	\$	7.50
15.	Secretary	\$	8.67
16.	Secretary III	\$	9.23
17.	Secretary IV	\$	10.13
] A .	Secretary V	\$	10.58
	Stenographer I	\$	7.63
20.	Stenographer II	; ;	8.56

LOE

NAS1-19385 Modification No. 19

Section I-1, II, Clause 18-52.204-70, Report on NASA Subcontracts (DEC 1988) is replaced by Clause 18-52.204-70, Report on NASA Subcontracts (NOV 1992).

CONTRACT TABULATION

	Est. Cost	Award Fee	<u>CPAF</u>	Funding
Basic Mod. 1			\$3,292,000	\$ 4 37,000
Mod. 2			0	63,000
Mod. 3 Mod. 4			0	500,000
Mod. 5			615,600	115,654
Mod. 6		•	0	422 222
Mod. 7			0	400,000
Mod. 8			0	1,042,000 (110,931)
Mod. 9			0	52,000
Mod. 10			. 0	32,397
Mod. 11			0	0
Mod. 12			0	47,000
Mod. 13			0	1,125,312
Mod. 14			0	0
Mod. 15			0	0
Mod. 16			0	16,574
Mod. 17			110,424	75,000
Mod. 18			0	0
Mod. 19	-		0	0
			\$4,018,024	\$3,795,006*

AMENDMENT OF SOLICITATION MODIFICATION	ON OF CONTRACT	L CONTRACTIO CO	DE PAGE OF PAGE
2. AMENOMEN TIMODIFICATION NO 3. EFFECTIVE DATE JUN 4. 1993	4. REQUISITION/PURCHASE REC), NO	5. PROJECT NO (II Japlicab)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other	:han Item 6)	CODE
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	2-17-		
3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, Étaté and	ZIP Cade) (V)	3A. AMENDMENT OF	SOLICITATION NO.
Calspan Corporation	*		
Services Contracts Division	W 5 003 m	98. DATED (SEEITE	EM 11)
110 Mitchell Boulevard	ucavan á /		
Tullahoma, TN 37388	27		OF CONTRACT/ORDER NO.
	Character 1		AS1-19385
CCCE FACILITY CODE		108. DATED (SEE ITE	6/6/91
and the second s	ES TO AMENDMENTS OF SOUCT	TATIONS	
(c) By separate letter or telegram which includes a reference to the solicitation AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO TH virture of this amendment you desire to change an offer already submitted, sucreference to the solicitation and this amendment, and is received prior to the opposite to the solicitation and this amendment, and is received prior to the opposite to the solicitation and this amendment.	ent ; (b) By acknowledging receipt and amendment numbers. FAILUF IE HOUR AND DATE SPECIFIED N In change may be made by telegra	of this amendment on (IE OF YOUR ACKNOW (AY RESULT IN REJECT	each copy of the offer submitted; ILEOGEMENT TO BE RECEIVE! TION OF YOUR OFFER. If by
12. ACCOUNTING AND APPROPRIATION DATA (If Required)			
	O MODIFICATIONS OF CONTRAC CT/ORDER NO. AS DESCRIBED IN		
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority ITEM 10A.) B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFL			
erc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FA	R 43.103(b).		
./ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT	TO AUTHORITY OF:		
Mutual Agreement			
D. OTHER (Specify type of modification and authority)	•		
E. !MPORTANT: Contractor is not, is required to sign this	document and return 1 copie	es to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Crganized by UCF s The purpose of this modification is to provide addition Requirements, Paragraph H, Subcontracting Reports.	nal instructions to Exhib	it A, Contract D	ocumentation
(Continued o	on Attached Page)	FILE	DY.
Except as provided herein, all terms and conditions of the document reference	ed in Item 3A or 10A, as herelolore	changed, remains und	nanged and in full force and effect
'SA NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cop	e Mary Jane Yeage	r	
150 DATE SIGN	NED 168 UNITED STATES OF	hu Heva	16C DATE SIGNES 6-4-93
VSgnature blication authorized to sign) NSN 1540-01-152-070 PREVIOUS ECITIONS UNUSABLE NASA - Langley Overprint (DEC 1986)	30-105	•	STANDARD FORM 30 (Rev 10-83) Prescribed by GSA FAR (48-1278) 53-243

"H. <u>Subcontracting Reports</u> - The Contractor shall submit Standard Form (SF) 294, <u>Subcontracting Report For Individual Contracts</u>, and Standard Form (SF) 295, <u>Summary Subcontractor Report</u>, in accordance with the instructions on the reverse side of the form except the reports shall be submitted <u>quarterly</u>. The reporting periods shall end December, March, June, and September with the respect due by the 30th day of the month following the close of the period.

You are further instructed to include the following information in Block 18 of the SF 294. Note: This information is a subset of items 15A and 16 and should also include information obtained from your subcontractors SF 294's.

"Subcontracts award to Women-Owned Small Business Concerns this reporting period: \$______.

Subcontract awards to Historically Black Colleges and Universities and/or Minority Educational Institutions this reporting period: \$_______."

	Est. Cost	Award Fee	CPAF	Funding	LOE
Basic			\$3,292,000	\$ 437,000	
Mod. 1			0	0	
Mod. 2			0	63,000	
Mod. 3			0	500,000	
Mod. 4			615,600	115,654	
Mod. 5			0	0	
Mod. 6			. 0	400,000	
Mod. 7			0	1,042,000	
Mod. 8			0	(110,931)	
Mod. 9			0	52,000	
Mod. 10			0	32,397	
Mod. 10			0	0	
			0	47,000	
			0	1,125,312	
Mod. 13 Mod. 14			0	0	
			0	0	
Mod. 15			Ô	16,574	
Mod. 16			110,424	75,000	
Mod. 17			110,424	. , 3, 333	
Mod. 18			\$4,018,024	\$3,795,006*	
			\$4,U10,U24	43,733,000	
		<u>-</u>			

AMENDMENT OF SOLICITATIC MODIFIC	ATION OF CONTRA	ACT	TOMERAGE GOS	33 :	PAGE OF PAGE
1 AMERICANENT MIGDIFICATION NO 1 EFFECTIVE DATE MAR 1 0 1993	4 REQUISITION/PURC	2F 3CAH ANN	Q. NO	s PAC	DJEOT NO (II seeligs
3 330.50 BY CODE	7 ACMINISTERED BY	(If sine	r than (em 3)	ccc	ē
National Aeronautics and Space Administratio Langley Research Center Hampton, VA 23681-0001	n 3-				ng ng manangan kang
3. NAME AND ADDRESS OF CONTRACTOR (No., straet, county, State	e and ZIP Jace)	1. 1	BA. AMENOMENT D	F SCL.CI	TATION NO.
Calspan Corporation					
Services Contracts Division			38. DATED (SEE.)	TEM : :)	
110 Mitchell Boulevard				,	
Tullahoma, TN 37388				25.00	
		1	l .	1.A.S.L-	
CODE FACILITY CODE		-	108. DATED (SEE :	6/5/	91
	PPLIES TO AMENDMENTS C	F SCLIC	ITATIONS		
(c) By separate letter or telegram which includes a reference to the solicit AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR 1 virture of this amendment you desire to change an offer already submitted reference to the solicitation and this amendment, and is received prior to 12. ACCCUNTING AND APPROPRIATION DATA (If Required)	O THE HOUR AND DATE SPE I, such change may be made	ECIFIED I by telegr	MAY RESULT IN REJEC	CTION OF	F YOUR OFFER. If by
N/A	`				
	NLY TO MCDIFICATIONS OF STRACT/ORDER NO. AS DESC				
A. THIS CHANGE CADER IS ISSUED PURSUANT TO: (Specify Automotion 104)			· · · · · · · · · · · · · · · · · · ·		
3. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO arc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY C	REFLECT THE ADMINISTRAT DF FAR 43.103(b).	TIVE CHA	NGES (such as change	s in payin	ng office, appropriation
. C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURS	UANT TO AUTHORITY OF:				
FAR Clause 52.243-2 Changes - Cost Reimbur	rsement (AUG 1984)	- Alte	mate II; Limitat	ion of	Funds Clause
O. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor is not , X is required to sign	n this document and return	1 000	ies to the issuing office.		
					- (
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Crganized by UThe purpose of this modification is to provide for					
Clause for Change Order Modification No. 11 date		-	- •		
level-of-effort, estimated cost, award fee, and allo					
Accordingly, the following changes are hereby ma					
(Continue	ed on Attached Pages	i)	Pile	المنسأ أم	oy.
Except is provided herein, all terms and conditions of the document reli	erengad in item 3A or 10A ias.	ner etalor	a changed, remains line	chanded	and in full force and eff
12A NAME AND SITUE OF SIGNER (Type or Print)			OF CONTRACTING OF		
Stephen T. Cope Cope Self-Covernance	R. Tod	d Lac	ks		
ISC DATE	- 1 × X - 1	TATES O	FAMERICA Colonia		160 DATE SIGNE 3/10/43
NSN SQ-01-152-9070	45	Siccollice	of Contracting Officer:		

PRE VIGUS FOIFIGNS UNUSABLE NA DA LINGUEY OVERORINI (CEC. 1986)

- I. Article B-2. <u>Level of Effort</u>, is revised by deleting paragraph A in its entirety and substituting the following to reflect an increase of direct productive hours:
- "A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in paragraph C. below."
- II. Article B-3. Estimated Cost, Award Fee, and Fixed Fee, is deleted in its entirety and the following substituted therefore to reflect increases of and in cost and fee respectively:
 - "B-3. ESTIMATED COST, AWARD FEE, AND FIXED FEE
- A. The estimated cost of the contract is exclusive of the award fee of . The total of the estimated cost and award fee is \$4,018,024. The total fixed fee is A base fee shall not be paid under the contract.
- B. The award fee available for each evaluation period is as follows:

Period

Available Award Fee

June 22, 1991 - December 21, 1991 December 22, 1991 - June 21, 1992 June 22, 1992 - December 21, 1992 December 22, 1992 - June 21, 1993



- *Note: A fixed fee amount will be inserted if the Government exercises the one-month options to extend the period of performance as set forth in H-6.C."
- III. Article H-3., Contract Funding is hereby replaced by the following to show the addition of \$75,000 to the funding level of which is added to cost and is added to fee:
 - "H-3. 18-52.232-81 Contract Funding (Mar 1989)
- (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 and covers the following period of performance: May 6, 1991 through June 1, 1993.
- (b) An additional amount of is obligated under this contract for payment of fee."

CONTRACT TABULATION

	Est. Cost	Award Fee	CPAF	Funding	LOE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10 Mod. 11 Mod. 12 Mod. 13 Mod. 14 Mod. 15 Mod. 15 Mod. 15 Mod. 17			\$3,292,000 0 0 0 615,600 0 0 0 0 0 0 0 0 0 0 0 0	\$ 437,000	

* Includes for cost and for fee.

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AMENDMENT OF SOLIC	ITATIC 10	DIFICATIO	N OF CONTRA	СТ	f NEAR	idTia dade	· '	PAGE OF:	37.2º
2. AMENOMEN TIMODIFICATION NO. 16	JAN 2 7	DATE 1993	4 REQUISITION/PURCHA	DEF BEA	i NO.	5	PROJE	GTNO (II.	JCCHC10
SISSUED BY	3008		7. ADMINISTERED BY	rento II)	than dem of		CCCE		
National Aeronautics and Langley Research Center Hampton, VA 23681-0001	·	istration							
3. NAME AND ADDRESS OF CONTRACT		ounty, State and ZI	(Cara)	1:1	33 MENT	MENT OF S	OL CITA	TICN VC	
Calspan Corporation	, ., ., ., .,	ourry, State at 6 Er	, 300e.		JA, AWEITE	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00.00.	,,,,,,,,,	
Services Contracts					38. DATED	(SEE TEN	4 - 1)		
110 Mitchell Boule	vard								
Tullahoma, TN 37	388				10A. MCOIF			ACT/CROEF	NO.
				1			NAS1-19385		
CODE	FACILITY	CODE		1	108. DATES	(SEE TEN	1 :3) 6/6/9 [
			S TO AMENDMENTS OF	SCUCI	TATIONS				
(a) By completing Items 8 and 15, and return (c) By separate letter or telegram which included AT THE PLACE DESIGNATED FOR THE A virture of this amendment you desire to chareference to the solicitation and this amend	tudes a reference to ECEIPT OF OFFEF nge an offer airead ment, and is receiv	o the solicitation an IS PRIOR TO THE y submitted , such	HOUR AND DATE SPEC change may be made by	FAILUF DIF!ED M y telegra	RE OF YOUR MY RESULT	R ACKNOWL IN REJECTION	EDGEME CN CF Y	ENT TO BE A CUR OFFER.	IEGEIVE . If by
12. ACCOUNTING AND APPROPRIATION See Accounting Data Page 2	UpeR II) ATAC	ired)	•		-				
			MODIFICATIONS OF COORDER NO. AS DESCR			5.			
A. THIS CHANGE CROER IS ISSUED ITEM 10A. 3. THE ABOVE NUMBERED CONTRA 9(c) SET FORTH IN ITEM 14, PURI	ACT/ORDER IS MO	DIFIED TO REFLE	CT THE ADMINISTRATIV						
C. THIS SUPPLEMENTAL AGREEMS	· · · · · · · · · · · · · · · · · · ·						<u></u>		
5. This sort selection agrees we		TO GROCKIT							
D. OTHER (Specify type of modifical	tion and authority)								
E. IMPORTANT: Contractor ★ is not	is req	uired to sign this ac	ocument and return	CDCII	es to the issu	ing office.			
14. SESCRIPTION OF AMENDMENT/MOD The purpose of this modificat									₩S!
	(C	ontinued on .	Attached Page)		ł	FILE (אָיל	
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ISA NAME AND TITLE OF SIGNER (TIPE			15A, NAME AND	TITLE	F CONTRAC				
ROFERRO/ROTOAFTINGS BE:		'SC DATE SIGNE	Mary Jane '		FAMERICA	1/	 -	TeC SATE	31G/r ³
Signature of person lumnarized to the			1/1/10	of aura	1/1 m	a Stream		11-27	7-4.
TISM SAUGUL 152 4070 PRE VICTUS BOIT ONS UNUSABLE			10-105	7	- 5	3	TANDAR	G FORM 30	P. w. 17-

MAGA Languay Svergnot CEC 1986)

FAR WITTH STAIL

- I. Article H-3., Contrast Funding is hereby replaced by the following to show the addition of \$16,574 to the funding level of which is added to cost and is added to fee:
 - "H-3. 13-52.232-31 Contract Funding (Mar 1989)
- (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 and covers the following period of performance: May 6, 1991 through June 1, 1993.
- (b) An additional amount of is obligated under this contract for payment of fee."

	Est. Cost	Award Fee	CPAF	Funding	<u>LOE</u>
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10 Mod. 11 Mod. 12 Mod. 13 Mod. 14 Mod. 15 Mod. 15 Mod. 16			\$3,292,000 0 0 0 615,600 0 0 0 0 0 0 0 0 0 0 0 0	\$ 437,000 63,000 500,000 115,654 0 400,000 1,042,000 (110,931) 52,000 32,397 0 47,000 1,125,312 0 0 15,574 \$3,720,006*	

* Includes for cost and for fee.

Accounting and Appropriation Data:

PR	<u> 30</u>	RTR	Amount	Status
5673.0490	C293309	2933-3020-000	\$16,574	(Complete)

AMENDMENT OF SOLICITAT MODIFICATION	ON OF CONTRACT	159AUT 000	308 32 3473
2 AMENOMEN EMPORISED TO NO 1 EFFECTIVE DATE DEC 21 1992	4 REQUISITION/PURCHASE	REG. NO	S. PROJECT NO (If applicate
SSUED BY CODE	7 ACMINISTERED BY (If at	her than (temt ਤੋਂ)	2005
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			
3 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and	ZIP Sade) (V) BA AMENDMENT C	F SOLICITATION NO
Calspan Corporation			
Service Contracts Division		B. CATED (SEE.	TEM !!)
110 Mitchell Boulevard			
Tullahoma, TN 37388			OF CONTRACT/ORDER NO.
		⁷	VAS1-19385
CODE FACILITY CODE		108. DATED (SEE!	ТЕМ :3) 6/22/9 l
	ES TO AMENDMENTS OF SOL	CITATIONS	
Cities must acknowledge receipt of this amendment prior to the hour and date (a) By completing Items 3 and 15, and returning copies of the amendem (c) By secarate letter or telegram which includes a reference to the solicitation ATITHE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THURITUPE OF THIS amendment you desire to change an offer already submitted, succeivence to the solicitation and this amendment, and is received prior to the or 12. ACCCUNTING AND APPROPRIATION DATA (If Required)	ent ; (b) By acknowledging rece and amendment numbers. FAI IE HOUR AND DATE SPECIFIE thichange may be made by tele	ipt of this amendment or LURE OF YOUR ACKNO D MAY RESULT IN REJE gram or letter, provided	t each copy of the offer submitted WLEDGEMENT TO BE RECEIVED OF YOUR OFFER. If by
13. THIS ITEM APPLIES ONLY I IT MODIFIES THE CONTRAC	O MODIFICATIONS OF CONTR CT/ORDER NO. AS DESCRIBED		
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authorities 10A) 3. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECTED. SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FA	LECT THE ADMINISTRATIVE C		
, C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT	T TO AUTHORITY OF:		
Mutual Agreement			
CTHER (Specify type of modification and authority)			
E. MPORTANT: Contractor is not. X is required to sign this	document and return 3 o	opies to the issuing office	
14. DESCRIPTION OF AMENOMENT MODIFICATION (Grganized by UGF). The purpose of this modification is to add Clause 18-5 Subcontracting Reporting to the contract. Therefore	2.219-75 Small Busin	ess and Small Dis Section I.	advantaged Business
		FIL	ECOPY
Except its provided herein, all terms and conditions of the document reference		lore thanged remains tr E DR JONITARCTING TR	
Direct of Contracts and Self-Governance			GEA - NOW IN FAMILY
Sandhure of gersan surgarzea unn) 12/15/92	34 2/ au	S DE AMERICA Care VI	140 DATE SIGNA 12-21-9
PREVIOUS ACID CAS INVISABLE TASA INCOMP CHARGE OF CONTRACT	10-05		STANDARD FORM 10 Am 1.

Trescribed to 13A

NASI-13333 Modification Nov. 13

Section I.

"SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING REPORTING (MASA 13-52.219-75) (SEP 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.
- (b) The Contractor shall also complete Item 15 (Subcontract awards to Historically Black Colleges and Universities/ Minority Institutions) in accordance with the existing instructions applicable to DOD activities.
- (c) All other provisions in the instructions paragraphs of the SF 295 remain in effect.
- (d) The Contractor shall include this clause in all subcontracts that include the clause at FAR 52.219-9."

CONTRACT TABULATION

	Est. Cost	Award Fee	CPAF	<u>Funding</u>	LOE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 10 Mod. 11 Mod. 12 Mod. 13 Mod. 13 Mod. 13 Mod. 14 Mod. 15 Mod. 16 Mod. 17			\$3,292,000 0 0 615,600 0 0 0 0 0 0 0 0 0 3 33,907,600	\$ 437,000 0 63,000 500,000 115,654 0 400,000 1,042,000 (110,931) 52,000 32,397 47,000 1,125,312	

* Includes _____ for cost and _____ for fee.

,	AMENDMENT OF	SOLICITA	TIC M	ODIFICAT	ION (OF CONTRA	CT	NTIMET	110 GODE	PAGE 1	OF PAGE
2. Al	MENOMENT/MODIFICATION	1 NO. 3.	NOV 2	on 1592	4. RE	DUISITION/PURCH	ASE RE	'a. NO.	S. PRO	NECT NO.	(N spoliced
6. IS	SUED BY	CODE			7. AD	MINISTERED BY	(Nothe	r than item 6)	con	3	
	National Aeronau Langley Research Hampton, VA 236	Center	ce Admii	nistration							
8. ;	NAME AND ADDRESS OF	CONTRACTOR	(No., street	county, State and	d ZIP Co	 de)	(4)	9A. AMENDM	ENT OF SOLICE	TATION NO).
	Calspan Co	rporation									
	Services Co	ontracts Div	rision					98. DATED	(SEE ITEM 11)	-	
		ll Boulevard	_								
	Tullahoma	, TX 37388					1		ATION OF CON NAS1-		CER NO.
COD			FACILIT	Y CODE			┨ `	108. DATED	<i>(SEE ITEM 13)</i> 6/5/	91	
					LIES TO	AMENDMENTS O	F SOLIC	CITATIONS		- , 	
(a) B (c) B AT T Virtu refer	The above number solk is must acknowledge receive youngeting items 8 and 1: by separate letter or telegrate PLACE DESIGNATED re of this amendment you conce to the solicitation and	ipt of this amendr 5, and returning am which included FOR THE RECEI desire to change in d this amendment	ment prior to copies a reference IPT OF OFFE an offer alreat, and is received.	the hour and date s of the amender to the solicitation ERS PRIOR TO T dy submitted, su ived prior to the o	specific nent; (b n and am "HE HOU ich chan	ed in the solicitation) By acknowledgin tendment number IR AND DATE SPEC ge may be made to	n or as a ng recei s. FAIL CIFIED by teleg	amended , by one pt of this amendr .URE OF YOUR . MAY RESULT II	ment on each co- ACKNOWLEDG N REJECTION O	methods: by of the off EMENT TO F YOUR OF	BE RECEIVE:
12. N/2	accounting and appr A	OPRIATION DAT.	A OT Roq	ruired)							
		13.				DIFICATIONS OF C					
[3	A THIS CHANGE ORDER										
	B. THE ABOVE NUMBERI AC) SET FORTH IN II						VE CITA	NGC3 (3007 & 1		y once, ap	
√	c. This supplementa Mutual Agreemen		IS ENTERED	INTO PURSUAI	NT TO A	ИТНОВЛΎ OF:					
	D. OTHER Specify type		and authority)								
E ,	APCRTANT: Contractor		X is re	quired to sign this	- danum	not and column a	<u></u>	ies to the issuing	n office		
<u> </u>		is not,		·						- Sacihiai	
Th	DESCRIPTION OF AMENI e purpose of this m cordingly, the follo	nodification	is to am	end Article	H-5.,	Key Personn					rson.
			(Continued o	on Att	ached Page)		F	ILE CC	PY	
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158	THE TOR OFFEROM			15C. DATE SIG	SNEO	168. UNITED S	TATES	MERICA	/.	16C. D	ATE SIGNE
	Signature of person audi	נחתם מו מפתחם		19 NOU "	92	1 // (a)	Addanin	for Comment	CHAR!	- //-	25 4
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I. Paragraph (c) of Article H-5 Key Personnel and Facilities is changed as follows:

is deleted and

substituted

in lieu thereof.

<u>Est.</u>	Cost Award Fe	e <u>CPAF</u>	Funding	LOE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10 Mod. 11 Mod. 12 Mod. 12 Mod. 13 Mod. 14		\$3,292,000 0 0 0 615,600 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$ 437,000	

	AMENDMENT OF SOLIC	ITATIO	C., MODIFICATI	ON OF CONTR	ACT	1	NTRACI	TID CODE	PAC 1	SE OI	F PAGE
2. 4	MENOMENT, MODIFICATION NO	J. EF	TECTIVE DATE 10 3 1992	4. REQUISITION/PURC	HASE RE	Q. NO.		5. P	ROJECT	NO. /	M applica
6. 1	SGUED BY C	ODE		7. ADMINISTERED BY	(Hothe	er than it	9/17 <i>6)</i>	co	OE		
	National Aeronautics and E Langley Research Center Hampton, VA 23665-5225	·	Administration								
8.	NAME AND ADDRESS OF CONTRACTO	OR /No	., street, county, State and	ZIP Code)	(4)	9A. A	MENDM	ENT OF SOLI	CITATIO	N NO.	
	Calspan Corporatio	n				1					
	Services Contracts		n			9B. D.	ATEO	(SEE ITEM 11)	,		
	110 Mitchell Boule										
	Tullahoma TN 373	88				10A. M		ation of co NAS1	-1938		R NO.
COI			FACILITY CODE		\dashv	10B. D	ATED '	SEË ITEM 13) 6/6	, 5/91		
		11.	THIS ITEM ONLY APPL	ES TO AMENDMENTS	OF SOLIC	CITATION	ıs				
(a) (c) (AT virturele	The above number solicitation is amore must acknowledge receipt of this among completing items 8 and 15, and returning separate letter or telegram which incident PLACE DESIGNATED FOR THE Report of this amendment you desire to character to the solicitation and this amendment.	endment ing udes a re ECEIPT (nge an of ment, and	prior to the hour and date copies of the amendeme liference to the solicitation of OFFERS PRIOR TO The already submitted, suc I is received prior to the op	specified in the solicitation; (b) By acknowledging and amendment number to the HOUR AND DATE SPENT of the made may be made	on or as a ing recei irs. FAIL ECIFIED by teleg	mended pt of this URE OF MAY RE	Amenda YOUR A SULT IN	nent on each of ACKNOWLED NREJECTION	ng meth opy of the GEMEN OF YOU	ne offer T TO BE R OFFE	RECEIVED
	ACCOUNTING AND APPROPRIATION e Accounting Data Page 2	DATA	(M Required)			, -					
			S ITEM APPLIES ONLY T AODIFIES THE CONTRAC				-				
(4)	A. THIS CHANGE ORDER IS ISSUED P	URSUAN	TTO: Specify Authority	THE CHANGES SET	FORTH	IN ITEM	1 14 ARE	MADE IN THE	E CONTR	PACT/OF	IDER NO.
√	B. THE ABOVE NUMBERED CONTRA arc) SET FORTH IN ITEM 14, PURS				IVE CHA	NGES /s	euch as o	changes in pay	ing offic	e, appro	onat ion sa
	C. THIS SUPPLEMENTAL AGREEME	NT IS EN	ITERED INTO PURSUANT	TO AUTHORITY OF:							
	D. OTHER (Specify type of modification	on and au	ithority)								
E IA	MPCRTANT: Contractor X is not,		is required to sign this o	ocument and return	0000	ies to the	issuing	office.			
	DESCRIPTION OF AMENDMENT/MODI e purpose of this modificati			_)ws:
			(Continued on	Attached Page)	<u> </u>		CC	YAC			
Exc	ept as provided herein, all terms and or	onditions	of the document reference	d in Item 9A or 10A, as:	heretoloi	re chang	ed, rema	úns unchande	d and in	tuil lorce	e and eff⇔
	NAME AND TITLE OF SIGNER (Type o			16A. NAME AN Mary Jane	O TITLE	OF CON					
158.	CONTRACTOR/OFFEROR		15C. DATE SIGN	150 HAUTEDS			ICA	leav			E SIGNED
	(Signature of person suthonzed to sign)				Signarfire	of gonin	acting O			<u>'</u>	Per 10-157
PPE	ACUS EDITIONS UNUSABLE			30 :105		•	V	31ANL	2014 F	UK HATI	A STA IOAN

Prescribed by GSA FAR (48 CFR) \$1243

I. Article H-3., Contract Funding is hereby replaced by the following to show the addition of \$1,125,312 to the funding level of which is added to cost and is added to fee:

"H-3. 18-52.232-81 Contract Funding (Mar 1989)

- (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 and covers the following period of performance: May 6, 1991 through June 1, 1993.
- (b) An additional amount of is obligated under this contract for payment of fee."

Basic \$3,292,000 \$437,000 Mod. 1 0 0 Mod. 3 0 500,000 Mod. 4 615,600 115,654 Mod. 5 0 0 Mod. 6 0 400,000 Mod. 7 0 1,042,000 Mod. 8 0 (110,931) Mod. 9 0 52,000 Mod. 10 0 32,397 Mod. 11 0 47,000 Mod. 12 0 47,000 Mod. 13 0 1,125,312 \$3,907,600 \$3,703,432*		Est. Cost	Award Fee	CPAF	Funding	LOE
	Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10 Mod. 11 Mod. 12			0 0 0 615,600 0 0 0 0 0	0 63,000 500,000 115,654 0 400,000 1,042,000 (110,931) 52,000 32,397 0 47,000 1,125,312	

* Includes for cost and for fee.

Accounting and Appropriation Data:

<u>PR</u>	<u>J0</u>	<u>RTR</u>	<u> Amount</u>	<u>Status</u>
3530.2301	R14310	505-59-8 5-01	\$1,118,712	(Partial)
5673.0487	C293309	2933-3020-000	6,600	(Complete)
		Total	\$1,125,312f	

,	AMENDMENT OF SOLICI	TATIO:	ODIFICATIO	ON OF C	ONTRACT	-	FRACTIO CO	CE	PAGE 1	OF PAGES
الم ث	MENOMENT, MODIFICATION NO.	J. EFEECT	PIAD AND AND AND AND AND AND AND AND AND A	4. REQUISIT	TON/PURCHASE 5673.0			5. PRO	WECT NO.	(M spoliceon)
5. IS	SUED BY CO	DOE		7. ACMINIST	TERED BY (#	sation i	than item 5)	COD	E	
	National Aeronautics and S Langley Research Center Hampton, VA 23665-5225	pace Adr	ministration							
3.	NAME AND ADDRESS OF CONTRACTO	A (No., sons	ect county, State and a	ZIP Code)	(1	3A. AMENDMENT C	F SOLICI	TATION NO	٥.
	Calspan Corporatio	n								
	Services Contracts I					9	98. DATED ISEE I	TEM 11)		
	110 Mitchell Boulev				<u>.</u>	\bot				
	Tullahomam TN 37	388				, L		VAS1-		ROER NO.
205).c	1540	" TY CODE		`		108. DATED SEE	TEM 13) 6/6/	91	
COC	<u> </u>		ILITY CODE IS ITEM ONLY APPLI	ES TO AUE	IDNENTS OF SC		PATIONS			
(a) 5 (c) 5 AT 7 virtu	The above number solicitation is amera must acknowledge receipt of this amera completing items 8 and 15, and returning separate letter or telegram which include THE PLACE DESIGNATED FOR THE Representation of this amendment you desire to character to the solicitation and this amendment.	endment prior ing co udes a referen CEIPT OF Or ige an offer al	to the hour and date spies of the amendemente to the solicitation as FFERS PRIOR TO THe ready submitted, such	specified in t int; (b) By a and amendm E HOUR AND h change ma	he solicitation or knowledging re ent numbers. F DATE SPECIFI y be made by te	as arreceipt AILUI ED Malegra	nended, by one of the of this amendment of RE OF YOUR ACKNO AY RESULT IN REJE	seach co DWLEDG CTION O	py of the o EMENT TO F YOUR O	ffer submitted; or D BE RECEIVED FFER. If by
	accounting and appropriation (73.0483; C293309; 2933-3020	•	999uired) 7,000 (Partial)							
			EM APPLIES ONLY T							
(4)	A. THIS CHANGE ORDER IS ISSUED P							E IN THE	CONTRAC	T/ORDER NO.
-	B. THE ABOVE NUMBERED CONTRA									
√	es) SET FORTH IN ITEM 14, PURS									
	C. THIS SUPPLEMENTAL AGREEME	NT IS ENTER	RED INTO PURSUANT	T TO AUTHOR	RITY OF:					
	D. OTHER (Specify type of modification	on and author	rity)							
					4		e to the insulan office	•		
	APCRTANT: Contractor X is not,		s required to sign this o				e to the issuing office.		- (h/a)	
14.	DESCRIPTION OF AMENDMENT/MOD	FICATION	(Organized by UCF se	ection headin	gs, including solk	CHBIDO	nyconir a ci subjeci ma	abr wron	7.88SACV6/	
Th	e purpose of this modificati	on is to i	ncrease funding	g. Accor	dingly, the S	ubje	ect Contract is	modif	ied as f	ollows:
			(Continued on	Attache	d Page)		FILE	CC)PY	
Exc	ept as provided herein, all terms and o	t to enotions	na document reference	in Item 9A	or 10A, as here	tolore	changed, remains ur	nchanged	and in full	lorce and edec
	NAME AND TITLE OF SIGNER (Type o			16A.		TLE C	F CONTRACTING OF			
158	CONTRACTOR/OFFEROR		ISC. DATE SIGN	168. 8Y	WHITE STATE	ES OF	Ja Men	14-		DATE SIGNED
	(Signature of person authorized to sign 1/5404)1-1524070			7 .~	Sopha	night	of Contraction Officers	STAND	ARD FORM	4 30 Pev 10-83
PPE	PACUS EDITIONS UNUSABLE CA - Langley Overprint (DEC 1986)			30-105	6			Prescribe	d by GSA OFFR 51240	

I. Article H-3., Contract Funding is hereby replaced by the following to show the addition of \$47,000 to the funding level of which is added to cost and is added to fee:

"H-3. 18-52.232-81 Contract Funding (Mar 1989)

- (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 and covers the following period of performance: May 6, 1991 through October 31, 1992.
- (b) An additional amount of is obligated under this contract for payment of fee."

	Est. Cost	Award Fee	<u>CPAF</u>	Funding	LOE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10 Mod. 11 Mod. 12			\$3,292,000 0 0 615,600 0 0 0 0 0 0 0 0 0 0 0 0	\$ 437,000	

AMENDMENT OF SOLICITATION	ODIFICATION	OF CONTRACT	1 09	MCT ID CODE	PAGE OF PAGES
2. AMENOMENT, MODIFICATION NO. 1. EFFECTIVE OCT 0.5		EQUISITION/PURCHASE 5673.(5. P	PROJECT NO. // sopoicson
6 :SSUED BY CODE	7. AC	MINISTERED BY IT	other than item i	<i>y</i> co	006
National Aeronautics and Space Adm Langley Research Center Hampton, VA 23681-0001	inistration				
•	t, county, State and ZIP Co	oda) II	√) 9A. AME	IDMENT OF SOL	CITATION NO.
Calspan Corporation			37 7		
Service Contracts Division			98. DATE	D (SEE ITEM 1)	1)
110 Mitchell Boulevard					
Tullahoma, TN 37388			10A MOC	IFICATION OF C	ONTRACT/ORDER NO.
			/		1-19385
			10B. DATE	D SEETEM 13	ກ '5/91
	TY CODE	1 11510115150 05 06			3/71
The above number solicitation is amended as set for	ITEM ONLY APPLIES TO			is extende	ed. is not extended
(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 airs reference to the solicitation and this amendment, and is received.	e to the solicitation and a ERS PRIOR TO THE HO ady submitted , such cha eived prior to the opening	mendment numbers. F UR AND DATE SPECIFI nge may be made by te	AILURE OF YO ED MAY RESU plegram or lette	UR ACKNOWLE	OF YOUR OFFER If by
12. ACCOUNTING AND APPROPRIATION DATA (N. R. P. N. 5673.0483; JO C293309; PN 2933-302	quired) 0-000; \$75,000 (P	artial)			
	MAPPLIES ONLY TO MO IES THE CONTRACT/OR			₹\$.	
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: ITEM 10A. FAR Clause 52.243-2, Changes - Cost B. THE ABOVE NUMBERED CONTRACT/ORDER IS IN MEX. SET FORTH IN ITEM 14, PURSUANT TO THE	t Reimbursement MODIFIED TO REFLECT AUTHORITY OF FAR 43.1	(AUG 1984) - A THE ADMINISTRATIVE C CO(b).	lternate II	(APR 1984))
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERE	D INTO PURSUANT TO A	AUTHORITY OF:			
D. OTHER (Specify type of modification and authority	<i>y</i>				
E. IMPORTANT: Contractor X is not. is in	equired to sign this docum	nent and return	copies to the iss	uing office.	· · · · · · · · · · · · · · · · · · ·
14. DESCRIPTION OF AMENDMENT/MODIFICATION (6					nare feasible)
Pursuant to the Section I Clause Number					
authorized and directed by this change of					
perform operational and system testing f					
Accordingly, the contract is changed as for	ollows:			_	
	(Continued or	Attached Page)	FIL	E COP	Υ
Except as provided herein, all terms and conditions of the	document referenced in 1	tem 3A or 10A, as here	tolore changed,	remains unchang	ed and in full force and effec
ISA. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND THE	TLE OF CONTR		
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED STATE		1 lean	18C. DATE SIGNED
(Signature of person authorized to sign) NSN (\$404)1-152+070		1 (Sagna	ture of Contract	mg stylens)	- 1077
PPEACUS EDMONS UNUSABLE NASA - Langley Overprint (DEC 1986)	3	0-106 /	.	Penach	NDARD FORM 30 Pev 10-53 (bed by GSA 48 CFR) 53243

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NAS1-19385 Modification No. 11

- I. Section C, Statement of Work, Paragraph 2.7, Controls Upgrade
 add:
- "(5) Develop a Microprocessor Controller Test Plan and activate the Controls Equipment.
- (6) Provide technical expertise and support for the controls system testing.
- (7) Provide support for changes in the Tunnel Penetration Requirements."

	Est. Cost	Award Fee	CPAF	Funding	LOE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10 Mod. 11			\$3,292,000 0 0 615,600 0 0 0 0 0 53,907,600	\$ 437,000	

8. ISSUED BY COCE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225 3. NAME AND ADDRESS OF CONTRACTOR (No., street county), State and 27th Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388 COCE FACILITY CODE 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATION The above number solicitation is amended as set forth in tem 14. The hour and data specified for receipt of other amendment on selection graded in the solicitation or as amended, by one of the following methods: (a) by completing thans 8 and 15, and returning copies of the amendment; (a) described for receipt of this amendment prior to the hour and data specified in the solicitation or as amended, by one of the offering methods: (a) by spensels enter or integran which reference to the four and data specified in the solicitation on the solicitation and this amendment prior to the hour and data specified in the solicitation of the solicitation and this amendment or chapter to the solicitation and this amendment on the solicitation and this amendment or chapter of the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (A Required) 5673.0477; C293309; 2933-3020-000 (\$323,937) (Complete) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. 2. THE CHANGE ORDER IS ISSUED PURSUANT TO THE AUTHORITY OF FAR 41,103(b). 14. DESCRIPTION OF AMENDMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 15. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REPLECT THE ADMINISTRATIVE CHANGES (Auch as changes in paying official above only SET PORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 41,103(b). 16. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 17. DESCRIPTION OF AMENDMENT/MODIFICATION (Companied by ICCF accided Newscrips in Acciding scientification of the second policy of the Suppli	PAGES	PAGE OF	TRACTIO CODE	11	СТ	N OF CONTRA	:ODIFICATION	TATIO	F SOLICIT	AMENDMENT O
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The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers			6/6/				JTY CODE	FACILI		CODE
Other 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 resuming copies of the strengthment; (b) By seknowledging receipt of this amendment on each copy of the offer. (b) By septral eleter or relegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER virture of this amendment you desire to change an offer already submidded, such change may be made by relegram or letter, provided each telegram or letter reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (**Required**) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. 15. A THIS CHANGE ORDER IS ISSUED PURSUANT TO: **Specify Authority**) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. 25. A THIS CHANGE ORDER IS ISSUED PURSUANT TO: **Specify Authority**) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. 26. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriate of the contractor of t				NOTATION	SOUC	S TO AMENDMENTS O	TEM ONLY APPLIES	11. THIS		
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER 15 IN 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriate) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43,103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor X is not. is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible) The purpose of this modification is to increase funding. Accordingly, the Subject Contract is modified as folicy.	l. If by	F YOUR OFFER 1	ULT IN REJECTION O	MAY RES	IFIED y teleg	HOUR AND DATE SPE change may be made t	FERS PRIOR TO THE sady submitted , such oberved prior to the open	CEIPT OF OFF ge an offer alreadent, and is rece	D FOR THE REC u desire to chang and this amendme	AT THE PLACE DESIGNATES virture of this amendment you reference to the solicitation a
A THIS CHANGE ORDER IS ISSUED PURSUANT TO: Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropried) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER Specify type of modification and authority) E. IMPORTANT: Contractor X is not. is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible) The purpose of this modification is to increase funding. Accordingly, the Subject Contract is modified as follows:						e)	•	•	2933-3020-	5673.0477; C293309;
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriate). SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor X is not. is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where leasable) The purpose of this modification is to increase funding. Accordingly, the Subject Contract is modified as follows:									1	
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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 leasable) The purpose of this modification is to increase funding. Accordingly, the Subject Contract is modified as follows:										
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(Continued on Attached Page)			Flick		;)	on Attached Pag	(Continued o			
Except as provided herein, all terms and conditions of the document referenced in item 3A or 10A, as heretofore changed, remains unchanged and in full force				re chang	eretolo	in item 3A or 10A, as i	document referenced	ent to enotions	all terms and cor	Except as provided herein,
15A. NAME AND TITLE OF SIGNER (Type or Print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager		(Type or Print)	TRACTING OFFICER			ı		r Pring	IGNER (Type or	15A. NAME AND TITLE OF SI
158. CONTRACTOR/OFFEROR 15C. DATE SIGNED 168. UNITED STATES OF AMERICA 16C. DATE OF AMERICA 1	E SIGNES	16C. DATE S	CA Maga	OF AMER	ATES (15C. DATE SIGNED		OR	158. CONTRACTOR/OFFER
(Signature of person authorized to sign) NEN (SAU-1)1-152-1070 STANDARD FORM 30	Pov 10-10	ARD FORM 10 P		of Contr	nanjn			<u> </u>	ingu or beznora	

PREVIOUS EDITIONS UNUSABLE
NA 3A Langley Overprint (DEC 1986)

Prescribed by GSA FAR (48 CFR) \$1.243

I. Article H-3., Contract Funding is hereby replaced by the following to show the addition of \$32,397 to the funding level of which is added to cost and is added to fee:

"H-3. 18-52.232-81 Contract Funding (Mar 1989)

- (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 and covers the following period of performance: May 6, 1991 through October 31, 1992.
- (b) An additional amount of is obligated under this contract for payment of fee."

	Est. Cost	Award Fee	CPAF	<u>Funding</u>	LOE
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9 Mod. 10			\$3,292,000 0 0 0 615,600 0 0 0 0 53,907,600	\$ 437,000	

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2. 4/	MENDMENT, MODIFICATION NO.	U (A)	TNE DATE 4.	AEGUISITION/PURCE 56	43E REQ 73.045		5. PROJ	ECT NO.	(N spoliceble)
6. IS	SUEO 8Y	COOE	7.	ADMINISTERED BY	(Nother	than item 6)	CODE		
	National Aeronautics Langley Research Cen Hampton, VA 23665-	iter	lministration						
8.	NAME AND ADDRESS OF CONT		reet county, State and ZIP	Code)	(4)	9A. AMENDMENT	OF SOLICITA	ATION NO).
	Calspan Corpo	, ,	, 100 100 100 100 100 100 100 100 100 10	,					
	Services Contr				1 -	98. DATED SEE	EITEM 11)		
	110 Mitchell B								
	Tullahoma, TN	₹ 37388				10A. MODIFICATIO	ON OF CONT	RACT/OR	DER NO.
					1		NAS1-1	9385	
COD	<u> </u>	5.4	CILITY CODE		\dashv \lceil	108. DATED SEE	E <i>ITEM 13)</i> 6/6/9	1	
COL		1	HIS ITEM ONLY APPLIES	TO AMENDMENTS (DE SOLICE	TATIONS			
	The above number solicitation						is extended.	<u> </u>	s not extended.
(c) E AT T virtu	by completing items 8 and 15, and By separate letter or telegram when THE PLACE DESIGNATED FOR the of this amendment you desire rence to the solicitation and this	nich includes a refere THE RECEIPT OF () to change an offer (OFFERS PRIOR TO THE I already submitted , such cl	I amendment numbe HOUR AND DATE SPE hange may be made	rs. FAILU CIFIED N by telegr	JRE OF YOUR ACK MAY RESULT IN RE	NOWLEDGE JECTION OF	MENT TO YOUR OF	FER. If by
	accounting and appropri 73.0458; C293309; 2933		(<i>Required)</i> 52,000 (Complete)					
			TEM APPLIES ONLY TO I						
<i>⊗</i>	A. THIS CHANGE ORDER IS IS: ITEM 10A.			 			ADF IN THE C	CNTRACT	YORDER NO. 1
√	B. THE ABOVE NUMBERED C		IS MODIFIED TO REFLECTIVE OF FAR 4		TVE CHAN	IGES (such as char	nges in paying	office, ap	propriation dan
	C. THIS SUPPLEMENTAL AG	REEMENT IS ENTE	RED INTO PURSUANT TO	O AUTHORITY OF:		•			
	D. OTHER Specify type of m	odification and auth	ority)			-			
E 11	MPORTANT: Contractor X	is not.	is required to sign this doo	sument and return	сорі	es to the issuing offi	ce.		
14.	DESCRIPTION OF AMENDMEN	T/MODIFICATION	(Organized by UCF section	ion headings, including	g solicitati	ion/contract subject (matter where i	(94510/0)	
1	ne purpose of this modi ontract Schedule is cha			Accordingly, p	aragra	ph H-3., Cont	ract Fund	ling, o	f the
			(Continued o	n Attached Pag	ge)	FIL	E CO	PY	
Ex	cept as provided herein, all tern	ns and conditions of	the document referenced						
15A	. NAME AND TITLE OF SIGNER	(Type or Pnni)		Mary Jane		OF CONTRACTING	CFFICER (Type or Pi	ind
158	. CONTRACTOR/OFFEROR		ISC. DATE SIGNED	BY W	m/	one Year	Cr	16C. C	DATE SIGNED
	/Signature of parson authorize	d to sign)		30-105	Septamore	of Controlling Office	STANDA	RD FORM	1 30 Per 10-83
200	PACER COTTONS I NA ISASE E							CCA	*

NASA - Langley Overprint (DEC 1986)

FAR (48 CFR) 51243

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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 and covers the following period of performance: May 6, 1991 through September 30, 1992.
- (b) An additional amount of tis obligated under this contract for payment of fee.

	Est. Cost	Award Fee	CPAF	Funding	Funding Date
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8 Mod. 9			\$3,292,000 0 0 0 615,600 0 0 0 0 \$3,907,600	\$ 437,000 0 63,000 500,000 115,654 0 400,000 1,042,000 (110,931) 52,000 \$2,498,723*	8-31-91 9-30-91 11-15-91 12-21-91 3-01-92 9-30-92 9-30-92 9-30-92

AMENDMENT OF SOLIC	/	MODIFICAT	ION OF CONTR	ACT	ONTRACTIO	CODE	PAGE OF PAGES
2. AMENOMENT/MODIFICATION NO.	MAR	NE DATE	4. REQUISITION/PURC	HASE REG 573.04 L		5. PROJ	JECT NO. (M soplication
6 ISSUED BY	COOE		7. ADMINISTERED BY	(Nother	r than item 5)	CODE	
National Aeronautics and Langley Research Center Hampton, VA 23665-522	-	ministration					
8. NAME AND ADDRESS OF CONTRACTO	OR (No., son	est county, State and	1 ZIP Code)	(4)	9A. AMENDMENT	OF SOLICIT	ATION NO.
Calspan Corporation							
Services Contracts Division	n				98. DATED (SE	EITEM 11)	
110 Mitchell Boulevard						,	
Tullahoma, TN 37388							
,					10A. MODIFICATIO	NAS1-1	
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CODE		LITY CODE				6/6/9	<u> </u>
The above number solicitation is an			LIES TO AMENDMENTS			s extended.	
(c) By separate letter or telegram which inc AT THE PLACE DESIGNATED FOR THE F virture of this amendment you desire to chareference to the solicitation and this amend 12. ACCOUNTING AND APPROPRIATION	ECEIPT OF O ange an offer al diment, and is re DATA (M)	FFERS PRIOR TO T Iready submitted, su- eceived prior to the o 	HE HOUR AND DATE SPE ch change may be made pening hour and date spe	ECIFIED A	MAY RESULT IN RE	JECTION OF	YOUR OFFER If by
5673.0410; C293307; 2933-203	0-000 (\$1	10,931) (Comp	olete)				
			TO MODIFICATIONS OF CT/ORDER NO. AS DESC				
A. THIS CHANGE ORDER IS ISSUED ITEM 10A							
3. THE ABOVE NUMBERED CONTR.	ACT/ORDER IS RSUANT TO TH	S MODIFIED TO REI IE AUTHORITY OF FA	FLECT THE ADMINISTRAT AR 43.103(b).	IVE CHAN	IGES <i>(such as chan</i>	ges in paying	office, appropriation sa
C. THIS SUPPLEMENTAL AGREEM	ENT IS ENTER	RED INTO PURSUAN	IT TO AUTHORITY OF:				
Mutual Agreement							
O. OTHER (Specify type of modifical	tion and author	rity)					
E. :MPORTANT: Contractor is not.	X is	s required to sign this	document and return	3 copie	es to the issuing offic		
14. DESCRIPTION OF AMENDMENT/MOD			section headings, including				easible)
The purpose of this modificate Contract Schedule is changed			g. Accordingly, p	aragraļ	oh H-3., Conti	ract Fund	ling, of the
		(Continued	on Attached Pag	e)	,		
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15A. NAME AND TITLE OF SIGNER TYPE	or Pano St	ephen T. Cop	DE 16A. NAME AN		OF CONTRACTING	OFFICER /	ype or Print
ASSOCIATE DIFECTOR OF E	lusiness		Mary Jane		F AMERICA		-
Singular of person suchon red to say	27	15C. DATE SIGN	9 Z	an ethor	A GARDAGO		3/20/92
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NAS1-19385 Modification No. 8

- (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 and covers the following period of performance: May 6, 1991 through September 30, 1992.
- (b) An additional amount of is obligated under this contract for payment of fee.

	Est. Cost	Award Fee	CPAF	Funding	Funding Date
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6 Mod. 7 Mod. 8			\$3,292,000 0 0 615,600 0 0 0 \$3,907,600	\$ 437,000 0 63,000 500,000 115,654 0 400,000 1,042,000 (110,931) \$2,446,723*	8-31-91 9-30-91 11-15-91 12-21-91 3-01-92 9-30-92 9-30-92
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* Includes for cost and for fee.

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National Aer Langley Rese Hampton, VA	earch Center	nd Space A	dministratio	on			CODE	
3. NAME AND ADDR	LESS OF CONTRA	CTOR (No., stre	et, county. State an	d ZIP Code)	[(4)	9A. AMENOM	ENT OF SOL	ICITATION
Calspan Service: 110 Mite	Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TX 37388							CONTRACT
					X	108. DATED (5	SEE ITEM 13	
CODE		FAC	CILITY CODE		 	6/6,	/91	
	11.	THIS ITEM O	NLY APPLIES TO	AMENDMENT	S OF SOLIC	ITATIONS		
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				REFLECT THE ACTHE AUTHORITY		VE CHANGES 03(b).	(such as chan	ges in payin
C. THIS SUPPLE	MENTAL AGREE	MENT IS ENTE	RED INTO PURSU.	ANT TO AUTHOR	ITY OF:			
D. OTHER (Spec	ify type of modific	ation and author	rity)					
E. IMPORTANT: C	Ontractor X IS	s not, is	required to sign :	his document and	d return	copies t	o the issuin	g office. where feasi
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NSN 7540-014152-8070 PREVIOUS EDITION AMUSABLE NATALL ANGLEY OVERNAME (OFC 1986

- (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 and covers the following period of performance: May 6, 1991 through September 30, 1992.
- (b) An additional amount of is obligated under this contract for payment of fee.

	Est. Cost	Award Fee	CPAF	Funding	Funding Date
Basic Mod. 1 Mod. 2			\$3,292,000 0 0	\$ 437,000 0 63,000	8-31-91 9-30-91
Mod. 3 Mod. 4 Mod. 5			0 615,600	500,000 115,654	11-15-91 12-21-91
Mod. 6 Mod. 7			0 0 0 \$3,907,600	0 400,000 1,042,000 \$2,557,654*	3-01-92 9-30-92

* Includes for cost and for fee.

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Secretary And Secretary And Secretary And	AMENDMENT OF SOLICITA	N/MODIFICATION	OF CONTRACT	TO COMPRACE TO G.	שנו שנו
National Aeronautics and Space Administration Langley Research Center Hampton, va. 23665-5225 This and Address of Identification is used, county, date and difficult. Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TX 37388 The above numbered policitation is amended as set forth in lens 14. The hour and date specified for receipt of Offers of 16. Set in the set of 18. Set in 19. Date of 18. Set in 19. Set in 19. Date of 18. Set in 19. Set in 19. Date of 18. Set in 19	6	DELL D 195	4. agadistrion, Pon 3530. 2	301	. PROJECT NO. III JPD
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The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. Is tended. 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 method (a) by completing Items and (b) and returning	Calspan Corporation Services Contracts Div 110 Mitchell Boulevard	ision	ZIP Code)	98. DATEO (SEE	TION OF CONTRACT
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The above numbered solicitation is smended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is encoded. 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 method is a completing Items 3 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on as act cody of a completing Items 3 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on asset cody of a completing Items 3 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on asset cody of the solicitation and and amendment means. FAILURE DF VOUR ACKNOWLAND	11. THIS ITE	<u> </u>	AMENDMENTS OF SO	DICITATIONS	
12. ACCOUNTING AND APPROPRIATION DATA (If required) 3530.2301 R17095 505-59-85-01 \$400,000 (partial) 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. YI A. THIS CHANGE GROER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CO. 3. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in payin, oppropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 3.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority) E. IMPORTANT: Contractor Is not, Is required to sign this document and return cooles to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section Readings, Including solicitation/contract subject matter where fewer). The purpose of this modification is to provide funding pursuant to the Section I clause entitled "Limitation of Funds." Accordingly, paragraph H-3., Contract Funding, of the Contract Schedule is changed as follows: (Continued on Attached Page) (Continued on Attached Page) Mary Jane Yeager Mary Jane Yeager 138 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 130 100/174/AUCTOR/OFFEAGR 130 100/174/AUCTOR/OFFEAGR 131 100/174/AUCTOR/OFFEAGR 132 100/174/AUCTOR/OFFEAGR 133 100/174/AUCTOR/OFFEAGR 134 100/174/AUCTOR/OFFEAGR 135 100/174/AUCTOR/OFFEAGR 136 100/174/AUCTOR/OFFEAGR 137 100/174/AUCTOR/OFFEAGR 138 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 139 100/174/AUCTOR/OFFEAGR 130 100/174/AUCTOR/OFFEAGR 130 100/174/AUCTOR/OFFEAGR 131 100/174/AUCTOR/OFFEAGR 132 100/174/AUCTOR/OFFEAGR 134 100/174/AUCTOR/OFFEAGR 135 100/174/AUCTOR/OFFEAGR 140 100/174/AUCTOR/OFFEAGR 140 100/174/AUCTOR/OFFEAGR 140 100/174/AUCT	Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning submitted; or (c) By separate letter or telegram whi MENT TO BE RECEIVED AT THE PLACE DESIGN IN REJECTION OF YOUR OFFER. If by virtue of	prior to the hour and datecopies of the amend ion includes a reference to NATED FOR THE RECEIL f this amendment you desi	specified in the solicitation ment; (b) By acknowledging the solicitation and amend PT OF OFFERS PRIOR TO TO TO TRANSPERS PRIOR TO TO TO TRANSPERS PRIOR TO TO TO THE TO T	n or as amended, by one ng receipt of this amend ment numbers. FAILUF O THE HOUR AND DA	e of the following methodiment on each copy of : RE OF YOUR ACKNOW TE SPECIFIED MAY 38
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The purpose of this modification is to provide funding pursuant to the Section I clause entitled "Limitation of Funds." Accordingly, paragraph H-3., Contract Funding, of the Contract Schedule is changed as follows: (Continued on Attached Page) (Continued on Attached Page) Except as provided herein, all terms and conditions of the document referenced in item 2A or 10A, as heretofore changed, remains unchanged and in full land the contract of the contract o	WI A. THIS CHANGE ORDER IS ISSUED PURSUED TRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/OR appropriation date, etc.) SET FORTH IN IT. C. THIS SUPPLEMENTAL AGREEMENT IS E	JANT TO: (Specify authority authority) RDER IS MODIFIED TO FEM 14, PURSUANT TO T	REFLECT THE ADMINIST THE AUTHORITY OF FAR	FORTH IN ITEM 14 A RATIVE CHANGES (5) R 43.103(b).	
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Except as provided herein, all terms and conditions of the document referenced in Item 3A or 10A, as heretofore changed, remains unchanged and in full and effect. 15A, NAME AND TITLE OF SIGNER (Type or print) Mary Jane Yeager 15B, CONTRACTOR/OFFEROR 15C, OATE SIGNED 16B, UNITED STATES OF AMERICA 16C, OATE SIGNED 16B, UNITED STATES OF AMERICA 15C, OATE SIGNED 16B, UNITED STATES OF AMERICA 15C, OATE SIGNED 16B, UNITED STATES OF AMERICA	The purpose of this modified Section I clause entitled	fication is to	o provide fun of Funds."	ding pursuan Accordingly,	t to the paragraph
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(Signature of person authorized to sign) BY (Signature of Contraging Officer)	ISB. CONTAACTOR/OFFEROR	ISC. DATE SIGNED	, -		IGC. DATE ;
	(Signature of person unthorized to sign)		BY Signatures	Contraging Officer	12-10

NSN 7540-01-152-4070 PRE VIOUS EDITION UNUSABLE NAIA-Langley Overprint (DEC 1986)

STANDARD FORM 30 (REV. Prescripted by GSA FIAR (44 (TFR) b) 241

- (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 and covers the following period of performance: May 6, 1991 through March 1, 1992.
- (b) An additional amount of the is obligated under this contract for payment of fee.

	Est. Cost	Award Fee	CPAF	Funding	Funding Dat
Basic Mod. 1 Mod. 2 Mod. 3 Mod. 4 Mod. 5 Mod. 6			\$3,292,000 0 0 615,600	\$ 437,000 0 63,000 500,000 115,654 0 400,000	8-31-91 9-30-91 11-15-91 12-21-91 3-01-92
			\$3,907,600	\$1,515,654*	

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2. AMENOMENT, MODIFICATION NO. 5	า ที่ก็ป	9 n 100	.च. संस्थापाडा गाउँका 	PIJHCHAS	E REQ. NO.	S. PROJEC	T NO. (11 10)
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National Aeronautics and Sp Langley Research Center Hampton, VA 23665-5225		stration				CODE	
3. NAME AND ADDRESS OF CONTRACTOR	No., street, count	ty. State and .	ZIP Code)	(4)	9A. AMENON	MENT OF SOI	LICITATION
Calspan Corporation Services Contracts 110 Mitchell Boulev Tullahoma, TX 37388		98. DATED (CONTRACT			
				×	10B. DATED	(SEE ITEM 1	3)
CODE	FACILITY C	ODE				/5/91	- ,
11. THIS I	TEM ONLY AP	PPLIES TO	AMENDMENTS O	FSOLIC	ITATIONS		
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_ · · _ · · _			IFICATIONS OF (ER NO. AS DESC			RS,	
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B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN	ORDER IS MOD ITEM 14, PURS	DIFIED TO R	EFLECT THE ADMI TE AUTHORITY OF	NISTRAT	IVE CHANGE 03(b).	S (such as cha	nges in pa yin
C. THIS SUPPLEMENTAL AGREEMENT X Mutual Agreement O. OTHER (Specify type of modification of		TO PURSUAN	NT TO AUTHORITY	OF:			
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14. DESCRIPTION OF AMENDMENT/MODIFIE							
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Associate Director of Busines			Mary Jai				I I BC. DATE
Significant person authorized to the	11/6	18/91	81 //	twe of Gor	T/ Lugarine Office	•(1)	11:00
			<u>:</u>				

STANDARD FORM 30 (REX

Page 2 of 2

I. Paragraph (c) of Article H-5 $\underline{\text{Key Personnel}}$ and Facilities is changed as follows:

· is deleted and

substituted in

lieu thereof.

CONTRACT TABULATION

	Est. Cost Award Fee		t. Cost Award Fee CPAF Fu		unding	Funding Da
Basic Mod. 1			\$3,292,000 0	\$	437,000	8-31- 91
Mod. 2			0		63,000	9-30-91
Mod. 3			0		500,000	11-15-91
Mod. 4			615,600		115,654	12-21-91
Mod. 5			0		0	
			\$3,907,600	\$1	,115,654	

			CONTRACTIO	. 3135	.0.2.2.5
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2. AMENOMENT/MODIFICATION NO.	OCT 1 8 1991	4. REQUISITION, PURC 5673.	0410	S. PROJEC	TNO. (If applie
6. (\$SUED BY)	1 MOMINISTERED & !	(If other than Item	CODE	
National Aeronautics and Spa Langley Research Center Hampton, VA 23665-5225	ace Administration				
8. NAME AND ADDRESS OF CONTRACTOR (Vo., street, county, State and	ZIP Code)	(V) 9A. AMENO	ENT OF SOL	LICITATION N
Calspan Corporation Services Contracts D 110 Mitchell Bouleva Tullahoma, TX 37388			NO.		CONTRACT/C
			X 108. DATES	SEE ITEM I	
CODE	FACILITY CODE		6/	5/91	
11. THIS IT	TEM ONLY APPLIES TO	AMENDMENTS OF SO	LICITATIONS		
3. THIS ITEM A IT MODIFIE TRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT, appropriation dose 100. SET FORTH IN CTAIS SUPPLEMENT: AGREEMENT: X Limitation of sunds Claus	copies of the amendate copies of the amendate which includes a reference to GNATED FOR THE RECEIF of this amendment you desirence to the solicitation and the copies of the solicitation and the copies of the copie	specified in the solicitation ment: (b) By acknowledging the solicitation and amended to FOFOFERS PRIOR TO the to change an offer alreading amendment, and is received. 15,654 (Particular Control of	an or as amended, 2% or as amended, 2% or as amended, 2% or as amended, 5% or as a control of the control of th	Endment on e. UPE OF YOU DATE SPECII range may be ening hour and S., LARE MADE	ach copy of the UR ACKNOWL FIED MAY RE: made by telegrid date specified
O. OTHER (Specify Tipe of modification an	a sumority)				
E. IMPORTANT: Contractor is not,	X is required to sign th	is document and return	3 ccc ±s	to the issuit	ng office.
14. DESCRIPTION OF AMENDMENT/MODIFIC	ATION Organized by LICE of				
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103 11/ect.	s of the document referenced	n Item 3A or LOA, 45 nere	itafare shanged, rem	ains unchange	o' liut ni bne bi
ISA. NAME AND TITLE OF SIGNER (Type or a	rint)	116A, NAME AND FITLE	OF CONTRACTIVE	_ UF=1CE# 1	* > p = 0. p :
Stephen T. Cope Stephe	ad Administration	W.R. Kivet	FAMERICA /		16C. DATE SIG
Signature of person suchorused to tign	11 oct 91	(Signature)	I Contracting Office		

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NAS1-19385 Modification No. 4

- I. Article B-2. <u>Level of Effort</u>, is revised by deleting paragraph A in its entirety and substituting the following in lieu thereof:
- "A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to direct productive labor hours as defined in paragraph C. below."
- II. Article B-3. Estimated Cost, Award Fee, and Fixed Fee, is deleted in its entirety and the following substituted therefore:
 - "B-3. ESTIMATED COST, AWARD FEE, AND FIXED FEE
- A. The estimated cost of the contract is exclusive of the award fee of the total of the estimated cost and award fee is \$3,907,600. The total fixed fee is \$4 base fee shall not be paid under the contract.
- B. The award fee available for each evaluation period is as follows:

Period

Available Award Fee

June 22, 1991 - December 21, 1991 December 22, 1991 - June 21, 1992 June 22, 1992 - December 21, 1992 December 22, 1992 - June 21, 1993



*Note: A fixed fee amount will be inserted if the Government exercises the one-month options to extend the period of performance as set forth in H-6.C."

- III. Article H-3. Contract Funding, is changed 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 and covers the following period of performance: May 6, 1991 through December 21, 1991.
- B. An additional amount of sis obligated under this contract for payment of fee.
- IV. Article H-20. Consent To Subcontract is hereby added to Section H of the contract schedule as follows:

"H-20. Consent To Subcontract

The Contractor shall obtain the Contracting Officer's consent before award of a subcontract exceeding \$25,000."

- V. The following NASA/FAR Supplement Clause is hereby added to paragraph I-1.II of Section I of the contract schedule as follows:
- "18-52.245-73 Financial Reporting of Government-Owned/ Contractor-Held Property (March 1989.)"
- VI. Exhibit A, Contract Documentation Requirements is revised as follows:
- A. Paragraphs K and L are added to <u>Documentation</u> Preparation/Submission <u>Instructions</u> as follows:
- K. Report of Government-Owned/Contractor Held Property (NASA FORM 1018) -- 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."
- L. Documentation for Transferring Property to the Government

In accordance with the Installation-Provided Government Property clause of this contract, accountability for that property which is acquired for the Government under this contract shall be passed to the Government as using the following procedure:

(a) Property Utilized in the Performance of this Contract at Langley Research Center. The transfer of accountability shall be initiated by the Contractor submitting a Requisition and Invoice/Shipping Document, DD Form 1149, accompanied by a copy of the Contractor's applicable purchasing document for the property. The Contractor shall insert both the Contractor's Subcontract/Purchase Order number and the Government contract number of the DD Form 1149 under the "Federal Stock Number, Description, and Coding of Material and/or Services" block. If the property is delivered to Langley Research Center, the DD 1149 and the supporting documentation must be submitted within 5 workdays after acceptance of the item by the Contractor. If the property is to be transferred from another location to Langley Research Center, the DD 1149 and other documents must be

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submitted prior to delivery of the property to the Government. Receipt by the Contractor of a copy of the DD 1149 signed by the Government relieves the Contractor of accountability for the property specified on that form.

- (b) Other Deliverable Property. For all other property specified as a deliverable under this contract, including property delivered under any work orders or task assignments issued under the contract, the Contractor shall submit a completed Material and Inspection and Receiving Report, DD Form 250, upon delivery.
- B. Paragraphs B and C of <u>Document Distribution</u>

 <u>Requirements</u> are revised to add the following report recipient and documents as follows:

J--Industrial Property Office, Mail Stop 377

Report of Government Owned/ Contractor Held Property (NASA Form 1018)

A-1, B-1, J-4

Requisition and Invoice/ Shipping Document (DD Form 1149)

J-1

CONTRACT TABULATION

	Est. Cost	Award Fee	<u>CPAF</u>	F	unding	Funding [
Basic			\$3,292,000	\$	437,000	8-31-1	
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CODE FACILITY COO				6/91	
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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 and covers the following period of performance: May 6, 1991 through November 15, 1991.
- (b) An additional amount of is obligated under this contract for payment of fee.

		Est. Cost	Award Fee	<u>CPAF</u>	F	unding	Funding Date
Basic Mod.				\$3,292,000 0	\$	437,000 0	8-31-91
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			X TOB. DATED		13)
CODE	FACILITY CODE		6/	/6/91	
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	10.		ST	ANDARD FO	ORM 30 (REV.

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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 and covers the following period of performance: May 6, 1991 through September 30, 1991.
- (b) An additional amount of is obligated under this contract for payment of fee.

CONTRACT TABULATION

	Est. Cost	Award Fee	<u>CPAF</u>	Funding	Funding Date
Basic Mod. 1			\$3,292,000 0	\$437,000	8-31-91
Mod. 2			0 \$3,292,000	63,000 \$500,000*	9-30-91
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STANDARD FORM 30 (RE / Prosprioded by 22A Frank 44 (Fig.) 1241 Add the following paragraph to 2.0 Task Areas:

"2.7 <u>Controls Upgrade</u> -- The Contractor shall provide support in the upgrade of the following NTF control systems:

(

- (1) Microprocessor systems, including software conversion
- (2) Programmable Logic Controller (PLC) systems
- (3) Analog Controller systems
 - (4) Temperature Scanner systems"

CONTRACT TABULATION

Est. Cost Award Fee CPAF Funding Funding Date

\$3,292,000 \$437,000 8-31-91

Mod. 1 \$3,292,000 \$437,000*

*Includes for cost and for fee.

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