

## **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 privileged 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.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 50	3. EFFECTIVE DATE 4/16/98	4. REQUISITION/PURCHASE REQ. NO. See Block 12	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	126	7. ADMINISTERED BY (If other than Item 6)	CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Calspan Advanced Technology Center Attn: Thomas W. Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6-22-91
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DAE.1197, \$89.420 R22820; Obligated Complete

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

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 the incremental funding. Accordingly, the following changes are made to the Contract Schedule:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print) Thomas W. Beck, Senior Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard C. Shisler	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 4/16/98

**FILE COPY**

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 [REDACTED] is added to cost, and [REDACTED] 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 [REDACTED] and covers the following period of performance: June 22, 1991 through April 30, 1998.

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

B. All other terms and conditions shall remain unchanged.

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CONTRACT TABULATION

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

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	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		0	320,000
Mod. 49		432,242	690,000
Mod. 50		0	89,420
		<u>\$12,807,695</u>	<u>\$12,807,695*</u>

\*Includes [redacted] for cost and [redacted] for fee.

OMB Approval #: 2700-0042

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 49	3. EFFECTIVE DATE 12-29-97	4. REQUISITION/PURCHASE REQ. NO. See Block 12	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE 128	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Calspan Advanced Technology Center Attn: Thomas W. Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225		(X)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
			10B. DATED (SEE ITEM 11) 8-22-01
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
GGK.1398, \$50,000 (Complete); DAE.1122, \$640,000 (Complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

The purpose of this modification is to extend the period of performance by approximately 4 months, to increase the contract cost amount, to increase the incremental funding, and to correct the total funded. It is noted that, for this approximately 4 month extension, the additions to contract cost and level of effort are offset by existing underruns in these areas. Accordingly, the following changes are made to the Contract Schedule:

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

13A. NAME AND TITLE OF SIGNER (Type or print) Thomas W. Beck, Senior Contracts Manager		13B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Stanley W. Ward	
13C. DATE SIGNED 17 Dec 97	13D. UNITED STATES OF AMERICA	13E. DATE SIGNED 12/17/97	13F. UNITED STATES OF AMERICA
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

FILE COPY

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 [REDACTED] and the total fixed fee is increased by [REDACTED]

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

A. The estimated cost of the contract is [REDACTED], exclusive of the award fee of [REDACTED] and a fixed fee of [REDACTED]. The total of the estimated 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 [REDACTED] 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 [REDACTED] and covers the following period of performance: June 22, 1991 through April 10, 1998.

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

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.

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Fixed Fee</u>	<u>CPAF/FF</u>	<u>Funding</u>	<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	
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	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		0	320,000
Mod. 49	<u>500,145</u>		<u>690,000</u>
	<u>\$12,807,695</u>		<u>\$12,668,275*</u>

\*Includes [redacted] for cost and [redacted] for fee.



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 48	3. EFFECTIVE DATE October 20, 1997	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	126	7. ADMINISTERED BY (If other than Item 6) CODE	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6-22-91
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DAE.1121, \$320,000 (Complete)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS 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 the incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect an increase in funding in the amount of \$320,000 of which [redacted] is added to cost and [redacted] is added to fee.

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		STANLEY W. WARD	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10/24/97
(Signature of person authorized to sign)			

**FILE COPY**  
Contract Files

“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 [REDACTED] and covers the following period of performance: June 22, 1991 through December 21, 1997.

(b) An additional amount of [REDACTED] is obligated under this contract for payment of fee.”

B. All other terms and conditions shall remain unchanged.

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CONTRACT TABULATION

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

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		0	270,000
		<u>\$12,307,550</u>	<u>\$11,978,275*</u>

\*Includes [redacted] for cost and [redacted] for fee.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 5	
2. AMENDMENT/MODIFICATION NO. 47	3. EFFECTIVE DATE November 1, 1997	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)		
6. ISSUED BY CODE	126	7. ADMINISTERED BY (If other than Item 6)		CODE	

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225			
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
			10B. DATED (SEE ITEM 13) 6-22-91
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DAE.1071, \$33,000 (Complete)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

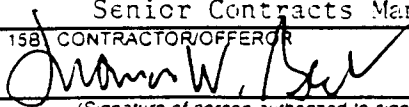
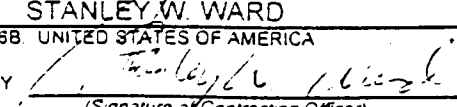
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 10 USC 2304 (C) (1)
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor is not, X is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to clarify/revise the Statement of Work relative to tunnel operations support. Accordingly, the contract is modified as set forth on the following two pages. Both parties hereby agree that this modification will not result in an increase in the contract's estimated cost, fee, or level of effort.

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

15A. NAME AND TITLE OF SIGNER (Type or print) THOMAS W. BECK Senior Contracts Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) STANLEY W. WARD	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 30 Oct 97	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 10/31/97

FILE

*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
- GN<sub>2</sub> Vent System
- LN<sub>2</sub> Flow Control System
- LN<sub>2</sub> Supply System
- LN<sub>2</sub> Storage System
- LN<sub>2</sub> Transfer (800 ton tank)
- LN<sub>2</sub> 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

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Fixed Fee</u>	<u>CPAF/FF</u>	<u>Funding</u>	<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	
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
		<u>\$12,307,550</u>	<u>\$11,708,275*</u>

\*Includes [redacted] for cost and [redacted] for fee.



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1 CONTRACT ID CODE	PAGE OF PAGES 1 3
2 AMENDMENT/MODIFICATION NO 46	3 EFFECTIVE DATE JUL 22 1997	4 REQUISITION/PURCHASE REQ NO	5 PROJECT NO (If applicable)
6 ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE 126	7 ADMINISTERED BY (If other than item 6) CODE	

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	(x)	9A AMENDMENT OF SOLICITATION NO.
		9B DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6-22-91
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DAE.1071. \$33,000 (Complete)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS 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 the incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect an increase in funding in the amount of \$33,000 of which \_\_\_\_\_ is added to cost and \_\_\_\_\_ is added to fee.

15A. NAME AND TITLE OF SIGNER (Type or print)		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Stanley W Ward	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	15B. UNITED STATES OF AMERICA	15C. DATE SIGNED
(Signature of person authorized to sign)		BY ORIGINAL SIGNED BY	JUL 22 1997
		(Signature of Contracting Officer)	

FILE COPY

(a) In payment of the base of fee, in accordance with the Limitation of Funds clause, the total amount obligated by the Government to this contract is [REDACTED] and covers the following period of performance: June 22, 1991 through October 31, 1997.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

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	
		<u>\$12,307,550</u>	<u>\$11,708,275*</u>	

\*Includes [redacted] for cost and [redacted] for fee.

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE

PAGE OF PAGES  
1 3

AMENDMENT/MODIFICATION NO  
45

3 EFFECTIVE DATE  
JUN 20 1997

4 REQUISITION/PURCHASE REQ NO

5 PROJECT NO. (If applicable)

ISSUED BY CODE

125

7 ADMINISTERED BY (If other than item 5) CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8 NAME AND ADDRESS OF CONTRACTOR (No. street, county, State, and Zip Code)

Calspan Advanced Technology Center  
Attn: Thomas Beck  
Senior Contracts Manager  
P. O. Box 400  
4455 Genesee Street  
Buffalo, NY 14225

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS1-19385

10B. DATED (SEE ITEM 13)

6-22-91

CODE

FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

DA. 1048. \$289,273 (Complete); DAA. 1932. \$130,000 (Complete)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

X

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS 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 the incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H. H.3, Contract Funding, is hereby replaced by the following to reflect an increase in funding in the amount of \$419,273 of which \_\_\_\_\_ is added to cost and \_\_\_\_\_ is added to fee

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

15A NAME AND TITLE OF SIGNER (Type or print)

15A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Stanley W Ward

15B CONTRACTOR/OFFEROR

15C DATE SIGNED

15B UNITED STATES OF AMERICA

15C DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

15A 7543-01-152-4070

30-105

PREVIOUS EDITION UNUSABLE

STANDARD FORM 30 (Rev 10-83)

Prescribed by GSA  
FAR (48 CFR) 53.243

*Handwritten:* AIDE COPY

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

(a) For purposes of this contract, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is [REDACTED] and covers the following period of performance: June 22, 1991 through October 31, 1997.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

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	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	
	<u>\$12,307,550</u>	<u>\$11,675,275*</u>	

\*Includes [redacted] for cost and [redacted] for fee.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 44	3. EFFECTIVE DATE JUN 22 1997	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/22/91
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

2. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: DA.8009 (No Funding Obligated)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

3. IMPORTANT: Contractor X is not required to sign this document and return \_\_\_\_\_ copies to the issuing office.

4. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to exercise the six 1-month options, option period 9 through 14 pursuant to contract section H.6, options. Accordingly, the following changes are made to the Contract Schedule:

(CONTINUED)

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

5A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Stanley W. Ward
5B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED MAY 21 1997
(Signature of person authorized to sign)	BY (Signature of Contracting Officer)

GSA FPMR (41 CFR) 101-11.6  
REVISIONS UNUSABLE

30-105

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

FILE COPY

A. Section B, B.2, Level-of-Effort, Paragraph A, contained therein is hereby replaced to include [REDACTED] 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 [REDACTED] direct productive labor hours as defined in Paragraph C below.

D. The fixed fee is based upon the furnishing of [REDACTED] direct productive labor hours for the period June 21, 1997 through December 22, 1997. If the Contractor provides less than [REDACTED] 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 [REDACTED] 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 [REDACTED] and the total increase in fixed fee is [REDACTED] 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 [REDACTED], exclusive of the award fee of [REDACTED] and a fixed fee of [REDACTED]. The total of the estimated cost, award fee and fixed 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."



MODIFICATION TABULATION

	<u>Annual Fee</u>	<u>CPAF/FF</u>	<u>Funding</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	289,893
Mod. 36		966,000	0
Mod. 37		0	107,200

Mod. 38	[REDACTED]	0	445,107	[REDACTED]
Mod. 39	[REDACTED]	0	(107,200)	[REDACTED]
Mod. 40	[REDACTED]	0	107,200	[REDACTED]
Mod. 41	[REDACTED]	0	0	[REDACTED]
Mod. 42	[REDACTED]	0	0	[REDACTED]
Mod. 43	[REDACTED]	987,034	1,400,727	[REDACTED]
Mod. 44	[REDACTED]	<u>\$1,051,548</u>	<u>0</u>	[REDACTED]
		<u>\$12,307,550</u>	<u>\$11,256,002*</u>	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

OMB Approval # 3770-0048

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 43	3. EFFECTIVE DATE 12-4-96	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (if applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23881-0001	7. ADMINISTERED BY (if other than item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225		(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE	FACILITY CODE	X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385	10B. DATED (SEE ITEM 18) 6/22/91

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing items 9 and 10, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)

PR: DA.1048; R22090; \$1,400,727 Obligated Partial

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 48.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 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 extend the period of performance by 6 months, to increase the level of effort by [redacted] hours, to add 6 one-month option periods and to increase the incremental funding. Accordingly, the following changes are made to the Contract Schedule:

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in item 6A or 10A, as hereinafter changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) THOMAS W. BECK Senior Contracts Manager	15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SHISLER
15C. DATE SIGNED 3 Dec 96	15D. UNITED STATES OF AMERICA BY [Signature] (Signature of Contracting Officer)
15E. CONTRACTOR/OFFEROR Thomas W. Beck (Signature of person authorized to sign)	15F. DATE SIGNED 12-4-96

NEW 7540-01-168-6070 PREVIOUS EDITION UNUSABLE

30-108

FILE COPY

STANDARD FORM 30 (Rev. 10-82) Prescribed by GSA FAR (48 CFR) 201.243

A. Section E, B.2, Level-of-Effort, Paragraph A, contained therein is hereby replaced to include [REDACTED] additional hours. In addition to the revised Paragraph A, Paragraph D is added as follows:

"A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to [REDACTED] direct productive labor hours as defined in Paragraph C below.

D. The fixed fee is based upon the furnishing of [REDACTED] direct productive labor hours for the period December 22, 1996 through June 22, 1997. If the Contractor provides less than [REDACTED] 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 [REDACTED] 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 [REDACTED] and the total increase in fixed fee is [REDACTED] for a total increase in estimated cost and fixed fee of \$987,034.

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

A. The estimated cost of the contract is [REDACTED] exclusive of the award fee of [REDACTED] and a fixed fee of [REDACTED]. The total of the estimated cost, award fee and fixed fee is \$11,256,002."

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 72 months from the effective date of this contract."

D. 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 [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: June 22, 1991 through June 22, 1997.

(b) An additional amount of [REDACTED] 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>	<u>Ninth Option Period</u>	<u>Tenth Option Period</u>	<u>Eleventh Option Period</u>	<u>Twelfth Option Period</u>	<u>Thirteenth Option Period</u>	<u>Fourteenth Option Period</u>
Period of Performance	1 month	1 month	1 month	1 month	1 month	1 month
Level-of-Effort	[REDACTED] hrs.	[REDACTED] hrs.	[REDACTED] hrs.	[REDACTED] hrs.	[REDACTED] hrs.	[REDACTED] hrs.
Estimated Cost	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Fixed Fee	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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 six-month extension plus 6 one month option periods.

All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Fixed Fee</u>	<u>CPAF/FF</u>	<u>Funding</u>	<u>LOE</u>
Basic	[REDACTED]	[REDACTED]	[REDACTED]	\$3,292,000	\$437,000	[REDACTED]
Mod. 1	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 2	[REDACTED]	[REDACTED]	[REDACTED]	0	63,000	[REDACTED]
Mod. 3	[REDACTED]	[REDACTED]	[REDACTED]	0	500,000	[REDACTED]
Mod. 4	[REDACTED]	[REDACTED]	[REDACTED]	615,600	115,654	[REDACTED]
Mod. 5	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]

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	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	<u>987,034</u>	<u>1,400,727</u>
	\$11,256,002	\$11,256,002

\*Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 3

2. AMENDMENT/MODIFICATION NO

42

3. EFFECTIVE DATE

NOV 12 1996

4. REQUISITION/PURCHASE REQ. NO.

See Block 12.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

Calspan Advanced Technology Center  
Attn: Thomas Beck  
Senior Contracts Manager  
P. O. Box 400  
4455 Genesee Street  
Buffalo, NY 14225

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS1-19385

X

10B. DATED (SEE ITEM 13)

6/22/91

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
Mutual Agreement

D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 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 amend Article H-5. Key Personnel and Facilities, to replace a key person. Accordingly, the following change is made to the Contract Schedule:

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

[Redacted] is deleted and [Redacted] substituted in lieu thereof.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)

THOMAS W. BECK  
SENIOR CONTRACTS MANAGER

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

RICHARD C. SHISLER

15B. CONTRACTOR/OFFEROR

Thomas W. Beck  
(Signature of person authorized to sign)

15C. DATE SIGNED

NOV 12 1996

16B. UNITED STATES OF AMERICA

BY [Signature]  
(Signature of Contracting Officer)

16C. DATE SIGNED

NOV 12 1996

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PERFORMANCE TABULATION

	<u>CPAF/FE</u>	<u>Funding</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	289,893
Mod. 36	966,000	0
Mod. 37	0	107,200
Mod. 38	0	445,107

*Thomas W. / Ser*  
 (Signature of person authorized to sign)

NOV 12 1996

BY

*[Signature]*  
 (Signature of Contracting Officer)

NOV 12 1996

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Mod. 40	[REDACTED]	0	107,200	[REDACTED]
Mod. 41	[REDACTED]	0	0	[REDACTED]
Mod. 42	[REDACTED]	0	0	[REDACTED]
		<u>0</u>	<u>0</u>	
		\$10,268,968	\$9,855,275	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES  
1 3

2. AMENDMENT/MODIFICATION NO. 41  
3. EFFECTIVE DATE OCT 30 1996  
4. REQUISITION/PURCHASE REQ. NO. See Block 12.  
5. PROJECT NO. (If applicable)

6. ISSUED BY CODE  
7. ADMINISTERED BY (If other than Item 6) CODE  
National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Calspan Advanced Technology Center  
Attn: Thomas Beck  
Senior Contracts Manager  
P. O. Box 400  
4455 Genesee Street  
Buffalo, NY 14225  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
9C. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385  
9D. DATED (SEE ITEM 13) 6/22/91

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor  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 extend the "funded through" date pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding (NASA 18-52.232-81) (MAR 1989)

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
15D. (Signature of person authorized to sign)  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
RICHARD C. SHISLER  
16B. UNITED STATES OF AMERICA  
BY  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
OCT 30 1996

FILE COPY

"(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 [REDACTED] and covers the following period of performance: June 22, 1991 through December 2, 1996.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

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
		<u>0</u>	<u>0</u>
		\$10,268,968	\$9,855,275

\*Includes [redacted] for cost and [redacted] for fee.

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE

PAGE OF PAGES

1

3

2. AMENDMENT/MODIFICATION NO.

40

3. EFFECTIVE DATE

OCT 24 1998

4. REQUISITION/PURCHASE REQ. NO.

See Block 12.

5. PROJECT NO. (If applicable)

6. ISSUED BY

CODE

7. ADMINISTERED BY (If other than Item 6)

CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

Calspan Advanced Technology Center  
Attn: Thomas Beck  
Senior Contracts Manager  
P. O. Box 400  
4455 Genesee Street  
Buffalo, NY 14225

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS1-19385

10B. DATED (SEE ITEM 13)

6/22/91

CODE

FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

PR: GI.9838; M3240; \$107,200 Obligated Complete

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

- (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS 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 \_\_\_\_\_ copies to the issuing office.

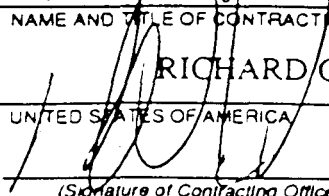
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect an increase in funding in the amount of \$107,200 of which [redacted] is added to cost and [redacted] is added to fee.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		RICHARD C. SHISLER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY 	OCT 24 1998
		(Signature of Contracting Officer)	

**FILE COPY.**

"H3 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 [REDACTED] and covers the following period of performance: June 22, 1991 through November 4, 1996.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

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	0
Mod. 37		0	107,200
Mod. 38		0	445,107
Mod. 39		0	(107,200)
Mod. 40		0	107,200
		<u>0</u>	<u>107,200</u>
		\$10,268,968	\$9,855,275

\*Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 3

2. AMENDMENT/MODIFICATION NO.  
39

3. EFFECTIVE DATE  
AUG 12 1996

4. REQUISITION/PURCHASE REQ. NO.  
See Block 12.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

7. ADMINISTERED BY (If other than item 6) CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

Calspan Advanced Technology Center  
Attn: Thomas Beck  
Senior Contracts Manager  
P. O. Box 400  
4455 Genesee Street  
Buffalo, NY 14225

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS1-19385

10B. DATED (SEE ITEM 13)

6/22/91

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to its closing hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

PR: CI.9481; R20589; (\$107,200) Deobligate (Complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 14A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UOF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to reduce incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect a decrease in funding in the amount of \$107,200 of which [redacted] is decreased from cost and [redacted] is decreased from fee.

(CONTINUED)

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

16A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Thomas Beck  
Sr. Contracts Manager

RICHARD C. SHISLER

16B. CONTRACTOR/OFFEROR

16C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

D.W. Keith Soy Thomas Beck

8/12/96

BY [Signature]

AUG 12 1996

NSN 7540-01-100-0070  
PREVIOUS EDITION UNUSABLE

90-108

STANDARD FORM 30 (Rev. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.203

FILE COPY



"H.S. CONTRACT NUMBER: NASA 18-52.232-81) (MAR 1989)

... exclusive of fee, in accordance with the Limitation of Funds clause... the Government to this contract is [REDACTED] and covers the following period of performance: June 22, 1991 through October 18, 1996

An additional amount of [REDACTED] is obligated under this contract for payment of fee."

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

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	0
Mod. 37		0	107,200
Mod. 38		0	445,107
Mod. 39		0	(107,200)
		<u>0</u>	<u>(107,200)</u>
		\$10,268,968	\$9,748,075

\*Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 3

2. AMENDMENT/MODIFICATION NO. 38

3. EFFECTIVE DATE JUL 25 1996

4. REQUISITION/PURCHASE REQ. NO. See Block 12.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

7. ADMINISTERED BY (If other than Item 6) CODE

National Aeronautics and Space Administration
Langley Research Center
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

Calspan Advanced Technology Center
Attn: Thomas Beck
Senior Contracts Manager
P. O. Box 400
4455 Genesee Street
Buffalo, NY 14225

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS1-19385

X

10B. DATED (SEE ITEM 13)

6/22/91

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

PR: DA.1038; R20805; \$445,107 (Complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
C. THIS SUPPLEMENTAL AGREEMENT IS 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 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 add incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$445,107 of which is added to cost and is added to fee.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

RICHARD C. SHISLER

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY

(Signature of Contracting Officer)

JUL 25 1996

FILE COPY

"H3 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 [REDACTED] and covers the following period of performance: June 22, 1991 through November 4, 1996.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

	<u>CPAF/FF</u>	<u>Funding</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	[REDACTED]	0	0
Mod. 29	[REDACTED]	0	50,000
Mod. 30	[REDACTED]	0	0
Mod. 31	[REDACTED]	0	169,380
Mod. 32	[REDACTED]	0	372,800
Mod. 33	[REDACTED]	0	566,920
Mod. 34	[REDACTED]	0	0
Mod. 35	[REDACTED]	0	289,893
Mod. 36	[REDACTED]	966,000	0
Mod. 37	[REDACTED]	0	107,200
Mod. 38	[REDACTED]	0	445,107
		<u>\$10,268,968</u>	<u>\$9,855,275</u>

\*Includes [REDACTED] for cost and [REDACTED] for fee.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   3
2. AMENDMENT/MODIFICATION NO. 37	3. EFFECTIVE DATE JUL 15 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than item 5)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/22/91
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: GI.9481; R20589; \$107,200 Obligate Complete

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS 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 \_\_\_\_\_ 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 add incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$107,200 of which [REDACTED] is added to cost and [REDACTED] is added to fee.

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SHISLER
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY [Signature] (Signature of Contracting Officer)
	16C. DATE SIGNED JUL 15 1996

FILE COPY

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

(a) For purpose of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is [REDACTED] and covers the following period of performance: June 22, 1991 through June 21, 1996.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

Mod. 28	[REDACTED]	0	0
Mod. 29	[REDACTED]	0	50,000
Mod. 30	[REDACTED]	0	0
Mod. 31	[REDACTED]	0	169,380
Mod. 32	[REDACTED]	0	372,800
Mod. 33	[REDACTED]	0	566,920
Mod. 34	[REDACTED]	0	0
Mod. 35	[REDACTED]	0	289,893
Mod. 36	[REDACTED]	966,000	0
Mod. 37	[REDACTED]	<u>0</u>	<u>107,200</u>
		<u>\$10,268,968</u>	<u>\$9,410,168</u>

\*Includes [REDACTED] for cost and [REDACTED] for fee.



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 36	3. EFFECTIVE DATE <b>JUN 20 1996</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225-0400	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-19385</b>
		10B. DATED (SEE ITEM 13) <b>6/6/91</b>
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to exercise the option periods three through eight pursuant to contract Section H, H.6, Options. Accordingly, the contract is modified as follows:

A. Section B, B.2, Level-of-Effort, Paragraph A contained therein is hereby replaced by the following to include [REDACTED] hours added for option periods three through eight.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
	RICHARD C. SHISLER		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY	<b>JUN 20 1996</b>
		(Signature of Contracting Officer)	

FILE COPY

"A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to [REDACTED] direct productive labor hours as defined in Paragraph C below."

B. 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 [REDACTED] exclusive of the award fee of [REDACTED] and a fixed fee of [REDACTED]. 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."

D. Section H, H.10, Wage Determinations and Fringe Benefits, is revised to reflect the following changes:

<u>Number</u>	<u>Revision</u>	<u>Date</u>
94-2544	6	6/20/95

E. "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 [REDACTED] and covers the following period of performance: June 22, 1991 through July 26, 1996.

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

F. All other terms and conditions remain unchanged.

CONTRACT TABULATION

	<u>CPAF/FE</u>	<u>Funding</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	289,893
Mod. 36	<u>966,000</u>	<u>0</u>
	\$10,268,968	\$9,302,968

\*Includes [redacted] fee.

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE		PAGE OF PAGES	
1		3	
2. AMENDMENT/MODIFICATION NO. 35	3. EFFECTIVE DATE APR 18 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE		

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

9. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225			
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
			10B. DATED (SEE ITEM 13) 6/22/91
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: DA.1038; R20805; \$289,893 Obligated Partial

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copy 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 add incremental funding pursuant to the Contract Funding clause of the contract. Accordingly, the contract is modified as follows:

A. Section H. H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$289,893 of which [redacted] is added to cost and [redacted] is added to fee.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		RICHARD C. SHISLER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY [Signature]	APR 18 1996
		(Signature of Contracting Officer)	

**COPY**

"HLS 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 [REDACTED] and covers the following period of performance: June 22, 1991 through June 21, 1996.

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

B. All other terms and conditions shall remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

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

Mod. 30	[REDACTED]	0	0
Mod. 31	[REDACTED]	0	169,380
Mod. 32	[REDACTED]	0	372,800
Mod. 33	[REDACTED]	0	566,920
Mod. 34	[REDACTED]	0	0
Mod. 35	[REDACTED]	0	289,893
		<u>0</u>	<u>289,893</u>
		\$9,302,968	\$9,302,968

\*Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 34	3. EFFECTIVE DATE 2-12-96	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than item 5)	CODE

9. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Calspan Advanced Technology Center Attn: Thomas Beck Senior Contracts Manager P. O. Box 400 4455 Genesee Street Buffalo, NY 14225	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/22/91
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
	D. OTHER (SPECIFY TYPE OF MODIFICATION AND AUTHORITY)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copy 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 revise the frequency for submittal of the Summary Subcontract Report (Standard Form (SF) 295) from quarterly to semiannually and change the mailing address of Calspan Corporation.

Accordingly, Exhibit A, Paragraph H, is amended to read as follows:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print) THOMAS W. BECK Senior Contracts Manager	15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SHISLER
15C. DATE SIGNED 8 FEB 96	15D. UNITED STATES OF AMERICA BY [Signature]
15E. CONTRACTOR/OFFEROR Thomas W. Beck (Signature of person authorized to sign)	15F. DATE SIGNED 2-12-96

FILE COPY

"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 quarterly 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 3 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

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Fixed Fee</u>	<u>CPAF/FF</u>	<u>Funding</u>	<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	



Mod. 24	[REDACTED]	3,692,000	708,700	[REDACTED]
Mod. 25	[REDACTED]	0	0	[REDACTED]
Mod. 26	[REDACTED]	0	0	[REDACTED]
Mod. 27	[REDACTED]	0	1,516,780	[REDACTED]
Mod. 28	[REDACTED]	0	0	[REDACTED]
Mod. 29	[REDACTED]	0	50,000	[REDACTED]
Mod. 30	[REDACTED]	0	0	[REDACTED]
Mod. 31	[REDACTED]	0	169,380	[REDACTED]
Mod. 32	[REDACTED]	0	372,800	[REDACTED]
Mod. 33	[REDACTED]	0	566,920	[REDACTED]
Mod. 34	[REDACTED]	0	0	[REDACTED]
		<u>\$9,302,968</u>	<u>\$9,013,075*</u>	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

**SUMMARY SUBCONTRACT REPORT**  
(See instructions on reverse)

OMB No.: 9000-0007  
Expires: 03/31/98

Public reporting burden for this collection of information is estimated to average 13 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information, comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: Secretariat (VRS), Office of Federal Acquisition Policy, GSA, Washington, DC 20405.

1. CORPORATION, COMPANY OR SUBDIVISION COVERED			3. DATE SUBMITTED		
2. COMPANY NAME			4. REPORTING PERIOD:		
5. STREET ADDRESS			<input type="checkbox"/> OCT 1 - MAR 31 <input type="checkbox"/> OCT 1 - SEPT 30    YEAR		
6. CITY		d. STATE	e. ZIP CODE		5. TYPE OF REPORT
2. CONTRACTOR'S ESTABLISHMENT CODE			<input type="checkbox"/> REGULAR <input type="checkbox"/> FINAL <input type="checkbox"/> REVISED		

3. ADMINISTERING ACTIVITY (Please check applicable box)

<input type="checkbox"/> ARMY	<input type="checkbox"/> DEFENSE LOGISTICS AGENCY	<input type="checkbox"/> DOE
<input type="checkbox"/> NAVY	<input type="checkbox"/> NASA	<input type="checkbox"/> OTHER FEDERAL AGENCY (Specify)
<input type="checkbox"/> AIR FORCE	<input type="checkbox"/> GSA	

7. REPORT SUBMITTED AS (Check one)		8. TYPE OF PLAN	
<input type="checkbox"/> PRIME CONTRACTOR	<input type="checkbox"/> BOTH	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> COMMERCIAL PRODUCTS
<input type="checkbox"/> SUBCONTRACTOR		IF PLAN IS A COMMERCIAL PRODUCT PLAN, SPECIFY THE PERCENTAGE OF THE DOLLARS ON THIS REPORT ATTRIBUTABLE TO THIS AGENCY.	

9. CONTRACTOR'S MAJOR PRODUCTS OR SERVICE LINES

a		c
b		d

**CUMULATIVE FISCAL YEAR SUBCONTRACT AWARDS**  
(Report cumulative figures for reporting period in Block 4)

TYPE	WHOLE DOLLARS	PERCENT (To nearest of a %)
10a. SMALL BUSINESS CONCERNS (Include SDB, WOSB, HBCU/MI) (Dollar Amount and Percent of 10c.)		
10b. LARGE BUSINESS CONCERNS (Dollar Amount and Percent of 10c.)		
10c. TOTAL (Sum of 10a and 10b.)		100.00
11. SMALL DISADVANTAGED (SDB) CONCERNS (Dollar Amount and Percent of 10c.)		
12. WOMEN-OWNED SMALL BUSINESS (WOSB) CONCERNS (Dollar Amount and Percent of 10c.)		
13. HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY INSTITUTIONS (MI) (If applicable) (Dollar Amount and Percent of 10c.)		

14. REMARKS

15. CONTRACTOR'S OFFICIAL WHO ADMINISTERS SUBCONTRACTING PROGRAM

a. NAME	b. TITLE	c. TELEPHONE NUMBER	
		AREA CODE	NUMBER

16. CHIEF EXECUTIVE OFFICER

a. NAME	e. SIGNATURE
b. TITLE	d. DATE

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 33  
3. EFFECTIVE DATE JAN 24 1996  
4. REQUISITION/PURCHASE REQ. NO. See Block 12.  
5. PROJECT NO. (If applicable)

6. ISSUED BY CODE  
7. ADMINISTERED BY (If other than item 6) CODE  
National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma, TN 37388  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
9A. MODIFICATION OF CONTRACT/ORDER NO.  
NAS1-19385  
10B. DATED (SEE ITEM 13)  
6/22/91

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

PR: DAI.1088; R19837; 505-59-85-01-00; \$566,920 Obligated (Complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
C. THIS SUPPLEMENTAL AGREEMENT IS 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 \_\_\_\_\_ 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 add incremental funding pursuant to the Contract Funding Clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$566,920 of which [redacted] is added to cost and [redacted] is added to fee.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
RICHARD C. SHISLER  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
16B. UNITED STATES OF AMERICA  
16C. DATE SIGNED  
JAN 24 1996  
(Signature of person authorized to sign) BY (Signature of Contracting Officer)

"H. CONTRACT NUMBER: NASA 18-52.232-81) (MAR 1989)

(c) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds that is the total amount allotted by the Government to this contract is [REDACTED] and covers the following period of performance: June 22, 1991 through May 10, 1996.

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

B. All other contract provisions remain unchanged.

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CONTRACT TABULATION

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

Mod. 32  
Mod. 33



	0	372.800
	<u>0</u>	<u>566.920</u>
	\$9,302,968	\$9,013,075*



\*Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF 1
2. AMENDMENT/MODIFICATION NO. 32	3. EFFECTIVE DATE DEC 1 1995	4. REQUISITION/PURPOSE REQ. NO. See Block 12.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388		(f) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE		FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 X 10B. DATED (SEE ITEM 13) 6/22/91

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the amendment submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram, letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
P/R DAI.1088; R19837; 505-59-85-01-00; \$372,800 Obligated (Partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 add incremental funding pursuant to the Contract Funding Clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$372,800 of which [redacted] is added to cost and [redacted] is added to fee.

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SPISLER
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 12-1-95

"H.3 [REDACTED] (1981-81) (MAR 1989)

[REDACTED] amount of cost, exclusive of fee, in accordance with the [REDACTED] for the total amount allotted by the Government to this contract [REDACTED] and during the following period of performance: June 22, 1981 through January 31, 1982.

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

\*Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT NO. CODE	PAGE OF 1
2. AMENDMENT/MODIFICATION NO. 31	3. EFFECTIVE DATE OCT 26 1995	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (If app.)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388			9A. AMENDMENT OF SOLICITATION (f)	
			9B. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CONTRACT NO. NAS1-19385	
			10B. DATED (SEE ITEM 13) 6/22/91	
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is tendered.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the amendment submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY BE CONSIDERED AS REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by separate letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
P/R DAI.1088; R19837; 505-59-85-01-00; \$169,380 Obligated (Partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in payment, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(d).
	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 \_\_\_\_\_ 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 add incremental funding pursuant to the Contract Funding Clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$169,380 of which [REDACTED] is added to cost and [REDACTED] is added to fee.

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SHISLER	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY [Signature] (Signature of Contracting Officer)	16C. DATE 10-21



"H.3 (N.A.S.I. CONTRACT NUMBER NAS1-19385-31) (MAR 1989)

(a) The Government shall pay the cost, exclusive of fee, in accordance with the Limited and Fixed Fee contract, the total amount allotted by the Government to this contract: [REDACTED] and during the following period of performance: June 22, 1991 through November 30, 1994.

(b) An additional amount of [REDACTED] 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>	<u>CPAF/FF</u>	<u>Funding</u>	<u>LCE</u>
Basic	[REDACTED]	[REDACTED]	[REDACTED]	\$3,292,000	\$ 437,000	[REDACTED]
Mod. 1	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 2	[REDACTED]	[REDACTED]	[REDACTED]	0	63,000	[REDACTED]
Mod. 3	[REDACTED]	[REDACTED]	[REDACTED]	0	500,000	[REDACTED]
Mod. 4	[REDACTED]	[REDACTED]	[REDACTED]	615,600	115,654	[REDACTED]
Mod. 5	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 6	[REDACTED]	[REDACTED]	[REDACTED]	0	400,000	[REDACTED]
Mod. 7	[REDACTED]	[REDACTED]	[REDACTED]	0	1,042,000	[REDACTED]
Mod. 8	[REDACTED]	[REDACTED]	[REDACTED]	0	(110,931)	[REDACTED]
Mod. 9	[REDACTED]	[REDACTED]	[REDACTED]	0	52,000	[REDACTED]
Mod. 10	[REDACTED]	[REDACTED]	[REDACTED]	0	32,397	[REDACTED]
Mod. 11	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 12	[REDACTED]	[REDACTED]	[REDACTED]	0	47,000	[REDACTED]
Mod. 13	[REDACTED]	[REDACTED]	[REDACTED]	0	1,125,312	[REDACTED]
Mod. 14	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 15	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 16	[REDACTED]	[REDACTED]	[REDACTED]	0	16,574	[REDACTED]
Mod. 17	[REDACTED]	[REDACTED]	[REDACTED]	110,424	75,000	[REDACTED]
Mod. 18	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 19	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 20	[REDACTED]	[REDACTED]	[REDACTED]	1,633,000	772,994	[REDACTED]
Mod. 21	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 22	[REDACTED]	[REDACTED]	[REDACTED]	0	1,060,495	[REDACTED]
Mod. 23	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 24	[REDACTED]	[REDACTED]	[REDACTED]	3,692,000	708,700	[REDACTED]
Mod. 25	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 26	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 27	[REDACTED]	[REDACTED]	[REDACTED]	0	1,516,780	[REDACTED]
Mod. 28	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 29	[REDACTED]	[REDACTED]	[REDACTED]	0	50,000	[REDACTED]
Mod. 30	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 31	[REDACTED]	[REDACTED]	[REDACTED]	0	169,380	[REDACTED]
				<u>\$9,302,968</u>	<u>\$8,073,355*</u>	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

2. AMENDMENT/MODIFICATION NO. 30 3. EFFECTIVE DATE NOV 7 1995 4. REQUISITION/PURCHASE REQ. NO. N/A 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT NO. X NAS1-19385 10B. DATED (SEE ITEM 13) 6/22/91

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY BE REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by teletype, provided each teletype or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in pay, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(D).  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement  D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 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 delete Clause 18-52.204-70, Report on NASA Subcontracts. Accordingly, Section I - Contract Clauses, subparagraph entitled "NASA FAR Supplement (48 CFR Chapter 18) Clauses," is amended by deleting Clause 18-52.204-70, Report on NASA Subcontracts (DEC 1988).

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print) THOMAS W. BECK Senior Contracts Manager 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SHISLER 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 26 Oct 95 16B. UNITED STATES OF AMERICA BY 16C. DATE 11-7 (Signature of person authorized to sign) (Signature of Contracting Officer)

CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>Fixed Fee</u>	<u>CPAF/FF</u>	<u>Funding</u>	<u>LINE</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	
				<u>\$9,302,968</u>	<u>\$7,903,975*</u>	

\*Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF 2

1

2. AMENDMENT/MODIFICATION NO. 29	3. EFFECTIVE DATE SEP 13 1995	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	(y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT, OR NO.
	X	10B. DATED (SEE ITEM 13) 6/22/91
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram, letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 P/R DAI.1075; R19837; 505-59-85-01-00; \$50,000 Obligated (Complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(D).
	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 \_\_\_\_\_ 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 add incremental funding pursuant to the Contract Funding Clause of the contract. Accordingly, the contract is modified as follows:

A. Section H, H.3, Contract Funding, is hereby replaced by the following to reflect additional funding in the amount of \$50,000 of which [redacted] is added to cost and [redacted] is added to fee.

(CONTINUED ON ATTACHED PAGE)

Except as provided herein, all terms and conditions of the document referenced in item 3A or 10A, heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD C. SHAWVER
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 9-13-95

"H.3 CONTRACT NUMBER (NSA A 194-100-31) (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 [REDACTED] and covers the following period of performance: June 22, 1981 through October 31, 1985.

(b) An additional amount of [REDACTED] 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>	<u>CPAF/FF</u>	<u>Funding</u>	<u>LOE</u>
Basic	[REDACTED]	[REDACTED]	[REDACTED]	\$3,292,000	\$ 437,000	[REDACTED]
Mod. 1	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 2	[REDACTED]	[REDACTED]	[REDACTED]	0	63,000	[REDACTED]
Mod. 3	[REDACTED]	[REDACTED]	[REDACTED]	0	500,000	[REDACTED]
Mod. 4	[REDACTED]	[REDACTED]	[REDACTED]	615,600	115,654	[REDACTED]
Mod. 5	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 6	[REDACTED]	[REDACTED]	[REDACTED]	0	400,000	[REDACTED]
Mod. 7	[REDACTED]	[REDACTED]	[REDACTED]	0	1,042,000	[REDACTED]
Mod. 8	[REDACTED]	[REDACTED]	[REDACTED]	0	(110,931)	[REDACTED]
Mod. 9	[REDACTED]	[REDACTED]	[REDACTED]	0	52,000	[REDACTED]
Mod. 10	[REDACTED]	[REDACTED]	[REDACTED]	0	32,397	[REDACTED]
Mod. 11	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 12	[REDACTED]	[REDACTED]	[REDACTED]	0	47,000	[REDACTED]
Mod. 13	[REDACTED]	[REDACTED]	[REDACTED]	0	1,125,312	[REDACTED]
Mod. 14	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 15	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 16	[REDACTED]	[REDACTED]	[REDACTED]	0	16,574	[REDACTED]
Mod. 17	[REDACTED]	[REDACTED]	[REDACTED]	110,424	75,000	[REDACTED]
Mod. 18	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 19	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 20	[REDACTED]	[REDACTED]	[REDACTED]	1,633,000	772,994	[REDACTED]
Mod. 21	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 22	[REDACTED]	[REDACTED]	[REDACTED]	0	1,060,495	[REDACTED]
Mod. 23	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 24	[REDACTED]	[REDACTED]	[REDACTED]	3,692,000	708,700	[REDACTED]
Mod. 25	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 26	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 27	[REDACTED]	[REDACTED]	[REDACTED]	0	1,516,780	[REDACTED]
Mod. 28	[REDACTED]	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 29	[REDACTED]	[REDACTED]	[REDACTED]	0	50,000	[REDACTED]
				<u>\$9,302,968.</u>	<u>\$7,903,975*</u>	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE 1

2. AMENDMENT/MODIFICATION NO. 28  
 3. EFFECTIVE DATE MAR 20 1995  
 4. REQUISITION/PURCHASE REQ. NO. N/A  
 5. PROJECT NO. (If 30)  
 6. ISSUED BY National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23681-0001  
 7. ADMINISTERED BY (If other than Item 6)  
 CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Calspan Corporation  
 Service Contracts Division  
 110 Mitchell Boulevard  
 Tullahoma, TN 37388  
 9A. AMENDMENT OF SOLICITATION  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT NO. NAS1-19385  
 10B. DATED (SEE ITEM 13) 6/22/91  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is unchanged.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 9 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the amendment submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by teletype letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(V) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in payment, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 X Mutual Agreement  
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 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 change the fee structure from award fee to fixed fee following the end of the seventh award fee period. Accordingly, the following changes are made to the Contract Schedule:

A. Section B, B.3, Estimated Cost, Award Fee and Fixed Fee, is hereby deleted in its entirety and the following is substituted therefor:

**FILE COPY**

(CONTINUED ON ATTACHED PAGES)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 Stephen T. Cope  
 Director of Contracts and Self-Governance  
 CONTRACTOR/OFFEROR  
 15C. DATE SIGNED 10 Mar 95  
 15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 PANICE H. CLARK  
 16A. UNITED STATES OF AMERICA  
 BY Panice H. Clark  
 (Signature of Contracting Officer)  
 16C. DATE 3-20-95

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

A. The estimated cost of the contract is [REDACTED], exclusive of the award fee of [REDACTED] and fixed fee of [REDACTED]. 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>	<u>Earned Award Fee</u>
June 22, 1991 - December 21, 1991	\$ 56,000
December 22, 1991 - June 21, 1992	58,500
June 22, 1992 - December 21, 1992	58,600
December 22, 1992 - June 21, 1993	54,900
June 22, 1993 - December 21, 1993	50,000
December 22, 1993 - June 21, 1994	49,600
June 22, 1994 - December 21, 1994	55,973
	<u>\$383,573"</u>

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

C. Section H, H.6, 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:

	<u>Rate Per Hour</u>	
	<u>Cost</u>	<u>Fee</u>
Initial Contract Period	[REDACTED]	[REDACTED]
First Option Period	[REDACTED]	[REDACTED]
Second Option Period	[REDACTED]	[REDACTED]

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

<u>Delete</u>	<u>Add</u>
Fee	Award Fee/Fixed Fee
Total Cost and Fee	Total Cost and Award Fee/Fixed Fee

\*\*\*\*\*

CONTRACT TABULATION

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



Mod. 19	[REDACTED]	0	0	[REDACTED]
Mod. 20	[REDACTED]	1,633,000	772,994	[REDACTED]
Mod. 21	[REDACTED]	0	0	[REDACTED]
Mod. 22	[REDACTED]	0	1,060,495	[REDACTED]
Mod. 23	[REDACTED]	0	0	[REDACTED]
Mod. 24	[REDACTED]	3,692,000	708,700	[REDACTED]
Mod. 25	[REDACTED]	0	0	[REDACTED]
Mod. 26	[REDACTED]	0	0	[REDACTED]
Mod. 27	[REDACTED]	0	1,516,780	[REDACTED]
Mod. 28	[REDACTED]	<u>40,056</u>	<u>0</u>	[REDACTED]
		\$9,302,968	\$7,853,975*	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

2. AMENDMENT/MODIFICATION NO. 27 3. EFFECTIVE DATE OCT 28 1994 4. REQUISITION/PURCHASE REQ. NO. See Block 12 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 7. ADMINISTERED BY (If other than item 6) CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 10B. DATED (SEE ITEM 13) 6/22/91

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR: DAC.3535; JO: R19837; RTR: 505-598-501-00; \$1,516,780 (complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.

(✓) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER SET FORTH IN ITEM 10A.  B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriate date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 add incremental funding pursuant to the Contract Funding Clause of the contract. Accordingly, the contract is modified as follows:

FILE COPY

(Continued on Attached Page)

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

15A. NAME AND TITLE OF SIGNER (Type or Print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY Panice H. Clark (Signature of Contracting Officer) 16C. DATE SIGNED 10/28/94

"H.3 Contract Funding (NASA 19-52,282-81) (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 [REDACTED] and covers the following period of performance: June 22, 1991 through October 31, 1995.

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

All other contract provisions remain unchanged.

\*\*\*\*\*  
CONTRACT TABULATION

	<u>CPAF</u>	<u>Funding</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	1,516,780
	<u>\$9,343,024</u>	<u>\$7,853,975</u>

\* Includes [REDACTED] for cost and [REDACTED] for fee.

2. AMENDMENT/MODIFICATION NO. 26 3. EFFECTIVE DATE OCT 20 1994 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE National Aeronautics and Space Administration Langley Research Center Hampton, V.A. 23681-0001 7. ADMINISTERED BY (If other than item 6) CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Service Contracts Division 110 Mitchell Blvd. Tullahoma, TN 37388 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 10B. DATED (SEE ITEM 13) 6/5/91

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS. The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 3 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required) N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.

(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, (X) is required to sign this document and return 1 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 amend Article H-5. Key Personnel and Facilities, to replace a key person. Accordingly, the following change is made to the Contract Schedule:

FILE COPY

(CONTINUED ON ATTACHED PAGE)

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 and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cope Director of Contracts and Self-Governance 15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) MARY JANE YEAGER 15C. DATE SIGNED 10/14/94 15D. UNITED STATES OF AMERICA BY Signature of Contracting Officer 15E. DATE SIGNED 10/20/94 Signature of Person Authorized to Sign

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

is deleted and \_\_\_\_\_ substituted in lieu thereof.

\*\*\*\*\*  
CONTRACT TABULATION

	<u>CPAF/FF</u>	<u>Funding</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
	<u>\$9,343,024</u>	<u>\$6,337,195*</u>

\* 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 CONTRACT**

2. AMENDMENT/MODIFICATION NO. **24** 3. EFFECTIVE DATE **JUN 20 1994** 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001 7. ADMINISTERED BY (If other than item 6) CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) **Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma, TN 37388** 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. **NASI-19385** 10B. DATED (SEE ITEM 13) **6/6/91**

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
**PR 3530.3303; JO R18387, RTR 505-59-85-01-00; Obligate \$708,700 (Complete)**

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.  
 A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.  
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 purposes of this modification are to exercise the second option period pursuant to contract article H.6., Options, and to add incremental funding pursuant to the Section I clause entitled "Limitation of Funds". Accordingly, the contract is modified as follows:

(Continued on Attached Pages)

**FILE COPY**

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

15A. NAME AND TITLE OF SIGNER (Type or Print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 15D. UNITED STATES OF AMERICA 15E. BY **Rosemary C. Froehlich** 15F. SIGNATURE OF CONTRACTING OFFICER 15G. DATE SIGNED **16-20-94**

1. Article B-2., Level-of-Effort, paragraph A. contained therein is hereby replaced by the following to include [REDACTED] 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 [REDACTED] 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 second option period. The total increase in cost is [REDACTED] and the total increase in award fee is [REDACTED].

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

A. The estimated cost of the contract is [REDACTED] exclusive of the award fee of [REDACTED]. The total of the estimated cost and award fee is \$9,343,024. The total fixed fee is [REDACTED]. A base fee shall not be paid under the contract.

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

<u>Period</u>	<u>Available Award Fee</u>
June 22, 1991 - December 21, 1991	[REDACTED]
December 22, 1991 - June 21, 1992	[REDACTED]
June 22, 1992 - December 21, 1992	[REDACTED]
December 22, 1992 - June 21, 1993	[REDACTED]
June 22, 1993 - December 21, 1993	[REDACTED]
December 21, 1993 - June 21, 1994	[REDACTED]
June 22, 1994 - December 21, 1994	[REDACTED]
December 22, 1994 - June 21, 1995	[REDACTED]
June 22, 1995 - December 21, 1995	[REDACTED]
December 22, 1995 - June 21, 1996	[REDACTED]

\*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 13-53 212-74) (DEC 1938)

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



4. Exhibit F, Subcontracting Plan. The contract subcontracting goals shall be increased by \$87,955 for small business and \$12,565 for small disadvantaged business.

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

<u>Number</u>	<u>Revision</u>	<u>Date</u>
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 [REDACTED] is added to cost and [REDACTED] is added to fee:

"H.1<sup>3</sup> 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 [REDACTED], and covers the following period of performance: November 1, 1991 through October 31, 1994.

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

All other contract provisions remain unchanged.

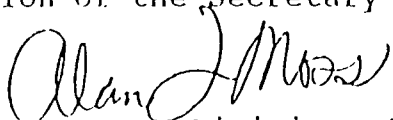
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CONTRACT TABULATION

	<u>CPAF</u>	<u>Funding</u>	<u>COE</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	<u>3,692,000</u>	<u>708,700</u>	
	\$9,343,024	\$6,337,195*	

\* Includes [redacted] for cost and [redacted] for fee.

EMPLOYMENT STANDARDS ADMINISTRATION  
WAGE AND HOUR DIVISION  
WASHINGTON, D.C. 20210

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



Alan L. Moss Director  
Division of Wage Determinations

LOCALITY	State: North Carolina, Virginia			
	Area: 5/			
Wage Determination No.: 87-0211 (Rev. 14) Date: 10/28/1991				
Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments		
		Health & Welfare	Vacation	Holiday

AUTOMATIC DATA PROCESSING OCCUPATIONS


- |                                     |          |
|-------------------------------------|----------|
| 1. Computer Data Librarian          | \$ 8.26  |
| 2. Computer Operator I              | \$ 8.26  |
| 3. Computer Operator II             | \$ 9.58  |
| 4. Computer Operator III            | \$ 11.83 |
| 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 |
| 9. Computer Programmer III 1/       | \$ 16.20 |
| 10. Computer Programmer IV 1/       | \$ 19.39 |
| 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   | \$ 14.56 |
| 2. Exhibits Specialist I   | \$ 13.06 |
| 3. Exhibits Specialist II  | \$ 15.87 |
| 4. Exhibits Specialist III | \$ 17.63 |
| 5. Illustrator I           | \$ 13.06 |

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

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



Alan L. Moss Director  
 Division of Wage Determinations

LOCALITY	State: North Carolina, Virginia			
	Area: 5/			
Wage Determination No.: 87-0211 (Rev. 14) Date: 10/28/1993				
Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments		
		Health & Welfare	Vacation	Holiday

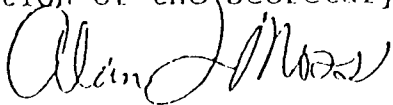
6. Illustrator II	\$ 15.87
7. Illustrator III	\$ 17.63
8. Library Technician	\$ 11.02
9. Photographer I	\$ 10.40
10. Photographer II	\$ 13.06
11. Photographer III	\$ 15.87
12. Photographer IV	\$ 17.63
13. Photographer V	\$ 21.32

TECHNICAL OCCUPATIONS

1. Archeological Technician	\$ 15.87
2. Cartographic Technician	\$ 15.87
3. Civil Engineering Technician	\$ 15.87
4. Drafter I	\$ 9.24
5. Drafter II	\$ 10.40
6. Drafter III	\$ 13.06
7. Drafter IV	\$ 15.87
8. Embalmer	\$ 17.63
9. Engineering Technician I	\$ 10.36
10. Engineering Technician II	\$ 11.63
11. Engineering Technician III	\$ 13.02
12. Engineering Technician IV	\$ 16.12
13. Engineering Technician V	\$ 19.72

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

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



Alan L. Moss Director  
 Division of Wage Determinations

LOCALITY	State: North Carolina, Virginia
	Area: 5/

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

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

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

MISCELLANEOUS OCCUPATIONS

1. Instructor	\$ 17.63				
---------------	----------	--	--	--	--

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

2/ 3/ 4/

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  
 EMPLOYMENT STANDARDS ADMINISTRATION  
 WAGE AND HOUR DIVISION  
 WASHINGTON, D.C. 20210

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



Alan L. Moss Director  
 Division of Wage Determinations

LOCALITY

State: North Carolina, Virginia

Area: 5/

Wage Determination No.: 87-0211 (Rev. 14) Date: 10/28/1991

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

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 another day off with pay in accordance with a plan communicated to the employees involved.)

5/ 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 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 agency's 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:

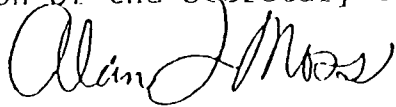
The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors 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 rate 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. 20210

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



Alan L. Moss Division of  
 Director Wage Determinations

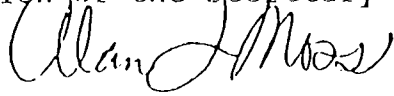
LOCALITY	State: North Carolina, Virginia			
	Area: 4/			
Wage Determination No.: 87-0215 (Rev. 15) Date: 10/28/1993				
Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments		
		Health & Welfare	Vacation	Holiday

ADMINISTRATIVE SUPPORT AND CLERICAL OCCUPATIONS

1. Accounting Clerk I	\$ 6.75
2. Accounting Clerk II	\$ 8.52
3. Accounting Clerk III	\$ 9.95
4. Accounting Clerk IV	\$ 10.75
5. Court Reporter	\$ 9.81
6. Dispatcher, Motor Vehicle	\$ 8.03
7. Document Preparation Clerk	\$ 8.08
8. Duplicating Machine Operator	\$ 8.08
9. File Clerk I	\$ 6.69
10. File Clerk II	\$ 7.01
11. File Clerk III	\$ 8.54
12. Film/Tape Librarian	\$ 8.46
13. Housing Referral Assistant	\$ 10.42
14. Key Entry Operator I	\$ 7.32
15. Key Entry Operator II	\$ 9.24
16. 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
22. Production Control Clerk	\$ 10.42

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

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



Alan L. Moss                      Division of  
 Director                          Wage Determinations

LOCALITY	State: North Carolina, Virginia
	Area: 4/

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

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		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	\$ 11.96
30. Service Order Dispatcher	\$ 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

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

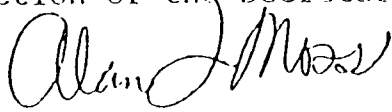
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U.S. DEPARTMENT OF LABOR  
 EMPLOYMENT STANDARDS ADMINISTRATION  
 WAGE AND HOUR DIVISION  
 WASHINGTON, D.C. 20210

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



Alan L. Moss                      Division of  
 Director                              Wage Determinations

LOCALITY	State: North Carolina, Virginia
	Area: 4/

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

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

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 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 agency's 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:

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 rate 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.

2. AMENDMENT/MODIFICATION NO. 23  
 3. EFFECTIVE DATE DEC 14 1993  
 4. REQUISITION/PURCHASE REQ. NO.  
 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE  
 National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23681-0001  
 7. ADMINISTERED BY (If other than item 6) CODE  
**EXECUTED BY BOTH PARTIES**

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Calspan Corporation  
 Services Contracts Division  
 110 Mitchell Boulevard  
 Tullahoma, TN 37383  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385  
 10B. DATED (SEE ITEM 13) 6/6/91  
 CCODE FACILITY CODE

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 for receipt of offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 3 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 Mutual Agreement

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
 The purpose of this modification is to provide additional instructions to Exhibit A, Contract Documentation Requirements, Paragraph H, Subcontracting Reports. Accordingly, the subject contract is modified as follows:  
 (Continued on Attached Page)

**FILE COPY**

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

15A. NAME AND TITLE OF SIGNER (Type or Print)  
 Stephen T. Cope  
 Director of Contracts and Self-Governance  
 15B. CONTRACT NUMBER  
 15C. DATE SIGNED  
 9 DEC 93  
 15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print)  
 Mary Jane Yeager  
 15B. UNITED STATES OF AMERICA  
 15C. DATE SIGNED  
 12-14-93

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.

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CONTRACT TABULATION

	<u>CPAF</u>	<u>Funding</u>	<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	
	<u>\$5,651,024</u>	<u>\$5,628,495*</u>	

\* Includes [redacted] for cost and [redacted] for fee.

CONFIDENTIAL



AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

CONTRACT NUMBER

PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO 22		1. EFFECTIVE DATE NOV 10 1993		4. REQUISITION/PURCHASE REQ NO		5. PROJECT NO (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				7. ADMINISTERED BY (If other than item 6) CODE			
3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO 9B. DATED (SEE ITEM 10) <input checked="" type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 10B. DATED (SEE ITEM 10) 6/6/91			
CODE		FACILITY CODE					

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 3 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)

PR 3530.3302; JO R18387; RTR 50559850100; \$1,060,495 (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 PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 add incremental funding pursuant to the Section 1 clause entitled "Limitation of Funds". Accordingly, the contract is modified as follows:

(Continued on Attached Page)

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

15A. NAME AND TITLE OF SIGNER (Type or Print)		15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary June Yeager	
15B. CONTRACTOR/OFFEROR  Signature of person authorized to sign		15C. DATE SIGNED	15D. UNITED STATES OF AMERICA BY <i>Mary June Yeager</i> Sign for Contracting Officer
			15E. DATE SIGNED 11-10-93

I. Article H-1., Contract Funding, is hereby replaced by the following to reflect a funding increase of \$1,060,495 of which [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: November 1, 1991 through June 21, 1994.

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

All other contract provisions remain unchanged.

\*\*\*\*\*  
 CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

17 RACT ID CODE PAGE 1 OF 1 PAGE 2

2. AMENDMENT/MODIFICATION NO. 21	3. EFFECTIVE DATE JUN 18 1993	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard. Tullahoma, TN 37388	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/6/91
CODE	FACILITY CODE	

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
✓	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 correct administrative errors reflected in Modification 20. Accordingly, the contract is modified as follows:

(Continued on Attached Pages)

**FILE COPY**

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 and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print)	15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager	15B. UNITED STATES OF AMERICA	15C. DATE SIGNED 6-18-91
<i>(Signature of person authorized to sign)</i>			<i>(Signature of Contracting Officer)</i>		

I. In contract 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".

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CONTRACT TABULATION

	<u>CPAF</u>	<u>Funding</u>	<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	
	<u>\$5,651,024</u>	<u>\$4,568,000*</u>	

\* Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION... MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 20	3. EFFECTIVE DATE JUN 9 1993	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than item 6)	

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/6/91

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
PR 3530.2301; JO R14310; RTR 505-59-85-01; Obligate \$772.994 (Complete)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 purposes of this modification are to exercise the first option period pursuant to contract article H.6., Options, and to add incremental funding pursuant to the Section I clause entitled "Limitation of Funds". Accordingly, the contract is modified as follows:

FILE COPY

(Continued on Attached Pages)

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 and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print)	15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager
15B. CONTRACTOR/OFFEROR	15B. UNITED STATES OF AMERICA
15C. DATE SIGNED	15C. DATE SIGNED 6-9-93
Signature of person authorized to sign	Signature of Contracting Officer

1. Article B-2., Level-of-Effort, paragraph A. contained therein is hereby replaced by the following to include [REDACTED] 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 [REDACTED] 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 [REDACTED] and the total increase in fixed award fee is [REDACTED].

"Article B-3 Estimated Cost and Fixed Fee

A. The estimated cost of the contract is [REDACTED], exclusive of the award fee of [REDACTED]. The total of the estimated cost and award fee is [REDACTED]. The total fixed fee is [REDACTED]. A base fee shall not be paid under the contract.

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

<u>Period</u>	<u>Available Award Fee</u>
June 22, 1991 - December 21, 1991	[REDACTED]
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., 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 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.

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

<u>Number</u>	<u>Revision</u>	<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 [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: November 1, 1991 through October 31, 1993.

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

All other contract provisions remain unchanged.

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CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.

1. AMENDMENT/MODIFICATION NO. 19	2. EFFECTIVE DATE JUN 4 1993	4. REQUISITION/PURCHASE REQ. NO.	3. PROJECT NO. (If applicable)
5. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than item 5) CODE	

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT ORDER NO. NAS1-19385
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/6/91

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 for receipt of offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
PR 5673.0483; JO C293309; RTR 2933-3020-000; Obligate \$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 PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
(✓)	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 update a contract clause and complete accounting data. Accordingly, the subject contract is modified as follows:  
  
(Continued on Attached Page)

*File copy*

15A. NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cope Director of Contracts and Self-Governance		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager	
15B. SIGNATURE OF CONTRACTING OFFICER <i>Mary Jane Yeager</i>	15C. DATE SIGNED 5/31/93	15B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i>	15C. DATE SIGNED 6-9-93



---

NOTE: 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 TECHNICIAN

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.

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 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 agency's 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:

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 rate 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.

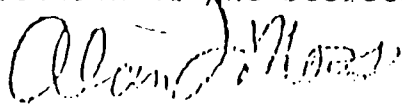
2/ VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 10 years of service. Length of service includes the whole span of continuous service with the present (successor) contractor, wherever employed, and with the predecessor contractors in the performance 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 named 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. DEPARTMENT OF LABOR  
 EMPLOYMENT STANDARDS ADMINISTRATION  
 WAGE AND HOUR DIVISION  
 WASHINGTON, D.C. 20210

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



Alan L. Moss                      Division of  
 Director                              Wage Determinations

LOCALITY	State: Virginia
	Area: VA COUNTIES: HAMPTON

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

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

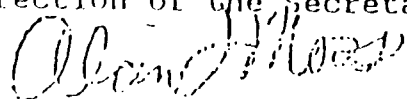
45. Drafter II	\$ 8.74
46. Drafter III	\$ 10.65
47. Drafter IV	\$ 13.36
48. Drafter V	\$ 16.25
49. Illustrator I	\$ 7.09
50. Illustrator II	\$ 8.84
51. Illustrator III	\$ 10.77
52. Technician I	\$ 8.21
53. Technician II	\$ 10.16
54. Technician III	\$ 12.24
55. Photo Lab Technician	\$ 8.06
56. Emergency Medical Technician 4/	\$ 10.00
57. Registered Industrial Nurse 4/	\$ 13.39

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

1/                      2/                      3/

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

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



Alan L. Moss                      Division of  
 Director                              Wage Determinations

LOCALITY	State: Virginia
	Area: VA COUNTIES: HAMPTON

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

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

21. Switchboard Operator	\$ 6.34
22. Switchboard Operator- Receptionist	\$ 6.65
23. Typist I	\$ 6.41
24. Typist II	\$ 7.67
25. Word Processor I	\$ 6.43
26. Word Processor II	\$ 7.97
27. Computer Data Librarian	\$ 7.47
28. Computer Operator I	\$ 7.73
29. Computer Operator II	\$ 9.06
30. Computer Operator III	\$ 10.84
31. Computer Operator IV	\$ 12.46
32. 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
36. 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. Aircraft Mechanic	\$ 13.09
42. Aircraft Sheetmetal Mechanic	\$ 13.09
43. Aircraft Worker	\$ 11.96
44. Drafter I	\$ 7.01

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

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

*Alan L. Moss*

Alan L. Moss Director Division of Wage Determinations

LOCALITY	State: Virginia			
	Area: VA COUNTIES: HAMPTON			
Wage Determination No.: 78-1030 (Rev. 23) Date: 08/08/1992				
Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments		
		Health & Welfare	Vacation	Holiday

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
6. File Clerk II	\$ 5.73
7. File Clerk III	\$ 6.99
8. Inventory Clerk	\$ 5.39
9. Messenger	\$ 5.62
10. Order Clerk I	\$ 6.36
11. Order Clerk II	\$ 8.34
12. 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
18. Secretary V	\$ 10.58
19. Stenographer I	\$ 7.63
20. Stenographer II	\$ 8.56

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).

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<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	
			<u>\$4,018,024</u>	<u>\$3,795,006*</u>	

\* Includes [redacted] for cost and [redacted] for fee.

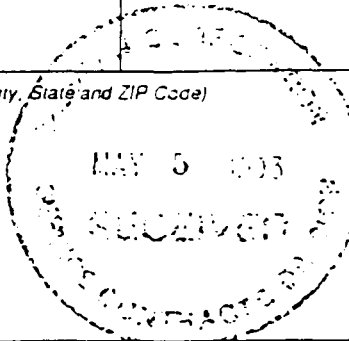
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGE

2. AMENDMENT/MODIFICATION NO. 1X  
 3. EFFECTIVE DATE JUN 4 1993  
 4. REQUISITION/PURCHASE REQ. NO.  
 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE  
 National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23681-0001  
 7. ADMINISTERED BY (If other than item 6) CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Calspan Corporation  
 Services Contracts Division  
 110 Mitchell Boulevard  
 Tullahoma, TN 37388  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO.  
 NAS1-19385  
 10B. DATED (SEE ITEM 13) 6/6/91



CODE FACILITY CODE

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 for receipt of offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation de etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
Mutual Agreement
- D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
 The purpose of this modification is to provide additional instructions to Exhibit A, Contract Documentation Requirements, Paragraph H, Subcontracting Reports. Accordingly, the subject contract is modified as follows:

(Continued on Attached Page)

FILE COPY

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

15A. NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cope  
 Director of Contracts and Self-Governance  
 15B. CONTRACTING OFFICER  
 15C. DATE SIGNED 5/31/93  
 15D. UNITED STATES OF AMERICA  
 BY Mary June Yeager  
 15E. DATE SIGNED 6-4-93



"H. Subcontracting Reports - The Contractor shall submit Standard Form (SF) 294, Subcontracting Report For Individual Contracts, and Standard Form (SF) 295, Summary Subcontractor Report, in accordance with the instructions on the reverse side of the form except the reports shall be submitted quarterly. 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: \$ \_\_\_\_\_."

\*\*\*\*\*

CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<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	
			<u>\$4,018,024</u>	<u>\$3,795,006*</u>	

\* Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

CONTRACT DISCODE

PAGE 021 PAGE

1. AMENDMENT/MODIFICATION NO. 17	2. EFFECTIVE DATE MAR 10 1993	4. REQUISITION/PURCHASE REQ. NO. N/A	3. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than item 6)	

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/5/91

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 for receipt of offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR Clause 52.243-2 Changes - Cost Reimbursement (AUG 1984) - Alternate II; Limitation of Funds Clause
<input type="checkbox"/>	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 provide for a full and complete equitable adjustment pursuant to the Changes Clause for Change Order Modification No. 11 dated October 9, 1992, which results in an increase in the level-of-effort, estimated cost, award fee, and allotted funding pursuant to the clause entitled "Limitation of Funds." Accordingly, the following changes are hereby made to the contract schedule:

(Continued on Attached Pages)

FILE COPY

15A. NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cope Director Contracts & Self-Governance	15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) R. Todd Lacks
15C. DATE SIGNED 01 MAR 93	15D. UNITED STATES OF AMERICA BY <i>R. Todd Lacks</i> (Signature of Contracting Officer)
15E. SIGNATURE OF PERSON AUTHORIZED TO SIGN <i>Stephen T. Cope</i>	15F. DATE SIGNED 3/10/93

I. Article B-2. Level of Effort, is revised by deleting paragraph A in its entirety and substituting the following to reflect an increase of [REDACTED] direct productive hours:

"A. In performing Government assigned work orders under this contract, the Contractor is obligated to provide up to [REDACTED] 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 [REDACTED] and [REDACTED] in cost and fee respectively:

"B-3. ESTIMATED COST, AWARD FEE, AND FIXED FEE

A. The estimated cost of the contract is [REDACTED] exclusive of the award fee of [REDACTED]. The total of the estimated cost and award fee is \$4,018,024. The total fixed fee is [REDACTED]. A base fee shall not be paid under the contract.

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

<u>Period</u>	<u>Available Award Fee</u>
June 22, 1991 - December 21, 1991	[REDACTED]
December 22, 1991 - June 21, 1992	[REDACTED]
June 22, 1992 - December 21, 1992	[REDACTED]
December 22, 1992 - June 21, 1993	[REDACTED]

\*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 [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: May 6, 1991 through June 1, 1993.

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

\*\*\*\*\*  
 CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<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	
			<u>\$4,018,024</u>	<u>\$3,795,006*</u>	

\* Includes [redacted] for cost and [redacted] for fee.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT		CONTRACT CODE	PAGE 1 OF 1 PAGE
2. AMENDMENT/MODIFICATION NO. 16	3. EFFECTIVE DATE JAN 27 1993	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388		9A. AMENDMENT OF SOLICITATION NO. <input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 10)  
CODE		FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 <input checked="" type="checkbox"/>
			10B. DATED (SEE ITEM 10) 6/6/91

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)

See Accounting Data Page 2

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

IMPORTANT: Contractor  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:

(Continued on Attached Page)

FILE COPY

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

15A. NAME AND TITLE OF SIGNER (Type or Print)	15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
15B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i> Signature of Contracting Officer	15C. DATE SIGNED 1-27-93

I. Article H-3., Contract Funding is hereby replaced by the following to show the addition of \$16,574 to the funding level of which [REDACTED] is added to cost and [REDACTED] is added to fee:

"H-3. 18-52.232-31 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 [REDACTED] and covers the following period of performance: May 6, 1991 through June 1, 1993.

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

\*\*\*\*\*

CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>LOE</u>
Basic	[REDACTED]	[REDACTED]	\$3,292,000	\$ 437,000	[REDACTED]
Mod. 1	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 2	[REDACTED]	[REDACTED]	0	63,000	[REDACTED]
Mod. 3	[REDACTED]	[REDACTED]	0	500,000	[REDACTED]
Mod. 4	[REDACTED]	[REDACTED]	615,600	115,654	[REDACTED]
Mod. 5	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 6	[REDACTED]	[REDACTED]	0	400,000	[REDACTED]
Mod. 7	[REDACTED]	[REDACTED]	0	1,042,000	[REDACTED]
Mod. 8	[REDACTED]	[REDACTED]	0	(110,931)	[REDACTED]
Mod. 9	[REDACTED]	[REDACTED]	0	52,000	[REDACTED]
Mod. 10	[REDACTED]	[REDACTED]	0	32,397	[REDACTED]
Mod. 11	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 12	[REDACTED]	[REDACTED]	0	47,000	[REDACTED]
Mod. 13	[REDACTED]	[REDACTED]	0	1,125,312	[REDACTED]
Mod. 14	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 15	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 16	[REDACTED]	[REDACTED]	0	16,574	[REDACTED]
			<u>\$3,907,600</u>	<u>\$3,720,006*</u>	

\* Includes [REDACTED] for cost and [REDACTED] for fee.

Accounting and Appropriation Data:

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>Amount</u>	<u>Status</u>
5673.0490	0293309	2933-3020-000	\$16,574	(Complete)

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT ( CONTRACT NUMBER PAGE OF PAGES )

2 AMENDMENT/MODIFICATION NO <b>15</b>	3 EFFECTIVE DATE <b>DEC 21 1992</b>	4 REQUISITION/PURCHASE REQ. NO	5 PROJECT NO (If applicable)
6 ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7 ADMINISTERED BY (If other than item 6)	CODE

**REQUIRED BY BOTH PARTIES**

3 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)  Calspan Corporation Service Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	<input checked="" type="checkbox"/>	3A AMENDMENT OF SOLICITATION NO
		3B DATED (SEE ITEM 11)
	<input checked="" type="checkbox"/>	10A MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-19385</b>
		10B DATED (SEE ITEM 13) <b>6/22/91</b>

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 3 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>Mutual Agreement</b>
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 add Clause 18-52.219-75 Small Business and Small Disadvantaged Business Subcontracting Reporting to the contract. Therefore this clause is added to Section I.

**FILE COPY**

15A NAME AND TITLE OF SIGNER (Type or Print) <b>Stephen T. Cope</b> Director of Contracts and Self-Governance	15B NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) <b>Mary Jane Yeager</b>
15C SIGNATURE OFFEROR 	15D DATE SIGNED <b>12/15/92</b>
15E UNITED STATES OF AMERICA BY	15F DATE SIGNED <b>12-21-92</b>

Section I.

"SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING REPORTING (NASA 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."

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<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	
			<u>\$3,907,600</u>	<u>\$3,793,432*</u>	

\* Includes [redacted] for cost and [redacted] for fee.



AMENDMENT OF SOLICITATION MODIFICATION OF CONTRACT

CONTRACT ID CODE

PAGE 1 OF 1 PAGE 2

2. AMENDMENT/MODIFICATION NO. 14	3. EFFECTIVE DATE NOV 25 1992	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TX 37388	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/5/91
CODE	FACILITY CODE	

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted;  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
(✓)	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 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 amend Article H-5., Key Personnel and Facilities, to replace a key person. Accordingly, the following change is made to the Contract Schedule:

FILE COPY

(Continued on Attached Page)

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

15A. NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cope Director of Contracts & Self-Governance	15B. SIGNATURE FOR OFFEROR <i>Stephen T. Cope</i> (Signature of person authorized to sign)	15C. DATE SIGNED 19 NOV 92	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager	16B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i> (Signature of Contracting Officer)	16C. DATE SIGNED 11-25-92
--	--	-------------------------------	---	---	------------------------------

NOV 25 1992

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

is deleted and ; substituted  
in lieu thereof.

\*\*\*\*\*  
CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<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	
			<u>\$3,907,600</u>	<u>\$3,703,432*</u>	

\* Includes [redacted] for cost and [redacted] for fee.

2. AMENDMENT/MODIFICATION NO 13 3. EFFECTIVE DATE NOV 03 1992 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225 7. ADMINISTERED BY (If other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma TN 37388 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 10B. DATED (SEE ITEM 13) 6/6/91

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Accounting Data Page 2

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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: (Continued on Attached Page) FILE COPY

15A. NAME AND TITLE OF SIGNER (Type or Print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager 16B. UNITED STATES OF AMERICA BY [Signature] 16C. DATE SIGNED 11-3-92

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 [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: May 6, 1991 through June 1, 1993.

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

\*\*\*\*\*  
 CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.

Accounting and Appropriation Data:

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>Amount</u>	<u>Status</u>
3530.2301	R14310	505-59-85-01	\$1,118,712	(Partial)
5673.0487	C293309	2933-3020-000	6,600	(Complete)
		Total	\$1,125,312f	

2. AMENDMENT, MODIFICATION NO. **12** 3. EFFECTIVE DATE **OCT 23 1992** 4. REQUISITION/PURCHASE REQ. NO. **5673.0483** 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23665-5225 7. ADMINISTERED BY (If other than item 6) CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) **Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma TN 37388** 9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-19385** 10B. DATED (SEE ITEM 13) **6/6/91**

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 for receipt of Offers  is extended,  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required) **5673.0483; C293309; 2933-3020-000; \$47,000 (Partial)**

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. **ITEM 10A.**  
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation dist. etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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:  
 (Continued on Attached Page)

**FILE COPY**

15A. NAME AND TITLE OF SIGNER (Type or Print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) **Mary Jane Yeager**  
 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY **Mary Jane Yeager** 16C. DATE SIGNED **10-22-92**  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

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 [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: May 6, 1991 through October 31, 1992.

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

\*\*\*\*\*  
CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>LOE</u>
Basic	[REDACTED]	[REDACTED]	\$3,292,000	\$ 437,000	[REDACTED]
Mod. 1	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 2	[REDACTED]	[REDACTED]	0	63,000	[REDACTED]
Mod. 3	[REDACTED]	[REDACTED]	0	500,000	[REDACTED]
Mod. 4	[REDACTED]	[REDACTED]	615,600	115,654	[REDACTED]
Mod. 5	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 6	[REDACTED]	[REDACTED]	0	400,000	[REDACTED]
Mod. 7	[REDACTED]	[REDACTED]	0	1,042,000	[REDACTED]
Mod. 8	[REDACTED]	[REDACTED]	0	(110,931)	[REDACTED]
Mod. 9	[REDACTED]	[REDACTED]	0	52,000	[REDACTED]
Mod. 10	[REDACTED]	[REDACTED]	0	32,397	[REDACTED]
Mod. 11	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 12	[REDACTED]	[REDACTED]	0	47,000	[REDACTED]
			<u>\$3,907,600</u>	<u>\$2,578,120*</u>	

\* Includes [REDACTED] for cost and [REDACTED] for fee.

2. AMENDMENT/MODIFICATION NO. 11	3. EFFECTIVE DATE OCT 09 1992	4. REQUISITION/PURCHASE REQ. NO. 5673.0483	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than item 6)	CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Service Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
		10B. DATED (SEE ITEM 13) 6/5/91
CODE	FACILITY CODE	

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
PR 5673.0483; JO C293309; PN 2933-3020-000; \$75,000 (Partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. OF ITEM 10A.  
 ✓ FAR Clause 52.243-2, Changes - Cost Reimbursement (AUG 1984) - Alternate II (APR 1984)

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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)  
 Pursuant to the Section I Clause Number 52.243-2, "Changes - Cost Reimbursement - Alternate II," the Contractor is authorized and directed by this change order modification to furnish all personnel, services, and materials necessary to perform operational and system testing for the NTF Controls. Accordingly, the contract is changed as follows:

**FILE COPY**

(Continued on Attached Page)

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

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10-9-92

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."

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<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	
			<u>\$3,907,600</u>	<u>\$2,531,120*</u>	

\* Includes [redacted] for cost and [redacted] for fee.



2. AMENDMENT/MODIFICATION NO. **10**      3. EFFECTIVE DATE **SEP 8 1992**      4. REQUISITION/PURCHASE REQ. NO. **5673.0453**      5. PROJECT NO. *(If applicable)*

6. ISSUED BY      CODE      7. ADMINISTERED BY *(If other than item 5)*      CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23665-5225

3. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*      (✓) 9A. AMENDMENT OF SOLICITATION NO.

Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma, TN 37388

98. DATED *(SEE ITEM 11)*

10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-19385**

10B. DATED *(SEE ITEM 13)* **6/6/91**

CODE      FACILITY CODE

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If Required)*  
5673.0477; C293309; 2933-3020-000 (\$32,397) (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 PURSUANT TO: *(Specify Authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A.

✓ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation data, etc)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor  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:

(Continued on Attached Page)

File Copy

15A. NAME AND TITLE OF SIGNER *(Type or Print)*      16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or Print)*  
Mary Jane Yeager

15B. CONTRACTOR/OFFEROR      15C. DATE SIGNED      16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*      16C. DATE SIGNED **9-8-92**

*(Signature of person authorized to sign)*

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 [REDACTED] is added to cost and [REDACTED] 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 [REDACTED] and covers the following period of performance: May 6, 1991 through October 31, 1992.

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

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>LOE</u>
Basic	[REDACTED]	[REDACTED]	\$3,292,000	\$ 437,000	[REDACTED]
Mod. 1	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 2	[REDACTED]	[REDACTED]	0	63,000	[REDACTED]
Mod. 3	[REDACTED]	[REDACTED]	0	500,000	[REDACTED]
Mod. 4	[REDACTED]	[REDACTED]	615,600	115,654	[REDACTED]
Mod. 5	[REDACTED]	[REDACTED]	0	0	[REDACTED]
Mod. 6	[REDACTED]	[REDACTED]	0	400,000	[REDACTED]
Mod. 7	[REDACTED]	[REDACTED]	0	1,042,000	[REDACTED]
Mod. 8	[REDACTED]	[REDACTED]	0	(110,931)	[REDACTED]
Mod. 9	[REDACTED]	[REDACTED]	0	52,000	[REDACTED]
Mod. 10	[REDACTED]	[REDACTED]	0	32,397	[REDACTED]
			<u>\$3,907,600</u>	<u>\$2,531,120*</u>	

\* Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION, MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 9	3. EFFECTIVE DATE JUN 1 1992	4. REQUISITION/PURCHASE REQ. NO. 5673.0458	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/6/91

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
5673.0458; C293309; 2933-3020-000 \$52,000 (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 PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
(✓)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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, paragraph H-3., Contract Funding, of the Contract Schedule is changed as follows:

(Continued on Attached Page) **FILE COPY**

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 and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 6-1-92

(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 [REDACTED] and covers the following period of performance: May 6, 1991 through September 30, 1992.

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

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CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 3 EFFECTIVE DATE MAR 20 1992 4. REQUISITION/PURCHASE REQ. NO. 5673.0410 5. PROJECT NO. (If applicable)

6 ISSUED BY CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225 7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TN 37388 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385 10B. DATED (SEE ITEM 13) 6/6/91

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 for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If Required) 5673.0410; C293307; 2933-2030-000 (\$110,931) (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 PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 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 decrease funding. Accordingly, paragraph H-3., Contract Funding, of the Contract Schedule is changed as follows: (Continued on Attached Page)

FILE COPY

15A. NAME AND TITLE OF SIGNER (Type or Print) Stephen T. Cope Associate Director of Business & Admin. 15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Mary Jane Yeager

15B. CONTRACTOR/OFFEROR Signature of person authorized to sign 15C. DATE SIGNED 16 APR 92 15B. UNITED STATES OF AMERICA BY Signature of Contracting Officer 16C. DATE SIGNED 3/20/92

(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 [REDACTED] and covers the following period of performance: May 6, 1991 through September 30, 1992.

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

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CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.

2. AMENDMENT/MODIFICATION NO. 7  
 3. DATE OF ISSUE JAN 07 1992  
 4. REQUISITION/PURCHASE REQ. NO. 3530.2301  
 5. PROJECT NO. (If app)  
 6. ISSUED BY CODE  
 National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23665-5225  
 7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Calspan Corporation  
 Services Contracts Division  
 110 Mitchell Boulevard  
 Tullahoma, TX 37388  
 9A. AMENDMENT OF SOLICITATION  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT NO. NAS1-19385  
 10B. DATED (SEE ITEM 13) 6/6/91  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the amendment submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 3530.2301 R17095 505-59-85-01 \$1,042,000 (partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(V) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by LCF section headings, including solicitation/contract subject matter where feasible)  
 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)

FILE COPY

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED  
 15D. UNITED STATES OF AMERICA  
 15E. SIGNATURE OF CONTRACTING OFFICER  
 15F. DATE SIGNED  
 15G. SIGNATURE OF CONTRACTING OFFICER  
 15H. DATE SIGNED

(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 [REDACTED] and covers the following period of performance: May 6, 1991 through September 30, 1992.

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

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CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.



AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

1. CONTRACT NO. CODE: \_\_\_\_\_ PAGE OF: 1

2. AMENDMENT/MODIFICATION NO: 6

3. EFFECTIVE DATE: DEC 16 1991

4. REQUISITION/PURCHASE REQ. NO.: 3530.2301

5. PROJECT NO. (If app): \_\_\_\_\_

6. ISSUED BY: National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23665-5225

7. ADMINISTERED BY (If other than item 6): \_\_\_\_\_ CODE: \_\_\_\_\_

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code):

Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma, TX 37388

9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_

9B. DATED (SEE ITEM 11): \_\_\_\_\_

10A. MODIFICATION OF CONTRACT NO. NAS1-19385

10B. DATED (SEE ITEM 13): 6/6/91

CODE: \_\_\_\_\_ FACILITY CODE: \_\_\_\_\_

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by teletype letter, provided each teletype or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required):

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.

(V) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: \_\_\_\_\_

D. OTHER (Specify type of modification and authority): \_\_\_\_\_

E. IMPORTANT: Contractor  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 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)

*Mary Jane Yeager*

15A. NAME AND TITLE OF SIGNER (Type or print): \_\_\_\_\_

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): Mary Jane Yeager

15B. CONTRACTOR/OFFEROR: \_\_\_\_\_

15C. DATE SIGNED: \_\_\_\_\_

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED: 12-16

(Signature of person authorized to sign) \_\_\_\_\_ (Signature of Contracting Officer) \_\_\_\_\_

(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 [REDACTED] and covers the following period of performance: May 6, 1991 through March 1, 1992.

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

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CONTRACT TABULATION

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

\* Includes [REDACTED] for cost and [REDACTED] for fee.

2. AMENDMENT/MODIFICATION NO. 5 3. EFFECTIVE DATE NOV 20 1991 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If Applicable)

6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225 7. ADMINISTERED BY (If Other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TX 37388 9A. AMENDMENT OF SOLICITATION 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT NO. NAS1-19385 10B. DATED (SEE ITEM 13) 6/5/91

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is tendered. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of it submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by tele letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in payment, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: **Mutual Agreement** D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCP section headings, including solicitation/contract subject matter where feasible) The purpose of this modification is to amend Article H-5. Key Personnel and Facilities, to replace a key person. Accordingly, the following change is made to the Contract Schedule:

(Continued on Attached Page)

FILE

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

15A. NAME AND TITLE OF SIGNER (Type or print) Stephen T. Cope Associate Director of Business & Administration 15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary Jane Yeager 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 11/18/91 15B. UNITED STATES OF AMERICA 15C. DATE 11/18/91

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

is deleted and substituted in lieu thereof.

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>Funding Da</u>
Basic			\$3,292,000	\$ 437,000	8-31-91
Mod. 1			0	0	
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	
			<u>\$3,907,600</u>	<u>\$1,115,654</u>	

Includes [redacted] for cost and [redacted] for fee.

2. AMENDMENT/MODIFICATION NO. 4	3. EFFECTIVE DATE OCT 18 1991	4. REQUISITION/PURCHASE REQ. NO. 5673.0410	5. PROJECT NO. (If applicable) 1
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Calspan Corporation Services Contracts Division 110 Mitchell Boulevard Tullahoma, TX 37388	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED SEE ITEM 11
	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-19385
CODE	FACILITY CODE
10B. DATED SEE ITEM 13 6/5/91	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 3 and 5, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 5673.0410 C293309 2933-3020-000 \$115,654 (Partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 10.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 FAR Clause 52.743-2 Changes - Cost Reimbursement (AUG 1984) - Alternate II;  
 Limitation of Funds Clause

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)

The purpose of this modification is to provide for a full and complete equitable adjustment pursuant to the Changes Clause for Change Order Modification No. 1 dated June 28, 1991, which results in an increase in the level-of-effort, estimated cost, award fee, and allotted funding pursuant to the clause entitled "Limitation of Funds." The requirement for obtaining consent before award of a subcontract exceeding \$25,000 and NASA/FAR Supplement Clause 18-52.245-73 are added. In addition, Exhibit 2 Contract Documentation Requirements is revised.

**FILE COPY!**

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

15A. NAME AND TITLE OF SIGNER (Type or print) Stephen T. Cope Associate Dir of Business and Administration	15B. DATE SIGNED 11 OCT 91	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) W.R. Kivett	16B. UNITED STATES OF AMERICA <i>[Signature]</i> Signature of Contracting Officer	16C. DATE SIGNED 10-18-91
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I. Article B-2. Level of Effort, 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 [REDACTED] 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 [REDACTED] exclusive of the award fee of [REDACTED]. The total of the estimated cost and award fee is \$3,907,600. The total fixed fee is [REDACTED]. A base fee shall not be paid under the contract.

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

<u>Period</u>	<u>Available Award Fee</u>
June 22, 1991 - December 21, 1991	[REDACTED]
December 22, 1991 - June 21, 1992	[REDACTED]
June 22, 1992 - December 21, 1992	[REDACTED]
December 22, 1992 - June 21, 1993	[REDACTED]

\*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 [REDACTED] and covers the following period of performance: May 6, 1991 through December 21, 1991.

B. An additional amount of [REDACTED] is 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 Documentation Preparation/Submission Instructions 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

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 Document Distribution Requirements 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

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>Funding</u>
Basic			\$3,292,000	\$ 437,000	8-31-
Mod. 1			0	0	
Mod. 2			0	63,000	9-30-
Mod. 3			0	500,000	11-15-
Mod. 4			615,600	115,654	12-21-
			<u>\$3,907,600</u>	<u>\$1,115,654</u>	

Includes [redacted] for cost and [redacted] for fee.



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

AMENDMENT/MODIFICATION NO. 3

EFFECTIVE DATE SEP 12 1991

REQUISITION NO. 5673.0410

ORDER NO.

PROJECT NO. (If Applicable)

ISSUED BY

CODE

ADMINISTERED BY (If Under Item 5)

CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23665-5225

NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma, TX 37388

9A. AMENDMENT OF SOLICITATION

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT NO.

NAS1-19385

X 10B. DATED (SEE ITEM 13)

6/6/91

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (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 amendment submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY BE CONSIDERED AS REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

5673.0410 93307 2933-2030-00 \$500,000 (partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in pay, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(D).

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 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCP section headings, including solicitation/contract subject matter where feasible)

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)

FILE COPY

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

15A. NAME AND TITLE OF SIGNER (Type or print)

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Mary Jane Yeager

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15B. UNITED STATES OF AMERICA

15C. DATE

(Signature of person authorized to sign)

Mary Jane Yeager  
Signature of Contracting Officer

9-12

(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 [REDACTED] and covers the following period of performance: May 6, 1991 through November 15, 1991.

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

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>Funding Date</u>
Basic	[REDACTED]	[REDACTED]	\$3,292,000	\$ 437,000	8-31-91
Mod. 1	[REDACTED]	[REDACTED]	0	0	
Mod. 2	[REDACTED]	[REDACTED]	0	63,000	9-30-91
Mod. 3	[REDACTED]	[REDACTED]	0	500,000	11-15-91
			<u>\$3,292,000</u>	<u>\$1,000,000*</u>	

\* Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION

MODIFICATION OF CONTRACT

CONTRACT NUMBER

PAGE OF 24

2 AMENDMENT/MODIFICATION NO  
2

1. EFFECTIVE DATE

AUG 16 1991

4. REQUISITION, PURCHASE REQ. NO

3530.2301

5. PROJECT NO. (If applicable)

3. ISSUED BY

CODE

7. ADMINISTERED BY (If other than item 3)

CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23665-5225

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

Calspan Corporation  
Services Contracts Division  
110 Mitchell Boulevard  
Tullahoma, TX 37388

9A. AMENDMENT OF SOLICITATION NO

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS1-19385

X

10B. DATED (SEE ITEM 13)

6/6/91

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 3 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

3530.2301 R14310 505-59-85-01 \$63,000 (Partial)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  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 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:

FILED

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

15A. NAME AND TITLE OF SIGNER (Type or print)

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Mary Jane Yeager

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

15B. UNITED STATES OF AMERICA

15C. DATE SIGNED

(Signature of person authorized to sign)

By Mary Jane Yeager  
(Signature of Contracting Officer)

8/16/91

(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 [REDACTED] and covers the following period of performance: May 6, 1991 through September 30, 1991.

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

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>Funding Date</u>
Basic	[REDACTED]	[REDACTED]	\$3,292,000	\$437,000	8-31-91
Mod. 1	[REDACTED]	[REDACTED]	0	0	
Mod. 2	[REDACTED]	[REDACTED]	0	63,000	9-30-91
			<u>\$3,292,000</u>	<u>\$500,000*</u>	

\*Includes [REDACTED] for cost and [REDACTED] for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT NUMBER: \_\_\_\_\_ PAGE OF: 1

1. AMENDMENT/MODIFICATION NO: \_\_\_\_\_ 2. EFFECTIVE DATE: JUN 28 1991 3. PROJECT NO. (IF APP): \_\_\_\_\_  
 4. REQUISITION/PURCHASE REQ. NO.: 5673.0410

5. ISSUED BY: National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23665-5225

6. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and Zip Code)  
 Calspan Corporation  
 Service Contracts Division  
 110 Mitchell Boulevard  
 Tullahoma, TN 37388

7. ADMINISTERED BY (If other than Item 5) CODE: \_\_\_\_\_  
 9A. AMENDMENT OF SOLICITATION NO.: \_\_\_\_\_  
 9B. DATED (SEE ITEM 11): \_\_\_\_\_  
 10A. MODIFICATION OF CONTRACT NO.: NAS1-19385  
 10B. DATED (SEE ITEM 13): 6/5/91

CODE: \_\_\_\_\_ FACILITY CODE: \_\_\_\_\_

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY BE IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
**X FAR Clause 52.243-2, Changes - Cost Reimbursement (AUG 1984) - Alternate II**  
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in funding appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(d).  
 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 \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
 Pursuant to the Section I Clause Number 52.243-2, "Changes - Cost Reimbursement - Alternate II," the Contractor is authorized and directed by this change order modification to furnish all personnel, services, equipment and materials necessary to increase the performance of operational and process system components in the NTF. Accordingly, the following changes are hereby made to Section C, Statement of Work.

(Continued on Attached Page)

FILE COPY

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

15A. NAME AND TITLE OF SIGNER (Type or print): \_\_\_\_\_  
 15B. CONTRACTOR/OFFEROR: \_\_\_\_\_  
 15C. DATE SIGNED: \_\_\_\_\_  
 15D. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): W. R. Kivett  
 15E. UNITED STATES OF AMERICA: \_\_\_\_\_  
 15F. SIGNATURE OF CONTRACTING OFFICER: \_\_\_\_\_  
 15G. DATE: \_\_\_\_\_

Add the following paragraph to 2.0 Task Areas:

"2.7 Controls Upgrade -- 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"

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CONTRACT TABULATION

	<u>Est. Cost</u>	<u>Award Fee</u>	<u>CPAF</u>	<u>Funding</u>	<u>Funding Date</u>
Basic			\$3,292,000	\$437,000	8-31-91
Mod. 1			<u>0</u>	<u>0</u>	
			\$3,292,000	\$437,000*	

\*Includes [redacted] for cost and [redacted] for fee.