

## **CONTRACT NAS1-20431 (Modifications)**

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

- Names and titles of key personnel, Modifications 1 and 2.

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.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. 1	3. EFFECTIVE DATE FEB 24 1995	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)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Computer Sciences Corporation Applied Technology Division 6565 Arlington Boulevard Falls Church, VA 22042-0227		(√)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		(√)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431	
CODE			10B. DATED (SEE ITEM 13) 1/1/95	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> 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) N/A				
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: Mutual Agreement			
	D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>3</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible) The purposes of this modification are to amend Section H., H.1, Key Personnel and Facilities to be effective March 1, 1995, and to complete Article H.3., Options, paragraph A., Level of Effort. Accordingly, the following changes are made:  <p style="text-align: center;">THIS COPY</p>				
(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 <u>Karen F. Charlton</u> (Signature of person authorized to sign)	15C. DATE SIGNED <u>2/7/95</u>	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>2/4/95</u>	

I. Paragraph (c) of H-1, Key Personnel and Facilities (NASA 18-52.235-71)  
(Mar 1989), is changed as follows:

The following person is hereby deleted:

The following person is hereby added:

II. Paragraph H, Level of Effort, of H.3, Options, is completed as follows:

	<u>First Option</u>	<u>Second Option</u>	<u>Third Option</u>	<u>Fourth Option</u>
Level of Effort	96,370 hours	96,370 hours	96,370 hours	96,370hours

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	3,102,000	\$155,000	\$3,257,000	641,988*
Mod. 1	0	0	0	0

Total includes \$609,988 for cost and \$32,000 for fee.



I. Incremental funding in the amount of \$1,259,859 for cost and \$61,412 for fee has been added to Section B., B.2 Contract Funding (NASA 18-52.232-9-81) (JUN 1990) and is shown below:

B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$1,869,847. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through July 12, 1995.

(b) An additional amount of \$93,412 is obligated under this contract for payment of fee.

II. Paragraph (c) of H.1, Key Personnel and Facilities (NASA 18-52.235-71) (MAR 1989) is changed as shown below:

III. Exhibit C., Government Furnished Property (2 pages) has been corrected and is attached hereto.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPEF</u>	<u>Funding</u>
Base Period	3,102,000	\$155,000	\$3,257,000	641,988*
Mod. 1	0	0	0	0
Mod. 2	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,321,271</u>
Total	3,102,000	\$155,000	\$3,257,000	1,963,259

Total includes \$1,869,847 for cost and \$93,412 for fee.

NASA ECN	ITEM DESCRIPTION	MODEL/PART	SERIAL #	MFG	DATE OF PURCHASE	UNIT PRICE
	Disk Drive Unit	M2588	F0121TSM2688	Apple	04/90	\$ 1,197.
	Disk Drive Unit	M22639A	J1611	Fujitsu	05/90	\$ 3,240.
	Terminal, Data Processing	VT320-C2	HK03260180	Dec	09/90	\$ 352.
	Terminal, Data Processing	VT320-C2	HK03260185	Dec	09/90	\$ 352.
	Terminal, Data Processing	NCD17CP5K	3203010	NCD	10/90	\$ 4,760.
	Computer, Mini	4/55C-8	034F0129	Sun	10/90	\$ 9,458.
	Monitor	HM-4419	027CN1398	Sun	10/90	\$ 750.
	Drive, CD ROM	X55911	36861108	Sun	10/90	\$ 667.
	Disk, Subsystem	F63D-T2-3	30063	CITA Tech Inc	10/90	\$ 2,725.
	Computer, Micro	NCD17CP3	0391C00739	NCD	06/91	\$ 2,345.
	Monitor	NCD17C	5207311	NCD	06/91	\$ 1,005.
	Disk, Drive Unit	ST41200N	WJ005904	CITA Tech Inc	07/91	\$ 2,550.
	Subsystem, Tape	TFH-029	AA561060	CITA Teac Inc	07/91	\$ 920.
	Tape Drive	9200	35396	Atrecon Inc	07/91	\$ 2,324.
	Printer, ADP	M6000	CA1059FL	Apple	07/91	\$ 3,925.
	Computer, Micro	MAC11S180	F2119HTX	Apple	07/91	\$ 4,174.
	Monitor, Color	MO401	7080760	Apple	07/91	\$ 680.
	Interface, Ethernet	EP0100	011E0B	Dyna Comm	07/91	\$ 350.
	Computer, Micro	48633DXC	245320	Gateway 2000	08/91	\$ 2,995.
	Monitor	CS1572FS	MAL126263	Gateway	08/91	\$ 400.
	Computer, Micro	48633DXC	245331	Gateway 2000	08/91	\$ 2,995.
	Monitor	PMV1488	MA9710444	Gateway	08/91	\$ 400.
	Computer, Micro	48633DXC	245332	Gateway 2000	08/91	\$ 2,995.
	Monitor	PMV1488	MA9710677	Gateway	08/91	\$ 400.
	Monitor	1420+	10600668	Goldstar Co	08/91	\$ 295.
	Computer	NCD-17c	13408524	NCD	08/91	\$ 2,925.
	Computer	NCD-19c	413992-150	NCD	10/91	\$ 3,500.
	Computer, Micro	48633DXC	1238220	Gateway 2000	03/93	\$ 2,045.
	Monitor	CS15722FS	MHL131861	Gateway	03/93	\$ 400.
	Computer, Micro	48633DXC	1238219	Gateway 2000	03/93	\$ 2,045.
	Monitor	CS1572FS	MALA20267	Gateway	03/93	\$ 400.
	Computer, Micro	48633DXC	1252969	Gateway 2000	03/93	\$ 2,445.
	Monitor	CS1572FS	MALA14041	Gateway	03/03	\$ 400.
	Computer	NCD-19c	41506078	NCD	03/93	\$ 3,297.
	Display Unit	NCD-19c	41506077	NCD	03/93	\$ 3,297.
	Computer	NCD-19c	41506075	NCD	03/93	\$ 3,297.
	Disk, Subsystem	ST42100N	TL504588	CITA	03/93	\$ 2,525.
	Computer, Micro	4DX2-56V	1524473	Gateway 2000	07/93	\$ 2,435.
	Computer, Micro	4DX2-56V	1524474	Gateway 2000	07/93	\$ 2,435.
	Monitor	CS1572FS	MHH117350	Gateway	07/93	\$ 400.
	Computer, Micro	4DX2-56V	1524475	Gateway 2000	07/93	\$ 2,435.
	Monitor	CS1572FS	MHH118413	Gateway	07/93	\$ 400.
	Computer, Micro	4DX2-56V	1524476	Gateway 2000	07/03	\$ 2,435.
	Monitor	CS1572FS	MHH118830	Gateway	07/93	\$ 400.
	Printer, Laser	33481A	3129JG5RV3	HP	07/93	\$ 347.
	Printer, Laser	33481A	33128JG5R7S	HP	07/93	\$ 347.
	Computer, Micro	Baby AT	1966082	Gateway 2000	03/01/94	\$ 2,500.
	Monitor	CS1572FS	MH1535129979	Gateway	03/01/94	\$ 400.
	Computer, Micro	Baby AT	1966079	Gateway 2000	03/01/94	\$ 2,500.
	Monitor	CS1572FS	MH1535130254	Gateway	03/01/94	\$ 400.
G74355	Printer, Laser	Laser JT III	NCNE	HP	04/20/91	\$ 1,329.
G75929	Computer, Mini	4D/210VXG	S11650	Silicon Graphics	06/29/90	\$67,344.
G75931	Interface, Computer	P4XSCZ	NCNE	Silicon Graphics	06/29/90	\$ 3,153.
G75268	Computer, Micro	M5840	F949002	Apple	07/30/90	\$ 5,293.
G75269	Display Unit	MO401	3384391	Apple	07/30/90	\$ 625.
G79420	Disk Drive Unit	NCNE	3020603	CITA	11/30/90	\$ 1,795.
G79421	Disk Drive Unit	NCNE	3020610	CITA	11/30/90	\$ 1,795.
55114	Scanner, Computer	725(1020)	7072600737	Dest Data Corp	03/19/88	\$ 2,350.
51051	Display Unit	EM41195-AAC	904AR0540	Sun	03/30/89	\$ 5,580.
51052	Computer, Mini	247	907F0301	Sun	03/30/89	\$ 4,032.
51053	Display Unit	EM41195-AAC	903AR0485	Sun	03/30/89	\$ 5,580.
51054	Computer, Mini	247	907F0587	Sun	03/30/89	\$ 4,032.
189757	Reader, Microfiche	DM-100	3720	Datagraphics	09/13/81	\$ 190.
220244	Display Unit	Color 700	34K 002302	AMDEX	12/16/85	\$ 450.
258141	Mega III CPU & Keyboard			MEGA	04/10/86	\$ 337.
258682	Monitor	5154-001	0107341	IBM	05/06/86	\$ 579.
260270	Printer, ADP	F460	330026661	NEC	08/27/86	\$ 449.
261938	Monitor	NCNE	24571	Sperry	02/23/90	\$ 450.
262421	Computer, Micro	5170099	5037693	IBM	12/01/88	\$ 7,340.
263791	Computer, Micro	KI	14609655150	IBM	05/27/85	\$ 1,500.
404846	Printer, ADP	922	105250	Okidata	02/29/94	\$ 510.
462586	Calculator, Electric, Pouch	TI-59	7357096	Texas Instruments	04/29/80	\$ 209.
462587	Printer, Digital	90-100A	3032557	Texas Instruments	09/20/77	\$ 158.

549611	Terminal, Data Processing	VS240A	AB1101G16	Digital	06/30/89	\$ 1,624.00
346244	Terminal, Data Processing	5510	25078910037J	Micro-Term	06/30/89	\$ 330.00
946313	Display, Network	MCD-16PJ	915 SF008 4TF1	MCD	07/05/89	\$ 2,720.00
347308	Computer, Mini	3/60	932F1020	Sun	09/25/89	\$ 2,542.00
347309	Display Unit	RM41195-AAC	930ARO200	Sun	09/25/89	\$ 3,000.00
349226	Printer, ADP	FX-185	5000624	Epson	08/13/81	\$ 699.00
349229	Printer, Digital	RK90	330935	Epson	08/13/81	\$ 425.00
349230	Terminal, Data Processing	4109A	E011088	Tektronix	02/26/86	\$ 5,925.00
349235	Terminal, Data Processing	MT420	9479860800108	Micro-Term	08/13/81	\$ 520.00
349237	Terminal, Data Processing	MT420	9479860800179	Micro-Term	08/13/89	\$ 520.00
349239	Terminal, Data Processing	MT420	9479860800101	Micro-Term	08/13/89	\$ 520.00
349242	Computer, Micro	XT	NCNE	Bytes Unlimited	12/09/86	\$ 1,330.00
349243	Monitor	190-95292	NCNE	Luxor	08/13/81	\$ 125.00
349244	Computer, Micro	4000	125651	Mega Corporation	05/21/87	\$ 1,204.00
349246	Printer, ADP	PSJET	448	QMS	07/14/87	\$ 4,295.00
349247	Computer, Micro	M5000	F7194RLM5030	Apple	08/12/87	\$ 4,535.00
349248	Monitor	C2D-1302	5022121	Sony	08/13/81	\$ 775.00
349249	Printer, ADP	M6000	CA839270	Apple	01/04/89	\$ 3,219.00
349251	Computer, Mini	600201501	905F2013	Sun	03/08/89	\$ 3,950.00
349252	Computer, Mini	GDM-19628	9248DW131	Sun	03/08/89	\$17,364.00
349253	Terminal, Data Processing	5510	2506890101310	Micro-Term	03/13/81	\$ 432.00
349254	Terminal, Data Processing	5510	2506890100427	Micro-Term	08/13/81	\$ 432.00
349255	Terminal, Data Processing	5510	2506890101306	Micro-Term	08/13/81	\$ 432.00
349256	Terminal, Data Processing	5510	2506890101307	Micro-Term	08/13/81	\$ 432.00
1084191	Monitor	JC2002VMA1	5N11C013785	NEC	02/20/91	\$ 2,219.00
1084194	Display Unit	Multisync 5D	NCNE	NEC	02/20/91	\$ 2,219.00
1084469	SPARCStation	600-2679-03	104F3192	Sun	03/11/91	\$ 5,415.00
1084470	SPARCStation	600-2679-03	107F1081	Sun	03/11/91	\$ 5,415.00
1084471	Display Unit	GDM-1662B	9105CZ2378	Sun	03/11/91	\$ 500.00
1084472	Display Unit	GDM-1662B	9105CZ3414	Sun	03/11/91	\$ 500.00
1085341	Disk Drive Unit	M2251S	L2910211559HD2	Fujitsu	05/09/91	\$ 1,500.00
1085815	Display Station, Comp Graph	XP29	3050894	Tektronix	06/10/91	\$ 4,515.00
1085816	Monitor	119-4073	J7F0550186	Tektronix	06/10/91	\$ 1,232.00
1087441	Display Unit	JC2002EMA1	16D007495	NEC	08/15/91	\$ 2,295.00
1087442	Printer, Laser	Laser JT III	NCNE	HP	08/15/91	\$ 1,514.00
1087840	Computer, Micro	486	NCNE	MILEX	08/30/91	\$ 5,109.00
1088079	Disk Drive Unit, Optical	MCE165051	BS30252	Storage Din., Inc	09/10/91	\$ 3,000.00
1088400	Computer, Micro	MCD 17C	0891C103555	MCD	10/02/91	\$ 1,465.00
1088401	Display Unit	17C	0891C103555	MCD	10/02/91	\$ 1,130.00
1088530	Printer, ADP	3149A	3104JZ8945	HP	09/15/91	\$ 1,500.00
1088628	Display Unit	Multisync 5D	NCNE	NEC	10/14/91	\$ 2,005.00
1091328	SPARCStation, IPC	600-2575-06	20763033	Sun	03/12/92	\$ 2,345.00
1091329	Display Unit	GDM-1662B	9138DT0189	Sun	03/12/92	\$ 3,120.00
1092676	Printer, Laser	PS-410-1	Q0059821	QMS	06/11/92	\$ 1,489.00
1092677	Printer, Laser	PS-410	NCNE	QMS	06/11/92	\$ 1,489.00
1092679	Printer, Laser	PS-410-1	SNQ006037	QMS	06/11/92	\$ 1,489.00
1093233	Display Unit	Multisync5FG	NCNE	NEC	06/08/92	\$ 2,395.00
1156014	Monitor	CS1572FS	MAL126263	Gateway 2000	07/23/92	\$ 400.00
1156018	Computer, Micro	Gateway 2000	NCNE	Gateway	07/23/92	\$ 4,399.00
1156061	Computer, Mini	486	TOWER	Gateway 2000	08/11/92	\$ 4,550.00
1156187	Computer, Micro	486DX2/50E	0674603	Gateway 2000	08/11/92	\$ 4,250.00
1255204	Display Unit	MCD 17C	R20313378-0293	Network Computing Devices	10/29/91	\$ 2,925.00
1256999	Display Unit	HL7965KW-CD	205000568	Mitsubishi	08/03/93	\$ 1,500.00
1258417	Computer, Micro	CYNB007	080069073BDF	Silicon Graphics	10/14/93	\$24,703.00
052799	Computer, Mini	DH-630Q3-F2	WF74314444	Digital Equipment, MicroVax	06/02/94	\$38,392.00
058908	Computer, Mini	630QB-A2	WF94318056	Digital Equipment, MicroVax	06/02/94	\$25,271.00
463115	Terminal	VT100AA	3027175	Digital Equipment	06/02/94	\$ 2,150.00
060247	Terminal	VT320C2	2A82502298	Digital Equipment	06/02/94	\$ 170.00
061254	Computer	247	901F1362	Mini Sun Microsystems	06/02/94	\$ 5,152.00
061250	Display Unit	19P114A6124	350BM3875	Sun Microsystems	06/02/94	\$ 1,000.00
1252948	Display Unit	CM2086A1SG	001029	Halachi Mfg Co	07/02/94	\$12,000.00
1252949	Computer, Mini	GDM19623	9248DW1161	Sun	07/02/94	\$19,799.00
0058	Computer w/KB and mouse	Baby AT	2398492	Gateway 2000	07/01/94	\$ 2,295.00
0059	Monitor	CS1775LE	M111934100499	Gateway	07/01/94	\$ 335.00
0060	Computer w/KB and mouse	Baby AT	2398493	Gateway 2000	07/01/94	\$ 2,295.00
0061	Monitor	CS1775LE	M111934100093	Gateway	07/01/94	\$ 335.00
0062	Computer w/KB and mouse	Baby AT	2398494	Gateway 2000	07/01/94	\$ 2,295.00
0063	Monitor	CS1775LE	M111934098746	Gateway	07/01/94	\$ 335.00
0064	Disk	MSLC-001	9424160853	Seagate	07/01/94	\$ 1,601.00
0065	Tape Drive	N/A	5079334	Athen Electronics	07/01/94	\$ 2,140.00

2. AMENDMENT/MODIFICATION NO. <b>3</b>	3. EFFECTIVE DATE <b>MAY 12 1995</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Computer Sciences Corporation Applied Technology Division 6565 Arlington Boulevard Falls Church, VA 22042-0227	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	✓	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13) <b>1/1/95</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 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)  
See Page 3.

**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 purpose of this modification is to add incremental funding to the contract. Accordingly, the following change is made:

(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) Panice H. Clark	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED <b>5/12/95</b>



I. Incremental funding in the amount of \$597,786 for cost and \$21,160 for fee has been added to Section B., B.2 Contract Funding (NASA 18-52.232-9-81) (JUN 1990) and is shown below:

B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$2,467,633. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through September 15, 1995.

(b) An additional amount of \$114,572 is obligated under this contract for payment of fee.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	<u>0</u>	<u>0</u>	<u>0</u>	<u>618,946</u>
Total	3,102,000	\$155,000	\$3,257,000	2,582,205*

\*Total includes \$2,467,633 for cost and \$114,572 for fee.

Accounting and Appropriation Data

<u>P.R.</u>	<u>RTR</u>	<u>JO</u>	<u>Amount</u>	<u>Complete or Partial</u>
BAC.0654	537092002	H15067	\$ 40,000	Complete
CAD.2656	146900436	R20079	\$ 5,500	Complete
CCB.1730	237021801	R19867	\$ 6,500	Complete
CCB.1734	237021801	R19867	\$ 9,000	Complete
CCC.0606	225120210	R19502	\$ 58,000	Complete
DFC.3147	538071310	R19825	\$ 800	Complete
DFE.0682	538031303	H2332C	\$ 15,000	Complete
DFM.1002	538031303	H2332C	\$ 6,000	Complete
DIH.1110	538041115	R19732	\$ 4,219	Complete
DSL.1072	537062109	H15033	\$ 14,000	Complete
GME.5204	323130401	R20011	\$ 60,000	Complete
GMG.1261	992160405	M1791	\$ 399,927	Complete
		TOTAL	\$ 618,946	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

PAGE OF PAGES

1 3

2. AMENDMENT/MODIFICATION NO. 4	3. EFFECTIVE DATE AUG 25 1995	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)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Computer Sciences Corporation Applied Technology Division 6565 Arlington Boulevard Falls Church, VA 22042-0227	<input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
	<input type="checkbox"/>	9B. DATED (SEE ITEM 11)
	<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 1/1/95

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, 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 Page 3.

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 to the contract. Accordingly, the following change is made:

Incremental funding in the amount of \$373,050 for cost and \$18,500 for fee has been added to Section B, B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990) and is shown below:

(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 force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Carolyn A. Wells</u> (Signature of Contracting Officer)	16C. DATE SIGNED 8/25/92

B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$2,585,205. This allotment is for Computational Analysis and Programing Support Services and covers the following estimated period of performance: January 1, 1995 through November 7, 1995.

(b) An additional amount of \$133,072 is obligated under this contract for payment of fee.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	\$3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	0	0	0	618,946
Mod. 4	0	0	0	391,550
Total	<u>\$3,102,000</u>	<u>\$155,000</u>	<u>\$3,257,000</u>	<u>2,973,755*</u>

\*Total includes \$2,582,205 for cost and \$133,072 for fee.

COMPUTER SCIENCES CORPORATION  
NAS1-20431 (CAPSS)  
F. Y. 1995

8/8/95

<u>P.R.</u>	<u>PY</u>	<u>RTR</u>	<u>JO</u>	<u>Amount</u>	<u>Complete or Partial</u>
BAC.0667	95	505695902	R19945	\$ 4,200	Complete
DAA.0053	95	505598723	R9895	\$ 17,400	Complete
DCM.1051	95	505687005	R19587	\$ 8,400	Complete
DGA.3370	95	242300310	R20575	\$ 5,600	Complete
DSL.1101	95	537062109	H15033	\$ 8,750	Complete
GF.1111	95	992140402	M1864	\$ 25,000	Complete
GF.1120	95	992140402	M1864	\$ 23,000	Complete
GF.1123	95	992140402	M1864	\$ 75,000	Complete
GMA.2256	95	992160406	M1792	\$ 24,200	Complete
GMG.1286	95	992160405	M1791	\$ 200,000	Complete
			TOTAL	\$ 391,550	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF 1

2. AMENDMENT/MODIFICATION NO. 5  
 3. EFFECTIVE DATE SEP 21 1995  
 4. REQUISITION/PURCHASE REQ. NO.  
 5. PROJECT NO. (If appl.)  
 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)  
 Computer Sciences Corporation  
 Systems Sciences Division  
 4061 Powder Mill Rd., Suite 700  
 Calverton, MD 20705  
 9A. AMENDMENT OF SOLICITATION  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT, NO.  
 NAS1-20431  
 10B. DATED (SEE ITEM 13)  
 1/1/95  
 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 tended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following 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 \_\_\_\_\_ 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 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)  
 See 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. 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:  
 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 purposes of this modification are to delete a NASA FAR clause; update Exhibit B, Contract Security Classification Specification, DD Form 254 and change the mailing address for this contract. Accordingly, the following changes are made:  
 Clause 18-52.204-70, Report on NASA Subcontracts, is hereby deleted from Section I of this contract.

(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 effect.

15A. NAME AND TITLE OF SIGNER (Type or print)  
 Cheryl Cartwright  
 Sr. Contracts Administrator  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 CAROLYN A. WELLS  
 15B. CONTRACTOR/OFFEROR  
 (Signature of person authorized to sign)  
 15C. DATE SIGNED  
 9/20/95  
 16B. UNITED STATES OF AMERICA  
 BY (Signature of Contracting Officer)  
 16C. DATE  
 9/21/95

CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	\$3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	0	0	0	618,946
Mod. 4	0	0	0	391,550
Mod. 5	0	0	0	0
Total	<u>\$3,102,000</u>	<u>\$155,000</u>	<u>\$3,257,000</u>	<u>2,973,755*</u>

\*Total includes \$2,582,205 for cost and \$133,072 for fee.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF
2. AMENDMENT/MODIFICATION NO. 6		3. EFFECTIVE DATE SEP 21 1995	4. REQUISITION/PUR. BASE REQ. NO.
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		5. PROJECT NO. (If app)	
CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Computer Sciences Corporation Applied Technology Division 6565 Arlington Boulevard Falls Church, VA 22042-0227		(X) 9A. AMENDMENT OF SOLICITATION	
CODE		9B. DATED (SEE ITEM 11)	
FACILITY CODE		10A. MODIFICATION OF CONTRACT NO. NAS1-20431	
		10B. DATED (SEE ITEM 13) 1/1/95	

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 \_\_\_\_\_ 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)  
See Page 3.

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 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:
	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 to the contract. Accordingly, the following change is made:

Incremental funding in the amount of \$212,382 for cost and \$20,000 for fee has been added to Section B, B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990) and is shown below:

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 force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		CAROLYN A. WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Carolyn A. Wells</i> (Signature of Contracting Officer)	16C. DATE 9/21
(Signature of person authorized to sign)			



B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,053,065. This allotment is for Computational Analysis and Programing Support Services and covers the following estimated period of performance: January 1, 1995 through December 13, 1995.

(b) An additional amount of \$153,072 is obligated under this contract for payment of fee.

\*\*\*\*\*

CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	\$3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	0	0	0	618,946
Mod. 4	0	0	0	391,550
Mod. 5	0	0	0	0
Mod. 6	0	0	0	232,382
Total	<u>\$3,102,000</u>	<u>\$155,000</u>	<u>\$3,257,000</u>	<u>3,206,137*</u>

\*Total includes \$3,053,065 for cost and \$153,072 for fee.

COMPUTER SCIENCES CORPORATION  
NAS1-20431 (CAPSS)  
F. Y. 1995

9/20/95

<u>P.R.</u>	<u>FY</u>	<u>RTB</u>	<u>JQ</u>	<u>Amount</u>	<u>Complete or Partial</u>
CCB.1739	95	237021801	R19867	\$ 4,000	Complete
DAA.1782	95	537032202	H15012	\$ 11,200	Complete
GF1141	95	282200250	A5393	\$ 147,507	Complete
GME.5226	95	665452001	R19693	\$ 49,675	Complete
GME.5238	95	236010501	R19548	\$ 10,000	Complete
GME.5257	95	237032601	R20463	\$ 10,000	Complete
			TOTAL	\$ 232,382	

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE OF PAGES  
 1 | 3

2. AMENDMENT/MODIFICATION NO. 7 EFFECTIVE DATE NOV 28 1995 4. REQUISITION/PURCH. 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)  
 Computer Sciences Corporation  
 Systems Sciences Division  
 4061 Powder Mill Rd., Suite 700  
 Calverton, MD 20705

(if) 9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
 9B. DATED (SEE ITEM 11) \_\_\_\_\_  
 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431  
 X 10B. DATED (SEE ITEM 13) 1/1/95

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)**

See Page 3.

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

(W) 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(D).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)  
 X Section H, H.3, Options

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 12-month option period and to add incremental funding to the contract. Accordingly, the following changes are made:

A. Section B, B.5, Level-of-Effort, Paragraph A, is hereby replaced by the following to include 96,370 hours added for the first option period.

(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 force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 CAROLYN A. WELLS  
 15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA  
 BY Carolyn A. Wells 16C. DATE SIGNED 11 28 1995  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

"B.5 LEVEL-OF-EFFORT

A. In the performance of work under this contract, the Level-of-Effort (LOE) that the Contractor is obligated to provide is up to 192,740 direct labor hours as defined in Paragraph B below."

B. Section B, B.3, Estimated Cost and Fixed Fee, is hereby replaced by the following to include the cost and fee associated with the exercise of the First Option Period. The increase in the cost is \$3,165,000 and the increase in fixed fee is \$158,000.

"B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74) (DEC 1991)

The estimated cost of this contract is \$6,267,000 exclusive of the fixed fee of \$313,000. The total estimated cost and fixed fee is \$6,580,000."

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

D. Incremental funding in the amount of \$67,785 for cost and \$3,515 for fee has been added to Section B, B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990) and is shown below:

"B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,120,850. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through December 20, 1995.

(b) An additional amount of \$156,587 is obligated under this contract for payment of fee."

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	\$3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	0	0	0	618,946
Mod. 4	0	0	0	391,550
Mod. 5	0	0	0	0
Mod. 6	0	0	0	232,382
Mod. 7	<u>3,165,000</u>	<u>158,000</u>	<u>3,323,000</u>	<u>71,300</u>
Total	\$6,267,000	\$313,000	\$6,580,000	3,277,437*

\*Total includes \$3,120,850 for cost and \$156,587 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>RTR</u>	<u>JO</u>	<u>Amount</u>	<u>Complete or Partial</u>
CCE.1107	618323301	R19868	\$ 5,000	Complete
D.1197	509404101	R20034	\$45,000	Complete
DCN.1028	505687009	R19529	\$ 3,500	Complete
DFL.1100	505591033	R19845	\$ 6,300	Complete
DFL.1107	505695201	R20268	\$10,000	Complete
DFM.1036	505595301	R19559	\$ 1,500	Complete
		Total:	\$71,300	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF 1

2. AMENDMENT/MODIFICATION NO. 8	3. EFFECTIVE DATE DEC 13 1995	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If appl.)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Computer Sciences Corporation Systems Sciences Division 4061 Powder Mill Rd., Suite 700 Calverton, MD 20705	(y)	9A. AMENDMENT OF SOLICITATION
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/NO. NAS1-20431 10B. DATED (SEE ITEM 13) 1/1/95
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 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)

See Page 2.

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.
	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	D. OTHER (Specify type of modification and authority) Section H, H.3, Options

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 and effect.)

The purpose of this modification is to add incremental funding to the contract. Accordingly, the following change is made:

Incremental funding in the amount of \$277,000 for cost and \$13,000 for fee has been added to Section B, B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990) and is shown below:

(CONTINUED ON ATTACHED PAGE)

12/13/95

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		CAROLYN A. WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE
(Signature of person authorized to sign)		BY <i>Carolyn A. Wells</i>	DEC 13 1995
		(Signature of Contracting Officer)	

"B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,397,850. This allotment is for Computational Analysis and Programing Support Services and covers the following estimated period of performance: January 1, 1995 through January 24, 1996.

(b) An additional amount of \$169,587 is obligated under this contract for payment of fee."

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	\$3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	0	0	0	618,946
Mod. 4	0	0	0	391,550
Mod. 5	0	0	0	0
Mod. 6	0	0	0	232,382
Mod. 7	3,165,000	158,000	3,323,000	71,300
Mod. 8	0	0	0	290,000
Total	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>3,567,437*</u>

\*Total includes \$3,397,850 for cost and \$169,587 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>RTR</u>	<u>JO</u>	<u>Amount</u>	<u>Complete or Partial</u>
GMG.1320	99216040500	M1791	\$165,000	Complete
GN.1110	50564131100	R19887	\$ 75,000	Complete
D.1203	50910110500	R19908	\$ 50,000	Complete

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF 3
2. AMENDMENT/MODIFICATION NO. 9			3. EFFECTIVE DATE JAN 19 1995	4. REQUISITION/PURCHASE REQ. NO.
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			5. PROJECT NO. (If applicable)	
7. ADMINISTERED BY (If other than Item 6)			CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)			9A. AMENDMENT OF SOLICITATION NO.	
Computer Sciences Corporation Systems Sciences Division 4061 Powder Mill Rd., Suite 700 Calverton, MD 20705			9B. DATED (SEE ITEM 11)	
CODE			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431	
FACILITY CODE			10B. DATED (SEE ITEM 13) 1/1/95	

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, 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)  
GMG.1325; 99216040500; M1791; \$342,000; 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. 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).
	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 add incremental funding to the contract and to revise a NASA FAR Supplement clause. Accordingly, the following changes are made:

A. Incremental funding in the amount of \$325,175 for cost and \$16,285 for fee has been added to Section B, B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990) and is shown below:

(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)	
		CAROLYN A. WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY <i>Carolyn A. Wells</i> (Signature of Contracting Officer)	1/1/95



"B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,723,565. This allotment is for Computational Analysis and Programing Support Services and covers the following estimated period of performance: January 1, 1995 through March 5, 1996.

(b) An additional amount of \$185,872 is obligated under this contract for payment of fee."

B. The reporting period for the SF 295 is hereby changed as follows:

"SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING REPORTING (NASA/FAR SUPPLEMENT 18-52.219-75) (OCT 1995)

(a) The Contractor shall submit the Summary Subcontract Report (Standard Form [SF] 295) semiannually for the reporting periods specified in Block 4 of the form. All other instructions of SF 295 remain in effect.

(b) 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>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding</u>
Base Period	\$3,102,000	\$155,000	\$3,257,000	641,988
Mod. 1	0	0	0	0
Mod. 2	0	0	0	1,321,271
Mod. 3	0	0	0	618,946
Mod. 4	0	0	0	391,550
Mod. 5	0	0	0	0
Mod. 6	0	0	0	232,382
Mod. 7	3,165,000	158,000	3,323,000	71,300
Mod. 8	0	0	0	290,000
Mod. 9	0	0	0	342,000
Total	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>3,909,437*</u>

\*Total includes \$3,723,565 for cost and \$185,872 for fee.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 10	3. EFFECTIVE DATE FEB 21 1996	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	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
		10B. DATED (SEE ITEM 13) 1/1/95
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)

**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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

*Carroll*

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY <i>Carolyn A. Wells</i> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED FEB 21 1996

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$4,114,765. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through April 19, 1996.

(b) An additional amount of \$204,872 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$4,319,637</u>

\*Total includes \$4,114,765 for cost and \$204,872 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
D.1211	R19908	509101105	\$200,000	Complete
CCC.0622	R19502	225120210	50,000	Complete
CCD.0530	R19500	618223102	20,000	Complete
DFC.3265	R19818	505633603	40,000	Complete
GN.1125	R19887	505641311	75,000	Complete
DCN.1034	R20893	505597006	21,000	Complete
DSL.1170	H15191	537063420	4,200	
Total			<u>\$410,200</u>	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 11	3. EFFECTIVE DATE APR 16 1996	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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  NAS1-20431
		10B. DATED (SEE ITEM 13)  1/1/95
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)  
See page 2.

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  CAROLYN A. WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Carolyn A. Wells</i> (Signature of Contracting Officer)	16C. DATE SIGNED APR 16 1996
(Signature of person authorized to sign)			

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$4,254,605. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through May 2, 1996.

(b) An additional amount of \$211,864 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$4,466,469</u>

\*Total includes \$4,254,605 for cost and \$211,864 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GMG.1336	M1791	992-16-04-05	\$109,832	Complete
CAB.1437	R19513	229-01-02-10	27,000	Complete
DFL.1158	R20822	505-59-10-37	10,000	Complete

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 12	3. EFFECTIVE DATE MAY 06 1996	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	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705		(x)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431	
			10B. DATED (SEE ITEM 13) 1/1/95	
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)

See page 2.

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


(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED MAY 6 1996
(Signature of person authorized to sign)			



"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$4,790,589. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through June 30, 1996.

(b) An additional amount of \$234,474 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$5,025,063</u>

\*Total includes \$4,790,589 for cost and \$234,474 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GMG.1351	M1791	992-16-04-05	\$558,594	Partial

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 13  
3. EFFECTIVE DATE JUN 04 1996  
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)  
Computer Sciences Corporation  
System Sciences Division  
4061 Powder Mill Road, Suite 700  
Calverton, MD 20705

(x) 9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
9B. DATED (SEE ITEM 11) \_\_\_\_\_  
X 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431  
10B. DATED (SEE ITEM 13) 1/1/95

**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)  
See page 2.

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

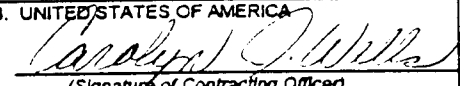
(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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 \_\_\_\_\_  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS  
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)  
16C. DATE SIGNED \_\_\_\_\_



" B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$4,826,689. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through June 30, 1996.

(b) An additional amount of \$236,274 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$5,062,963</u>

\*Total includes \$4,826,689 for cost and \$236,274 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GMA.2344	R21580	50559535300	\$37,900	Complete

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. <b>14</b>	3. EFFECTIVE DATE <b>JUN 06 1996</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</b>	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)	(x)	9A. AMENDMENT OF SOLICITATION NO.
<b>Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705</b>		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
	<b>X</b>	<b>NAS1-20431</b>

CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) <b>1/1/95</b>
------	---------------	---

**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 page 3.

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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)
	<b>CAROLYN A. WELLS</b>
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	
16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY <i>Carolyn A. Wells</i>	<b>JUN 06 1996</b>
(Signature of Contracting Officer)	

**FILE COPY**

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$6,193,547. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through November 30, 1996.

(b) An additional amount of \$293,933 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$6,487,480</u>

\*Total includes \$6,193,547 for cost and \$293,933 for fee.

ACCOUNTING AND APPROPRIATION DATA

COMPUTER SCIENCES CORPORATION  
 NAS1-20431 (CAPSS)  
 F. Y. 1996

<u>PR</u>	<u>DY</u>	<u>FR</u>	<u>JO</u>	<u>Amount</u>	<u>Complete or Partial</u>
BAC.0688	96	505695001	R19914	S 15,000	Complete
CCD.0542	96	618223102	R19500	S 5,000	Complete
D.1225	96	509101105	R19908	S 300,000	Complete
D.1231	96	509101105	R19908	S 99,000	Complete
DAA.1327	96	538051401	R20782	S 9,300	Complete
DFC.3302	96	505633603	R19818	S 10,000	Complete
DFL.1171	96	505595002	R20964	S 1,400	Complete
DFL.1172	96	505591037	R20822	S 5,000	Complete
DSL.1183	96	537063420	H15191	S 11,200	Complete
DSL.1184	96	242300360	R21233	S 4,900	Complete
GF.1160	96	282200252	A5442	S 200,000	Complete
GME.5285	95	323880401	R20010	S 43	Complete
GME.5285	96	323080101	R21397	S 85,600	Complete
GMG.1351	96	992160405	M1791	S 602,574	Complete
GN.1152	96	505641311	R19887	S 75,000	Complete
			TOTAL	S 1,424,517	

OMB Approval #: 2700-0042

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 15 3. EFFECTIVE DATE AUG 23 1996 4. REQUISITION/PURCHASE REQ. NO. 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)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-20431 10B. DATED (SEE ITEM 13) 1/1/96

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is 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) See page 2.

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

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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: Contracting Funding (NASA 18-52.232-81) (JUN 1990) 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 purposes of this modification are to deobligate funding and to add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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.

18A. NAME AND TITLE OF SIGNER (Type or print) IRENE MANFORD MANAGER OF CONTRACTS 18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CAROLYN A. WELLS CONTRACTING OFFICER 18B. CONTRACTOR/OFFICER Signature of person authorized to sign 18C. DATE SIGNED 8/21/96 18B. UNITED STATES OF AMERICA BY Signature of Contracting Officer 18C. DATE SIGNED AUG 23 1996

N8N 7340-01-152-8070 PREVIOUS EDITION UNUSABLE 30-108 STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

FILE COPY

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$5,999,737. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through October 24, 1998.

(b) An additional amount of \$284,243 is obligated under this contract for payment of fee."

CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFE</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$8,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$8,580,000</u>	<u>\$8,283,980</u>

\*Total includes \$5,999,737 for cost and \$284,243 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GMG.1351	M1791	992-16-04-05	-\$300,000	Complete
GMA.2344	R19818	505-83-36-03	-25,000	Complete
CCC.0630	R19502	225120210	32,000	Complete
DAG.1058	H15227	537072024	15,000	Complete
DAG.1058	H15233	537072022	15,000	Complete
DSD.1488	H15183	537083820	2,100	Complete
GME.5287	M1788	992160303	4,800	Complete
GME.5287	M1782	992160406	4,800	Complete
GME.5287	M3026	992300804	4,800	Complete
GMF.3308	M3048	992301028	23,000	Complete
JB.0817	R20758	505708301	20,000	Complete

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
2. AMENDMENT/MODIFICATION NO. 16  
3. EFFECTIVE DATE SEP 11 1996  
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)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Computer Sciences Corporation  
System Sciences Division  
4061 Powder Mill Road, Suite 700  
Calverton, MD 20705  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
X NAS1-20431  
10B. DATED (SEE ITEM 13)  
1/1/95  
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)  
See page 2.

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

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
CAROLYN A. WELLS  
CONTRACTING OFFICER  
16B. UNITED STATES OF AMERICA  
BY Carolyn A. Wells  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
SEP 11 1996

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$6,057,729. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through October 31, 1996.

(b) An additional amount of \$287,121 is obligated under this contract for payment of fee."

.....  
CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$6,344,420</u>

\*Total includes \$6,057,299 for cost and \$287,121 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
DAA.1863	H15212	53707222100	\$ 5,040	Complete
GN.1203	R19887	50564131100	50,000	Complete
CAC.6956	R19677	46454167000	5,400	Complete



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>17</b>	3. EFFECTIVE DATE <b>SEP 3 1995</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)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13)  <b>1/1/95</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 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 page 2.

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

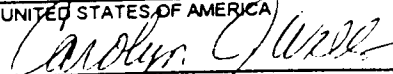
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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) <b>CAROLYN A. WELLS CONTRACTING OFFICER</b>		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED <b>SEP 3 1995</b>
(Signature of person authorized to sign)			

FILE COPY

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$6,084,299. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through October 31, 1996.

(b) An additional amount of \$287,121 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
	<u>\$6,267,000</u>	<u>\$313,000</u>	<u>\$6,580,000</u>	<u>\$6,371,420</u>

\*Total includes \$6,084,299 for cost and \$287,121 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
CCD.0549	R19500	61822310200	\$27,000	Complete

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 18	3. EFFECTIVE DATE OCT 17 1996	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)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705			
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
			10B. DATED (SEE ITEM 13) 1/1/95
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)

**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).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Section H, H.3, Options

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

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

The purpose of this modification is to exercise the second 12-month option period. Accordingly, the following changes are hereby made:

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 CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 10/17/96
(Signature of person authorized to sign)			

A. Section B. B.5, Level-of-Effort, Paragraph A, is hereby replaced by the following to include 96,370 hours added for the second option period.

**"B. 5 LEVEL-OF-EFFORT**

"A. In the performance of work under this contract, the Level-of-Effort (LOE) that the Contractor is obligated to provide is up to 289,110 direct labor hours as defined in Paragraph B below."

B. Section B, B.3, Estimated Cost and Fixed Fee, is hereby replaced by the following to include the cost and fee associated with the exercise of the Second Option Period. The increase in the cost is \$3,234,000 and the increase in the fixed fee is \$162,000.

**"B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74) (DEC 1991)**

The estimated cost of this contract is \$9,501,000, exclusive of the fixed fee of \$475,000. The total estimated cost and fixed fee is \$9,976,000."

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 of this contract shall be 36 months from the effective date of the contract."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	<u>3,234,000</u>	<u>162,000</u>	<u>3,396,000</u>	<u>0</u>
	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420

\*Total includes \$6,084,299 for cost and \$287,121 for fee.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>19</b>	3. EFFECTIVE DATE <b>OCT 24 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)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
	X	<b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13) <b>1/1/95</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 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 page 2.**

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

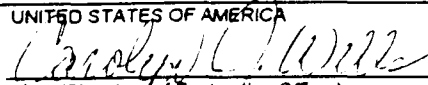
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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) <b>CAROLYN A. WELLS CONTRACTING OFFICER</b>		
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)	

FILE COPY

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposed of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$6,806,820. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through January 23, 1997.

(b) An additional amount of \$317,600 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Total	<u>\$9,501,000</u>	<u>\$475,000</u>	<u>\$9,976,000</u>	<u>\$7,124,420</u>

\*Total includes \$6,806,820 for cost and \$317,600 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JQ</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
BAC.0706	R22084	52241110200	\$3,000	Complete
GM.3174	M1791	992-16-04-05	750,000	Partial

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2	
2. AMENDMENT/MODIFICATION NO. <b>20</b>	3. EFFECTIVE DATE	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
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705		(x)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO.  <b>NAS1-20431</b>	
			10B. DATED (SEE ITEM 13)  <b>1/1/95</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 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 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. 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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) <b>CAROLYN A. WELLS CONTRACTING OFFICER</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED <b>DEC 09 1995</b>
(Signature of person authorized to sign)			

FILE

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,547,380. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through April 21, 1997.

(b) An additional amount of \$348,840 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15 -	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Total	<u>\$9,501,000</u>	<u>\$475,000</u>	<u>\$9,976,000</u>	<u>\$7,896,220</u>

\*Total includes \$7,547,380 for cost and \$348,840 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
CCC.0643	R19502	225-12-02-10	\$ 20,000	Complete
D.1270	R19908	509-10-11-05	696,600	Complete
DFL.1274	R22076	522-11-51-02	15,000	Complete
DFM.1129	R22187	538-03-13-02	20,000	Complete
GHF.1107	M3237	992-20-03-31	20,200	Complete



**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 21  
3. EFFECTIVE DATE DEC 20 1995  
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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Computer Sciences Corporation  
System Sciences Division  
4061 Powder Mill Road, Suite 700  
Calverton, MD 20705  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
X NAS1-20431  
10B. DATED (SEE ITEM 13)  
1/1/95  
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)  
See page 2.

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

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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  
(Signature of person authorized to sign)  
15C. DATE SIGNED  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
CAROLYN A. WELLS  
CONTRACTING OFFICER  
16B. UNITED STATES OF AMERICA  
BY *Carolyn A. Wells*  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
12-20-96

FILE COPY

"B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$7,656,185. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through April 24, 1997.

(b) An additional amount of \$353,430 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Total	<u>\$9,501,000</u>	<u>\$475,000</u>	<u>\$9,976,000</u>	<u>\$8,009,615</u>

\*Total includes \$7,656,185 for cost and \$353,430 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GN.1239	R19887	50564131100	\$ 19,000	Complete
GN.1239	R20886	50564131200	8,600	Complete
GN.1239	R21940	52214310200	85,795	Complete

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. <b>22</b>	3. EFFECTIVE DATE <b>FEB 21 1997</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)	(x)	9A. AMENDMENT OF SOLICITATION NO.
Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
	X	10B. DATED (SEE ITEM 13) <b>1/1/95</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;
- (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 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. 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 add incremental funding to the contract pursuant to the Contract Funding clause and to update the DD Form 254. Accordingly, the following change is hereby made:

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)	
		SANDRA M. GLENN CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY <u>Sandra Glenn</u> (Signature of Contracting Officer)	2/21/97

**FILE COPY**

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$8,112,470. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through June 17, 1997.

(b) An additional amount of \$377,445 is obligated under this contract for payment of fee."

2. Section J of the contract schedule, Exhibit B - Contract Security Classification Specification, DD Form 254, is hereby replaced with Revision #2, reflecting the Contractor's Maryland address because this is where the clearance is held.

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Total	\$9,501,000	\$475,000	\$9,976,000	\$8,489,915

\*Total includes \$8,112,470 for cost and \$377,445 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
DAB.1008	R19554	242-80-01-01	\$20,000	Complete
DFL.1322	R22081	522-31-11-03	8,000	Complete
DFN.1083	H15244	537-09-20-23	30,000	Complete
GF.1260	M1864	992-14-04-02	40,000	Complete
GF.1267	A5525	284-20-02-51	200,000	Complete
GKE.0827	R19502	225-12-02-10	15,000	Complete

GKE.0847	R22363	947-71-00-50	27,300	Complete
GMF.3344	M3048	992-30-10-26	41,000	Complete
CCC.0651	R19503	225-12-02-10	99,000	Complete
TOTAL			\$480,300	

# EXHIBIT B

<b>DEPARTMENT OF DEFENSE</b> <b>CONTRACT SECURITY CLASSIFICATION SPECIFICATION</b> <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i>				<b>1. CLEARANCE AND SAFEGUARDING</b> a. FACILITY CLEARANCE REQUIRED <b>SECRET</b> b. LEVEL OF SAFEGUARDING REQUIRED <b>NONE</b>		
THIS SPECIFICATION IS FOR: <i>(X and complete as applicable)</i>			3. THIS SPECIFICATION IS: <i>(X and complete as applicable)</i>			
X	a. PRIME CONTRACT NUMBER <b>NAS1-20431</b>	X	a. ORIGINAL <i>(Complete date in all cases)</i>		Date (YYMMDD) <b>94-12-07</b>	
	b. SUBCONTRACT NUMBER	X	b. REVISED <i>(Supersedes all previous specs)</i>	Revision No. <b>REV #2</b>	Date (YYMMDD) <b>96-01-24</b>	
	c. SOLICITATION OR OTHER NUMBER		c. FINAL <i>(Complete item 5 in all cases)</i>		Date (YYMMDD)	
IS THIS A FOLLOW-ON CONTRACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO    If Yes, complete the following: Classified material received or generated under _____ <i>(Preceding Contract Number)</i> is transferred to the follow-on contract.						
IS THIS A FINAL DD FORM 2547 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO    If Yes, complete the following: In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____.						
<b>CONTRACTOR</b> <i>(Include Commercial and Government Entity (CAGE) Code)</i>						
NAME, ADDRESS, AND ZIP CODE		b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>			
<b>COMPUTER SCIENCES CORPORATION</b> <b>3061 POWDER MILL ROAD</b> <b>CALVERTON, MARYLAND 20705</b>		<b>6A051</b>	<b>DEFENSE INVESTIGATIVE SERVICES</b> <b>DIRECTOR OF INDUSTRIAL SECURITY</b> <b>2461 EISENHOWER AVENUE</b> <b>ALEXANDRIA VA 22331-1211</b>			
<b>SUBCONTRACTOR</b>						
NAME, ADDRESS, AND ZIP CODE		b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>			
<b>ACTUAL PERFORMANCE</b>						
LOCATION		b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i>			
<b>NASA LANGLEY RESEARCH CENTER</b> <b>BUILDING 1268 A</b> <b>HAMPTON, VA. 23681-0001</b>						
<b>GENERAL IDENTIFICATION OF THIS PROCUREMENT</b>						
<b>COMPUTATIONAL ANALYSIS AND PROGRAMING SUPPORT SERVICES</b>						
<b>9. THIS CONTRACT WILL REQUIRE ACCESS TO:</b>						
	YES	NO	<b>11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:</b>		YES	NO
1. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		X	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY		X	
2. RESTRICTED DATA		X	b. RECEIVE CLASSIFIED DOCUMENTS ONLY			X
3. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		X	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL			X
4. FORMERLY RESTRICTED DATA		X	d. FABRICATE, MODIFY OR STORE CLASSIFIED HARDWARE			X
5. INTELLIGENCE INFORMATION:			e. PERFORM SERVICES ONLY		X	
(1) Sensitive Compartmented Information (SCI)		X	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., OUTSIDE U.S. POSSESSIONS AND TRUST TERRITORIES			X
(2) Non-SCI		X	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER			X
SPECIAL ACCESS INFORMATION		X	h. REQUIRE A COMSEC ACCOUNT			X
NATO INFORMATION		X	i. HAVE TEMPEST REQUIREMENTS			X
FOREIGN GOVERNMENT INFORMATION		X	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS			X
LIMITED DISSEMINATION INFORMATION		X	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE			X
FOR OFFICIAL USE ONLY INFORMATION		X	l. OTHER <i>(Specify)</i>			
OTHER <i>(Specify)</i>						

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT NUMBER	2. CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 23		3. EFFECTIVE DATE 3/18/97		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)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
			10B. DATED (SEE ITEM 13) 1/1/95
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)**

See page 2.

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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)	
		SANDRA M. GLENN CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY <i>Sandra Glenn</i> (Signature of Contracting Officer)	9/18/97

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

**FILE COPY**

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$9,043,470. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through September 26, 1997.

(b) An additional amount of \$426,445 is obligated under this contract for payment of fee."

\*\*\*\*\*

CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	<u>980,000</u>	<u>980,000</u>
Total	\$9,501,000	\$475,000	\$9,976,000	\$9,469,915

\*Total includes \$9,043,470 for cost and \$426,445 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GM.3174	M1791	992-16-04-05	\$928,000	(complete)
CAB.1581	R19513	229-01-02-10	\$52,000	(complete)
<b>TOTAL</b>			<b>\$980,000</b>	



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 24	3. EFFECTIVE DATE 5/28/97	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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 1/1/95

**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)  
See page 2.

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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) SANDRA M. GLENN CONTRACTING OFFICER
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY <u>Sandra Glenn</u> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 5-28-97

**FILE COPY**

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$9,175,795. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through September 26, 1997.

(b) An additional amount of \$433,410 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0*	980,000
Mod. 24	0	0	0	139,290
Total	\$9,501,000	\$475,000	\$9,976,000	**\$9,609,205

\*Corrected - \$980,000 on Mod 23 was in error.

\*\*Total includes \$9,175,795 for cost and \$433,410 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
DCM.1192	R22091	548-10-11-01	\$26,390	COMPLETE
DFL.1376	R22037	522-31-11-03	2,000	COMPLETE
DIH.1367	R22278	258-70-21-16	14,000	COMPLETE
GKE.0933	R22507	622-38-01-70	10,000	COMPLETE
GKE.0938	M2001	992-35-05-04	8,000	COMPLETE
GMJ.3015	R22182	522-31-21-01	8,900	COMPLETE
GN.1268	R21940	522-14-31-02	\$70,000	COMPLETE
TOTAL			\$139,290	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 25	3. EFFECTIVE DATE July 30, 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	7. ADMINISTERED BY (if other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  NAS1-20431
		10B. DATED (SEE ITEM 13)  1/1/95
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)  
See page 2.

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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:
	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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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) SANDRA M. GLENN CONTRACTING OFFICER
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>Sandra Glenn</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 7/30/97

**FILE COPY**

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$9,379,637 This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through October 28, 1997.

(b) An additional amount of \$444,128 is obligated under this contract for payment of fee."

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

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 9	\$6,267,000	\$313,000	\$6,580,000	\$3,909,437
Mod. 10	0	0	0	410,200
Mod. 11	0	0	0	146,832
Mod. 12	0	0	0	558,594
Mod. 13	0	0	0	37,900
Mod. 14	0	0	0	1,424,517
Mod. 15	0	0	0	-203,500
Mod. 16	0	0	0	60,440
Mod. 17	0	0	0	27,000
Mod. 18	3,234,000	162,000	3,396,000	0
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Total	\$9,501,000	\$475,000	\$9,976,000	*\$9,823,765

\*Total includes \$9,379,637 for cost and \$444,128 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
CCC.0663	R22476	226-12-13-10	\$36,000	COMPLETE
DAA.1940	R21743	538-05-14-01	12,600	COMPLETE
DFC.3491	R20957	538-07-15-10	5,000	COMPLETE
DFM.1194	R21743	538-05-14-01	30,000	COMPLETE
DFM.1197	H2313A	538-03-11-01	6,160	COMPLETE
GHF.1140	M3237	992-20-03-31	24,800	COMPLETE
GKE.0964	R19504	225-12-02-10	10,000	COMPLETE
GN.1278	R21940	522-14-31-02	50,000	COMPLETE
LA.1044	R21860	522-51-21-10	40,000	COMPLETE
TOTAL			\$214,560	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 26	3. EFFECTIVE DATE 9/23/97	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)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  NAS1-20431
		10B. DATED (SEE ITEM 13)  1/1/95
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)  
See page 3

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement
X	D. OTHER (Specify type of modification and authority) Section H, H.3 Options

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 reduce incremental funding to the contract pursuant to the Contract Funding clause, update the data rights clause and exercise the third option period. Accordingly, the following changes are hereby made:

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) IRENE MANFORD MANAGER OF CONTRACTS		15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SANDRA M. GLENN CONTRACTING OFFICER	
15B. CONTRACTOR/OFFICER <i>Irene Manford</i> (Signature of person authorized to sign)	15C. DATE SIGNED 9/23/97	15B. UNITED STATES OF AMERICA BY <i>Sandra Glenn</i> (Signature of Contracting Officer)	15C. DATE SIGNED 9/23/97

FILE COPY

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,323,587. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through October 28, 1997.

(b) An additional amount of \$441,178 is obligated under this contract for payment of fee."

2. Section B, B-5 Level-of-Effort, Paragraph A, is hereby replaced with the following to include 96,370 hours added for the third option period.

"B.5 LEVEL OF EFFORT

A. In the performance of work under this contract, the Level-of-Effort (LOE) that the Contractor is obligated to provide is up to 385,480 direct labor hours as defined in Paragraph B below."

3. Section B, B.3, Estimated Cost and Fixed Fee is hereby replaced with the following to include the cost and fixed fee associated with the exercise of the third option period. The increase in the cost is \$3,296,000 and the increase in the fixed fee is \$165,000.

"B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.212-74) (DEC 1991)

The estimated cost of this contract is \$12,797,000, exclusive of the fixed fee of \$640,000. The total estimated cost and fixed fee is \$13,437,000."

4. Section F, F.2 Period of Performance, is hereby replaced with the following:

"F.2 PERIOD OF PERFORMANCE (NASA 18-52.212-74) (DEC 1988)

The period of performance of this contract shall be 48 months from the effective date of the contract."

5. Section I CONTRACT CLAUSES, Clause 52.227-14, Rights In Data—General (JUN 1987)—as modified by NASA FAR Supplement 18-52.227-14, subparagraph (3) of paragraph (d) is hereby modified to read as follows:

"(3)(i) The Contractor agrees not to establish claim to copyright, publish or release to others any computer software first produced in the performance of this contract without the Contracting Officer's prior written permission.

(ii) If the Government desires to obtain copyright in computer software first produced in the performance of this contract and permission has not been granted as set forth in paragraph (d)(3)(i) of this clause, the Contracting Officer may direct the contractor to assert, or authorize the assertion of, claim to copyright in such data and to assign, or obtain the assignment of, such copyright to the Government or its designated assignee.

(iii) Whenever the word "establish" is used in this clause, with reference to a claim to copyright, it shall be construed to mean "assert". \*

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
TOTAL	\$12,797,000	\$640,000	\$13,437,000	*\$9,764,765

\*Total includes \$9,323,587 for cost and \$441,178 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
D.1304	R19908	509-10-11-05	\$ 5,000	(COMPLETE)
D.1304	R19911	509-10-31-02	22,000	(COMPLETE)
D.1304	R19912	509-10-31-03	14,000	(COMPLETE)
GM.3174	M1791	992-16-04-05	(100,000)	(PARTIAL)
TOTAL			(\$59,000)	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 27	3. EFFECTIVE DATE 9/30/97	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)  Computer Sciences Corporation System Sciences Division 4061 Powder Mill Road, Suite 700 Calverton, MD 20705	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  NAS1-20431
		10B. DATED (SEE ITEM 13)  1/1/95
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)  
See page 2.

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following change is hereby made:

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) SANDRA M. GLENN CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Sandra Glenn</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9/30/97

**FILE COPY**



1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$9,545,133. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through November 25, 1997.

(b) An additional amount of \$452,838 is obligated under this contract for payment of fee."

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
TOTAL	\$12,797,000	\$640,000	\$13,437,000	*\$9,797,971

\*Total includes \$9,545,133 for cost and \$452,838 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
DFB.3758	H2342S	53803140100	\$8,400	(COMPLETE)
GF.1291	A5525	28420025100	3,200	(COMPLETE)
GF.1291	A5569	28420026100	\$62,840	(COMPLETE)
E.1755	R23019	24320120100	140,766	(COMPLETE)
CCC.0670	R23019	22612131000	18,000	(COMPLETE)
TOTAL			\$233,206	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. <b>28</b>	3. EFFECTIVE DATE <b>11/19/97</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)  Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel, MD 20707	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13)  <b>1/1/95</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 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 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. 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 add incremental funding to the contract pursuant to the Contract Funding clause, to correct a typographical error in the Funding column in the Contract Tabulation Section of Modification No. 27, and to change the Contractor's business address. Accordingly, the following changes are hereby made:

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) <b>SANDRA M. GLENN CONTRACTING OFFICER</b>
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY <i>Sandra Glenn</i> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED <b>11/19/97</b>

1. The total amount of \$9,797,971 in the Funding column of the Contract Tabulation section of Modification No. 27 is hereby corrected to read \$9,997,971.
2. The Contractor's business address is changed to the address reflected in Block 8 above.
3. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$10,021,463. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through December 26, 1997.

(b) An additional amount of \$477,908 is obligated under this contract for payment of fee."

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
Mod. 28	0	0	0	501,400
<b>TOTAL</b>	<b>\$12,797,000</b>	<b>\$640,000</b>	<b>\$13,437,000</b>	<b>*\$10,499,371</b>

\*Total includes \$10,021,463 for cost and \$477,908 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
DFM.1209	R22187	53803130200	\$ 20,000	(COMPLETE)
DAA.1976	R22892	58110110100	15,400	(COMPLETE)
GN.1304	R21940	52214310200	150,000	(COMPLETE)
DIH.1399	R22278	25870211600	20,000	(COMPLETE)
GM.4164	M1791	99216040500	216,000	(COMPLETE)
DFM.1225	H2321A	53803120100	50,000	(COMPLETE)
DFM.1238	R22942	53814140100	30,000	(COMPLETE)
<b>TOTAL</b>			<b>\$501,400</b>	

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. <b>29</b>		3. EFFECTIVE DATE <b>12/18/97</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		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel, MD 20707	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13)  <b>1/1/95</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 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 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. 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made:

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>SANDRA M. GLENN CONTRACTING OFFICER</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Sandra Glenn</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>12/18/97</b>
(Signature of person authorized to sign)			

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$11,506,218. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through May 21, 1998.

(b) An additional amount of \$556,053 is obligated under this contract for payment of fee."

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
Mod. 28	0	0	0	501,400
Mod. 29	0	0	0	<u>1,562,900</u>
TOTAL	\$12,797,000	\$640,000	\$13,437,000	*\$12,062,271

\*Total includes \$1,484,755 for cost and \$78,145 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
CCC.0671	R22476	226-12-13-10	\$188,000	(COMPLETE)
D.1316	R19908	509-10-11-05	465,000	(COMPLETE)
D.1318	R22360	332-41-00-01	45,000	(COMPLETE)
GF.1302	C975203	975-24-02-00	110,000	(COMPLETE)
GHF.1164	M1328	992-35-12-11	10,000	(COMPLETE)
GLC.4818	M3116	992-35-15-09	3,400	(COMPLETE)
GM.4169	M1791	992-16-04-05	731,500	(COMPLETE)
GML.1223	A5581	282-30-02-05	<u>10,000</u>	(COMPLETE)
TOTAL			<b>\$1,562,900</b>	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT. JDE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 30	3. EFFECTIVE DATE <b>FEB 17 1998</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		7. ADMINISTERED BY (If other than Item 6) CODE	

EXECUTED BY BOTH PARTIES

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel, MD 20707	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  NAS1-20431
		10B. DATED (SEE ITEM 13)  1/1/95

**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)  
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: 52.243-2 Changes—Cost-Reimbursement (AUG 1987) Alternate II (APR 1984)
	D. OTHER (Specify type of modification and authority)

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

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 the requirement for Year 2000 Compatibility to the contract. Accordingly, the following change is hereby made:

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SANDRA M. GLENN CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED <b>FEB 17 1998</b>
(Signature of person authorized to sign)		BY <b>ORIGINAL SIGNED BY</b> (Signature of Contracting Officer)	

1. The following clause is hereby added as H.13 to the contract schedule:

"Year 2000 Compatibility for Computer Hardware and Software

From the date of incorporation of this modification forward, the information technology items or services acquired under this contract are required to include accurate processing of the date and date-related data including, but not limited to, calculating, comparing, sequencing, and the manipulation of data with dates prior to, through, and beyond January 1, 2000. This capability must be included in all hardware and software products delivered under this contract, or used to perform services under this contract, individually and in combination, and shall be transparent to the user. Hardware and software products provided under this contract, and used to perform services under this contract, shall individually, and in combination, be able to successfully transition into the Year 2000 with the correct system date, including leap year calculations, without human intervention. Such products shall also provide correct results when moving forward and backward in time across the Year 2000 and subsequent years."

All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
Mod. 28	0	0	0	501,400
Mod. 29	0	0	0	1,562,900
Mod. 30	0	0	0	0
<b>TOTAL</b>	<u>\$12,797,000</u>	<u>\$640,000</u>	<u>\$13,437,000</u>	<u>*\$12,062,271</u>

\*Total includes \$1,484,755 for cost and \$78,145 for fee.

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. <b>31</b>		3. EFFECTIVE DATE <b>2/17/98</b>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</b>		7. ADMINISTERED BY (If other than Item 6)		CODE			

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) <b>Computer Sciences Corporation System Sciences Division 1100 West Street, 5<sup>th</sup> Floor Laurel, MD 20707</b>		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20431</b>
			10B. DATED (SEE ITEM 13) <b>1/1/95</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 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 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. 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 add incremental funding to the contract pursuant to the Contract Funding clause and to update the DD 254. Accordingly, the following changes are hereby made:

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>SANDRA M. GLENN CONTRACTING OFFICER</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Sandra Glenn</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>2/17/98</b>
(Signature of person authorized to sign)			



1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$12,374,898. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through July 17, 1998.

(b) An additional amount of \$601,773 is obligated under this contract for payment of fee."

2. Section J of the contract schedule, Exhibit B - Contract Security Classification Specification, DD Form 254, is hereby replaced with the attached Revision #3, reflecting the Contractor's new address and a change to Block 12, public release.

All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
Mod. 28	0	0	0	501,400
Mod. 29	0	0	0	1,562,900
Mod. 30	0	0	0	0
Mod. 31	0	0	0	914,400
<b>TOTAL</b>	<b>\$12,797,000</b>	<b>\$640,000</b>	<b>\$13,437,000</b>	<b>\$12,976,671</b>

\*Total includes \$12,374,898 for cost and \$601,773 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
DAB.1079	R22900	242-80-01-01	\$ 29,400	(COMPLETE)
DCP.1219	R22895	522-19-11-01	150,000	(COMPLETE)
DFC.3598	R20956	538-07-14-10	30,000	(COMPLETE)
DIH.1425	R23245	274-00-98-01	10,000	(COMPLETE)
E.1784	R23251	252-20-01-01	600,000	(COMPLETE)
GKE.1025	R19868	618-32-33-01	10,000	(COMPLETE)
GKE.1025	R22671	622-33-28-07	7,360	(COMPLETE)
GKE.1025	R22504	622-63-13-70	15,000	(COMPLETE)
GKE.1025	R19868	618-32-33-01	17,640	(COMPLETE)
GMJ.3116	R23200	519-20-21-01	<u>\$45,000</u>	(COMPLETE)
<b>TOTAL</b>			<b>\$914,400</b>	

# EXHIBIT B

## DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION

*(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)*

### 1. CLEARANCE AND SAFEGUARDING

a. FACILITY CLEARANCE REQUIRED

**SECRET**

b. LEVEL OF SAFEGUARDING REQUIRED

**NONE**

<b>2. THIS SPECIFICATION IS FOR:</b> <small>(X and complete as applicable)</small>		<b>3. THIS SPECIFICATION IS:</b> <small>(X and complete as applicable)</small>	
<b>X</b>	a. PRIME CONTRACT NUMBER <b>NAS1-20431</b>	<b>X</b>	a. ORIGINAL <small>(Complete date in all cases)</small> <b>94-12-07</b> Date (YYMMDD)
	b. SUBCONTRACT NUMBER	<b>X</b>	b. REVISED <small>(Supersedes all previous specs)</small> Revision No. <b>REV #3</b> Date (YYMMDD) <b>97/01/24</b>
	c. SOLICITATION OR OTHER NUMBER		c. FINAL <small>(Complete Item 5 in all cases)</small> Date (YYMMDD)
	Due Date (YYMMDD)		

4. IS THIS A FOLLOW-ON CONTRACT?  YES  NO If Yes, complete the following:  
Classified material received or generated under \_\_\_\_\_ (Preceding Contract Number) is transferred to the follow-on contract.

5. IS THIS A FINAL DD FORM 254?  YES  NO If Yes, complete the following:  
In response to the contractor's request dated \_\_\_\_\_, retention of the identified classified material is authorized for the period of \_\_\_\_\_

<b>6. CONTRACTOR</b> <small>(Include Commercial and Government Entity (CAGE) Code)</small>		
a. NAME, ADDRESS, AND ZIP CODE <b>COMPUTER SCIENCES CORPORATION 1100 West Street Laurel Md. 20707</b>	b. CAGE CODE <b>6A051</b>	c. COGNIZANT SECURITY OFFICE <small>(Name, Address, and Zip Code)</small> <b>DEFENSE INVESTIGATIVE SERVICES DIRECTOR OF INDUSTRIAL SECURITY 2461 EISENHOWER AVENUE ALEXANDRIA VA 22331-1211</b>

<b>7. SUBCONTRACTOR</b>		
a. NAME, ADDRESS, AND ZIP CODE	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <small>(Name, Address, and Zip Code)</small>

<b>8. ACTUAL PERFORMANCE</b>		
a. LOCATION <b>NASA LANGLEY RESEARCH CENTER BUILDING 1268 A HAMPTON, VA. 23681-0001</b>	b. CAGE CODE	c. COGNIZANT SECURITY OFFICE <small>(Name, Address, and Zip Code)</small>

**9. GENERAL IDENTIFICATION OF THIS PROCUREMENT**

**COMPUTATIONAL ANALYSIS AND PROGRAMING SUPPORT SERVICES**

10. THIS CONTRACT WILL REQUIRE ACCESS TO:	YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	YES
1. COMMUNICATIONS SECURITY COMSEC INFORMATION		<b>X</b>	1. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	<b>X</b>
2. RESTRICTED DATA		<b>X</b>	2. RECEIVE CLASSIFIED DOCUMENTS ONLY	
3. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		<b>X</b>	3. RECEIVE AND GENERATE CLASSIFIED MATERIAL	
4. FORMERLY RESTRICTED DATA		<b>X</b>	4. FABRICATE, MODIFY OR STORE CLASSIFIED HARDWARE	
5. INTELLIGENCE INFORMATION:			5. PERFORM SERVICES ONLY	<b>X</b>
(1) Sensitive Compartmented Information (SCI)		<b>X</b>	6. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	
(2) Non-SCI		<b>X</b>	7. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	
6. SPECIAL ACCESS INFORMATION		<b>X</b>	8. REQUIRE A COMSEC ACCOUNT	
7. NATO INFORMATION		<b>X</b>	9. HAVE TEMPEST REQUIREMENTS	
8. FOREIGN GOVERNMENT INFORMATION		<b>X</b>	10. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	
9. LIMITED DISSEMINATION INFORMATION		<b>X</b>	11. BE AUTHORIZED TO USE THE DEFENSE TOURIER SERVICE	
10. FOR OFFICIAL USE ONLY INFORMATION		<b>X</b>	OTHER Security:	
11. OTHER Security				

# EXHIBIT B

**12. PUBLIC RELEASE.** Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U. S. Government authority. Proposed public release shall be submitted for approval.

Direct  Through (Specify):

**NASA LANGLEY RESEARCH CENTER, M/S 126, HAMPTON VA. 23681-0001" ATTN: Sandra Glenn**

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)\* for review.  
 \*In the case of non-DOD User Agencies, requests for disclosure shall be submitted by that agency.

**13. SECURITY GUIDANCE.** The security classification guidance needed for the classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance of the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

**CLASSIFIED WORK ON THIS CONTRACT WILL BE PERFORMED AT GOVERNMENT FACILITIES WHERE CLASSIFICATION GUIDANCE WILL BE PROVIDED AS NECESSARY.**

**14. ADDITIONAL SECURITY REQUIREMENTS.** Requirements, in addition to ISM requirements, are established for this contract. (If yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies additional requirements. Provide a copy of the requirements to the cognizant security office. Use item 13 if additional space is needed.)  YES

**15. INSPECTIONS.** Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use item 13 if additional space is needed.)  YES

**16. CERTIFICATION AND SIGNATURE.** Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

<b>a. TYPED NAME OF CERTIFYING OFFICIAL</b> Sam A. Harvey	<b>b. TITLE</b> Program Security Team Leader	<b>c. TELEPHONE (Include Area Code)</b> 757-864-6507
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<b>d. ADDRESS (Include Zip Code)</b> NASA LANGLEY RESEARCH CENTER M/S 182 HAMPTON VA. 23681-0001	<b>17. REQUIRED DISTRIBUTION</b> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10px; text-align: center;"><input checked="" type="checkbox"/></td><td>1. CONTRACTOR</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>2. SUBCONTRACTOR</td></tr> <tr><td style="text-align: center;"><input checked="" type="checkbox"/></td><td>3. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>4. U. S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION</td></tr> <tr><td style="text-align: center;"><input checked="" type="checkbox"/></td><td>5. ADMINISTRATIVE CONTRACTING OFFICER</td></tr> <tr><td style="text-align: center;"><input type="checkbox"/></td><td>6. OTHERS AS NECESSARY</td></tr> </table>	<input checked="" type="checkbox"/>	1. CONTRACTOR	<input type="checkbox"/>	2. SUBCONTRACTOR	<input checked="" type="checkbox"/>	3. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR	<input type="checkbox"/>	4. U. S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION	<input checked="" type="checkbox"/>	5. ADMINISTRATIVE CONTRACTING OFFICER	<input type="checkbox"/>	6. OTHERS AS NECESSARY
<input checked="" type="checkbox"/>	1. CONTRACTOR												
<input type="checkbox"/>	2. SUBCONTRACTOR												
<input checked="" type="checkbox"/>	3. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR												
<input type="checkbox"/>	4. U. S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION												
<input checked="" type="checkbox"/>	5. ADMINISTRATIVE CONTRACTING OFFICER												
<input type="checkbox"/>	6. OTHERS AS NECESSARY												
<b>e. SIGNATURE</b> 													

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. <b>32</b>		3. EFFECTIVE DATE <b>2/23/98</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		7. ADMINISTERED BY (If other than Item 6)		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel, MD 20707	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO.  <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13)  <b>1/1/95</b>

**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)  
See page 2

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made:

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) <b>SANDRA M. GLENN CONTRACTING OFFICER</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Sandra Glenn</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>2/23/98</b>

**FILE COPY**

1. "B. 2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contact is \$12,568,413. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through August 3, 1998.

(b) An additional amount of \$611,958 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
Mod. 28	0	0	0	501,400
Mod. 29	0	0	0	1,562,900
Mod. 30	0	0	0	0
Mod. 31	0	0	0	914,400
Mod. 32	0	0	0	203,700
TOTAL	\$12,797,000	\$640,000	\$13,437,000	\$13,180,371

\*Total includes \$12,568,413 for cost and \$611,958 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR</u>	<u>JO</u>	<u>RTR</u>	<u>AMOUNT</u>	<u>STATUS</u>
GML.1236	M3049	992-30-10-26-00	\$ 18,400	(COMPLETE)
GML.1236	M3691	992-20-03-31-00	164,100	(COMPLETE)
GML.1236	R22921	522-31-21-33-00	15,600	(COMPLETE)
DAA.1960	H15208	537-07-72-24-00	5,600	(COMPLETE)
TOTAL			\$203,700	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE		PAGE OF PAGES 1   3	
2. AMENDMENT/MODIFICATION NO. 33		3. EFFECTIVE DATE 3/19/98		4. REQUISITION/PURCHASE REQ. NO.	
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE		5. PROJECT NO. (If applicable)	
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.
Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel, MD 20707			9B. DATED (SEE ITEM 11)
CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
FACILITY CODE			10B. DATED (SEE ITEM 13) 1/1/95

**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 page 3

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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 add incremental funding to the contract pursuant to the Contract Funding clause and to replace paragraph G.1, Submission of Vouchers for Payment, to provide for direct submission of cost and fee vouchers to NASA LaRC's paying office for payment.

Accordingly, the contract is hereby changed as follows:

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		SANDRA M. GLENN CONTRACTING OFFICER	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY <u>Sandra Glenn</u> (Signature of Contracting Officer)	3/19/98

**FILE COPY**

1. Paragraph G.1, Submission Of Vouchers For Payment, is hereby deleted and replaced with the following:

**\*G.1. 1852.216-87 SUBMISSION OF VOUCHERS FOR PAYMENT (OCT 1997)**

(a) Public vouchers for payment of costs shall include a reference to this contract NAS1-20431, and be forwarded to:

NASA Langley Research Center  
Attn: Financial Management Division, MS 175  
Hampton, VA 23681-2199

This is the designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract.

(b) The Contractor shall prepare vouchers as follows:

(1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment.

(2) Five copies of SF 1034A, SF 1035A, or equivalent Contractor's attachment.

(3) The Contractor shall mark SF 1034A copies 1, 2, 3, 4, and such other copies as may be directed by the Contracting Officer by insertion in the memorandum block the names and addresses as follows:

(i) Copy 1 NASA Contracting Officer;

(ii) Copy 2 Auditor (for firms authorized for direct submission of vouchers, the first and last voucher only shall be provided),

(iii) Copy 3 Contractor;

(iv) Copy 4 Contract administration office (if any); and

(v) Copy 5 Project management office.

(4) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(c) Public vouchers for payment of fee shall be prepared similarly and be forwarded to:

NASA Langley Research Center  
Attn: Financial Management Division, MS 175  
Hampton, VA 23681-2199

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

(d) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate voucher for the amount withheld will be required before payment for that amount may be made.

**2. \*B. 2CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)**

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,812,211. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through August 18, 1998.

(b) An additional amount of \$624,789 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod. 19	0	0	0	753,000
Mod. 20	0	0	0	771,800
Mod. 21	0	0	0	113,395
Mod. 22	0	0	0	480,300
Mod. 23	0	0	0	980,000
Mod. 24	0	0	0	139,290
Mod. 25	0	0	0	214,560
Mod. 26	\$3,296,000	\$165,000	\$3,461,000	(59,000)
Mod. 27	0	0	0	233,206
Mod. 28	0	0	0	501,400
Mod. 29	0	0	0	1,562,900
Mod. 30	0	0	0	0
Mod. 31	0	0	0	914,400
Mod. 32	0	0	0	203,700
Mod. 33	0	0	0	256,629
TOTAL	\$12,797,000	\$640,000	\$13,437,000	\$13,437,000

\*Total includes \$12,812,211 for cost and \$624,789 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>Amount</u>	<u>Complete</u>
DCK.1136	98	522-32-41-03	R23001	\$3,600	Complete
DCO.1165	98	538-04-11-11	R20895	\$40,000	Complete
GKE.1036	98	537-09-20-04	H15068	\$10,000	Complete
GM.4191	98	992-16-04-05	M1791	\$152,529	Complete
GMK.3098	98	509-10-31-03	R19912	\$25,250	Complete
GMK.3098	98	323-08-01-04	R23336	\$25,250	Complete
Total				\$256,629	



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGE(S) 1 3

2. AMENDMENT/MODIFICATION NO. 34 3. EFFECTIVE DATE 5/26/98 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (if applicable)

6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199 7. ADMINISTERED BY (if other than item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code) Computer Sciences Corporation System Sciences Division 1100 West Street, 5th Floor Laurel MD 20707 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431 10B. DATED (SEE ITEM 13) 1/1/95

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 one (1) copy 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 DATA 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 Page 3

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

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

E. IMPORTANT: Contractor X 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 provisionally increase the estimated cost of the contract by \$1,173,280 and increase the funding by \$1,158,069 pending completion of negotiations and award of a definitizing modification to partially fund a cost growth covered by CSC cost growth Proposal No. IMCZ00404, dated April 15, 1998. Pursuant to contract clause B.2, Contract Funding, the total allotment for purposes of payment of cost is increased by \$1,158,069. The total period for cost reimbursement through October 23, 1998.

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

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MANAGER OF CONTRACTS 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOAN Y. CREPPS 15B. CONTRACTOR/OFFEROR Signature of person authorized to sign 15C. DATE SIGNED 6/1/98 16B. UNITED STATES OF AMERICA BY Signature of Contracting Officer 16C. DATE SIGNED 6/5/98

1. B.2. CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds Clause, the total amount allotted by the Government to this contract is \$13,970,280. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: Through October 23, 1998.

(b) An additional amount of \$624,789 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged

2. B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74) (DEC 91)

The estimated cost for services identified in Section C, Statement of Work, is \$13,970,280, exclusive of the fixed fee of \$640,000. The total cost plus fixed fee is not to exceed \$14,610,280.

.....  
 CONTRACT TABULATION

	Estimated Cost	Fixed Fee	CPFF	Funding*
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	<u>1,173,280</u>	<u>0</u>	<u>1,173,280</u>	<u>1,158,069</u>
TOTAL	\$13,970,280	\$640,000	\$14,610,280	\$14,595,069

\*Total includes \$13,970,280 for cost and 624,789 for fee.

**ACCOUNTING AND APPROPRIATION DATA**

<b><u>PR No.</u></b>	<b><u>PY</u></b>	<b><u>RTR</u></b>	<b><u>Amount</u></b>	<b><u>Complete</u></b>
A.2059	98	992-10-01-9000	\$ 60,000	Complete
DAA.2000	98	538-14-14-0100	11,550	Complete
DFM.1270	98	538-03-13-0200	2,000	Complete
GF.1311	98	284-20-02-6500	500,000	Complete
GM.4193	98	992-16-04-0500	503,319	Complete
GML.1240	98	519-10-51-0100	66,000	Complete
IA.1012	98	537-05-21-0100	<u>15,200</u>	Complete
<b>Total</b>			<b>\$1,158,069</b>	

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 35		3. EFFECTIVE DATE 8/6/98	4. REQUISITION/PURCHASE REQ. NO. See Page 3	1. CONTRACT ID CODE	PAGE OF PAGE(S) 1 3
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199			7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code) Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel, MD 20707		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
			10B. DATED (SEE ITEM 13) 1/1/95

**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 one (1) copy 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 DATA 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 data 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. See Page 3
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER Specify type of modification and authority) Section H, H.3. Option

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 to increase the contract level of effort for the Third Option Period and to incrementally fund the contract. As a result, the following changes are made:

A. Section B, B.5, Level of Effort, paragraph A. is hereby replaced by the following to include 33,750 hours added for the third option period:

1. In the performance of work under this contract, the Level-of-Effort (LOE) that the contractor is obligated to provide is up to 419,230 direct labor hours as defined in Paragraph 2 below.

(continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOAN Y. CREPPS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Joan Y. Crepps</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8/6/98
(Signature of person authorized to sign)			

B. Section B, B.3, Estimated Cost and Fixed Fee is hereby replaced by the following to include the cost and fee associated with the exercise of the 3<sup>rd</sup> option period for increased hours. The increase in the cost is "\$984,488". and the increase in the fee is "\$49,275."

"B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74) (DEC 91)

The estimated cost of this contract is \$14,954,768 exclusive of the fixed fee of \$689,275. The total estimated cost and fixed fee is \$15,644,043."

C. Section B, B.2, CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990) – An additional amount of \$219,735 has been added for payment of cost. An additional amount of \$11,565 has been added for payment of fee.

"(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 \$14,190,015. This allotment is for Computational Analysis and Programming Support Services and covers the period of performance: Through October 26, 1998.

(b) An additional amount of \$636,354 is obligated under this contract for payment of fee."

D. All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod3 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	<u>984,488</u>	<u>49,275</u>	<u>1,033,763</u>	<u>231,300</u>
Total	\$14,954,768	\$689,275	\$15,644,043	\$14,826,369

\*Total includes \$14,190,015 for cost and \$636,354 for fee.

ACCOUNTING AND APPROPRIATION DATA

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>AMOUNT</u>	<u>COMPLETE</u>
DAB.1092	98	242-33-01-04	R22910	\$ 5,000	Complete
DAB.1092	98	242-33-01-04	R22911	5,000	Complete
DAB.1092	98	242-33-01-04	R22912	4,400	Complete
DAB.1092	98	242-33-03-41	R23611	14,400	Complete
DAC.1055	98	537-07-20-24	H15279	11,200	Complete
DCO.1165	98	538-04-11-11	R20895	19,000	Complete
DCO.1185	98	538-18-26-01	R23090	13,300	Partial
DFM.1271	98	522-31-81-01	R23102	5,000	Complete
DFM.1272	98	522-51-21-10	R23190	19,500	Complete
DFN.1132	98	537-09-20-23	H15244	10,000	Complete
GHE.1709	98	992-20-03-31	M3829	20,000	Complete
GG.1051	98	992-20-03-02	M2084	25,000	Complete
GMJ.3149	98	505-59-53-58	R23686	10,000	Complete
GMK.3119	98	509-10-61-50	R23282	20,000	Complete
GMK.3125	98	323-08-01-04	R23336	34,500	Complete
GML.1266	98	519-10-51-01	R23507	<u>15,000</u>	Complete
Total				\$231,300	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGE(S)
	1 2

2. AMENDMENT/MODIFICATION NO. 36	3. EFFECTIVE DATE 8/20/98	4. REQUISITION/PURCHASE REQ. NO. GM.4193	5. PROJECT NO. (if applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199	7. ADMINISTERED BY (if other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code) COMPUTER SCIENCES CORPORATION SYSTEM SCIENCES DIVISION 1100 WEST STREET, 5 <sup>TH</sup> FLOOR LAUREL MD 20707	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 1/1/95

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 one (1) copy 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.

PR GM.4193; M1791; (\$150,000) (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.
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 deobligate \$150,000 of funding on the contract.

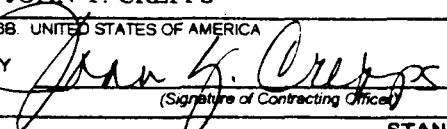
1. Section B, B.2., CONTRACT FUNDING (NASA 18-52.232-81) (DEC 1990) - Funds in the amount of \$150,000 are hereby deobligated from the Estimated Cost of this contract. As a result, the following change is made:

(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 \$14,040,015 (a decrease of \$150,000). This allotment is for Computational Analysis and Programming Support Services and covers the period of performance: Through October 26, 1998.

(b) An additional amount of \$636,354 is obligated under this contract for payment of 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)	18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOAN Y. CREPPS
15B. CONTRACTOR/OFFEROR	18B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY  (Signature of Contracting Officer)
15C. DATE SIGNED	18C. DATE SIGNED 8/24/98

All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	Estimated Cost	Fixed Fee	CPFF	Funding*
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod3 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
TOTAL	\$14,954,768	\$689,275	\$15,644,043	\$14,676,369

\*Total includes \$14,040,015 for cost and 636,354 for fee.



# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE 1	OF 3	PAGE(S) 3
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2. AMENDMENT/MODIFICATION NO. 37	3. EFFECTIVE DATE SEP 02 1998	4. REQUISITION/PURCHASE REQ. NO. SEE PAGE 3	5. PROJECT NO. (If applicable)
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6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199</b>	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) COMPUTER SCIENCES CORPORATION SYSTEM SCIENCES DIVISION 1100 WEST STREET, 5 <sup>TH</sup> FLOOR L.AIRF. MD 20707	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431
		10B. DATED (SEE ITEM 13) 1/1/95

### 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 one (1) copy 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
SEE PAGE 3

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

(✓)	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: Clause 52.232-22, Limitation of Funds
	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 to the subject contract is to recognize a cost growth proposal, restate the estimated cost, incrementally fund the contract, and delete the requirement for downward adjustment to the contract fee. . As a result, the following changes are made:

A. Section B, B.3, Estimated Cost and Fixed Fee is hereby replaced by the following to include the cost associated with this modification. The increase in the cost is \$4,439,619, of which \$1,173,280 was provisionally included in Modification 34. There is no increase in 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) IRENE MANFORD MANAGER OF CONTRACTS	15B. CONTRACT/OFFEROR <i>Irene Manford</i> (Signature of person authorized to sign)	15C. DATE SIGNED 9/2/98	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOAN Y. CREPPS	16B. UNITED STATES OF AMERICA BY <i>Joan Y. Crepps</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9/2/98
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“B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74) (DEC 91)”

The estimated cost of this contract is \$18,221,107 exclusive of the fixed fee of \$689,275. The total estimated cost and fixed fee is \$18,910,382.

B. Section B, B.2., CONTRACT FUNDING (NASA 18-52.232-81)(DEC 1990) – An additional amount of \$249,660 has been added for payment of cost. An additional amount of \$13,140 has been added for payment of fee.

“(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 \$14,289,675. This allotment is for Computational Analysis and Programming Support Services and covers the period of performance: Through November 23, 1998.

(b) An additional amount of \$649,494 is obligated under this contract for payment of fee.”

C. Section B, B-5, Level of Effort, subparagraph D. Delete the following: “If the Contractor provides less than 90% of the specified hours prior to expiration of the contract term, 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 fee.”

D. All other terms and conditions remain unchanged.

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 CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod3 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
<u>Mod 37</u>	<u>3,266,339</u>	<u>0</u>	<u>0</u>	<u>262,800</u>
TOTAL*	18,221,107	689,275	18,910,382	14,939,169

\*Total includes \$14,289,675 for cost and 649,494 for fee.

**ACCOUNTING AND APPROPRIATION DATA**

<b>PR NO.</b>	<b>FY</b>	<b>RTR</b>	<b>JO NO.</b>	<b>AMOUNT</b>	<b>COMPLETE</b>
<b>CB.2027</b>	<b>98</b>	<b>609-10-00-64</b>	<b>R 23632</b>	<b>\$ 36,400</b>	<b>COMPLETE</b>
<b>DAF.0366</b>	<b>98</b>	<b>522-51-31-10</b>	<b>R 21828</b>	<b>\$ 10,000</b>	<b>COMPLETE</b>
<b>DAF.0366</b>	<b>98</b>	<b>522-51-31-50</b>	<b>R-23698</b>	<b>\$ 10,000</b>	<b>COMPLETE</b>
<b>GF.1325</b>	<b>98</b>	<b>284-20-02-65</b>	<b>A-6018</b>	<b>\$150,000</b>	<b>COMPLETE</b>
<b>GF.1325</b>	<b>98</b>	<b>284-20-02-72</b>	<b>A-6093</b>	<b>\$ 50,000</b>	<b>COMPLETE</b>
<b>GKE.1086</b>	<b>98</b>	<b>992-35-05-04</b>	<b>M-2001</b>	<b>\$ 5,000</b>	<b>COMPLETE</b>
<b>GMK.3136</b>	<b>98</b>	<b>992-20-03-31</b>	<b>M-3235</b>	<b><u>\$ 1,400</u></b>	<b>COMPLETE</b>
<b>TOTAL</b>				<b>\$262,800</b>	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGE(S) 1 3
2. AMENDMENT/MODIFICATION NO. 38	3. EFFECTIVE DATE SEP 28 1998	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
8. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199		7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code) Computer Sciences Corporation System Sciences Division 1100 West Street, 5 <sup>th</sup> Floor Laurel MD 20707		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431
			10B. DATED (SEE ITEM 13) 1/1/95

### 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 one (1) copy 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 DATA 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 data 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 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)
X	Section H, H.3, Options.

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

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

The purpose of this modification is to exercise the option for the Fourth Option Period and to increase the additional contract level of effort for that period. As a result, the following changes are hereby made:

- Section B, B.5., Level of Effort, paragraph A is hereby replaced by the following to include 96,370 hours for the Fourth Option Period and an additional level of effort of 37,500 hours, for a total increase of 133,870 hours.

(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) JOANY Y. CREPPS	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Joany Y. Crepps</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9/28/98

## B.5 LEVEL OF EFFORT

In the performance of work under this contract, the Level-of-Effort (LOE) that the Contractor is obligated to provide is up to 553,100 direct labor hours as defined in Paragraph 2 below.

2. Section B, B.3., Estimated Cost and Fixed Fee is hereby replaced by the following to include the cost and fee associated with the exercise of the 4th option period for increased hours. The increase in the cost is "\$4,474,750 and the increase in fee is \$223,500.

## B.3 ESTIMATED COST AND FIXED FEE (NASA 18-52.212-74)(DEC 1991)

The estimated cost of this contract is \$22,695,857, exclusive of the fixed fee of \$912,775. The total estimated cost and fixed fee is \$23,608,632.

3. Section F, F.2 PERIOD OF PERFORMANCE is hereby replaced with the following:

F.2 PERIOD OF PERFORMANCE (NASA 18-52.212-74) (DEC 1991) The period of performance of this contract shall be 60 months from the effective date of the contract.

4. All other terms and conditions remain unchanged.

CONTRACT TABULATION

	Estimated Cost	Fixed Fee	CPFF	Funding*
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod3 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
Mod 37	3,266,339	0	0	262,800
Mod 38	4,474,750	223,500	4,698,250	0
<b>TOTAL</b>	<b>22,695,857</b>	<b>912,775</b>	<b>23,608,632</b>	<b>14,939,169</b>

\*Total includes \$14,289,675 for cost and 649,494 for fee.

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE	PAGE 1 OF PAGE(S) 2
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2. AMENDMENT/MODIFICATION NO. 39	3. EFFECTIVE DATE 9/30/98	4. REQUISITION/PURCHASE REQ. NO. GMJ.1001	5. PROJECT NO. (if applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199	7. ADMINISTERED BY (if other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No Street, county, State and ZIP Code) COMPUTER SCIENCES CORPORATION SYSTEMS SCIENCES DIVISION 1100 WEST STREET, 5 <sup>TH</sup> FLOOR LAUREL MD 20707	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431
		10B. DATED (SEE ITEM 13) 1/1/95

CODE	FACILITY CODE
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**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 one (1) copy 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
GMJ.1001; R23852; \$26,617 (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).
X	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 add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made:

(continued)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains 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) JOAN Y. CREPPS	15B. UNITED STATES OF AMERICA	15C. DATE SIGNED
	(Signature of person authorized to sign)		BY <i>Joan Y. Crepps</i> (Signature of Contracting Officer)		9/30/98

1. B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990) – An additional amount of \$25,287 has been added for payment of cost. An additional amount of \$1,330 has been added for payment of fee.

(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 \$14,314,962. This allotment is for Computational Analysis and Programming Support Services and covers the period of performance: Through November 23, 2998.

(b) An additional amount of \$650,824 is obligated under this contract for payment of fee.

2. All other terms and conditions remain unchanged.

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**CONTRACT TABULATION**

	Estimated Cost	Fixed Fee	CPFF	Funding*
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod3 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
Mod 37	3,266,339	0	0	262,800
Mod 38	4,474,750	223,500	4,698,250	0
Mod 39	0	0	0	26,617
<b>TOTAL</b>	<b>22,695,857</b>	<b>912,775</b>	<b>23,608,632</b>	<b>14,965,786</b>

\*Total includes \$14,314,962 for cost and 650,824 for fee.



OMB Approval 2700-0042

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE 1	OF 2	PAGE(S) 2
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2. AMENDMENT/MODIFICATION NO. 40	3. EFFECTIVE DATE 11/3/98	4. REQUISITION/PURCHASE REQ. NO. DCO.1185; DCO.1165; GMK.3148	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 23681-2199**

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP Code) COMPUTER SCIENCES CORPORATION SYSTEM SCIENCES DIVISION 1100 WEST STREET, 5 <sup>TH</sup> FLOOR LAUREL MD 20707		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431
			10B. DATED (SEE ITEM 13) 1/1/95

### 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 one (1) copy 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 DATA 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 data specified.

### 12. ACCOUNTING AND APPROPRIATION DATA (if required)

DCO.1165,R23815,\$73,500(C); DCO.1185,R23090,\$26,775(C); GMK.3148,R23336,\$64,750 (C)

### 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(d).
	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, 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 delete the requirement for the monthly report for socioeconomic goals and to add incremental funding to the contract pursuant to the Contract Funding clause. Accordingly, the following changes are hereby made:

1. B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990) – An additional amount of \$156,774 has been added for payment of cost. An additional amount of \$8,251 has been added for payment of 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) IRVINE MANFORD MANAGER OF CONTRACTS	15B. CONTRACTOR/OFFEROR <i>Irvine Manford</i> (Signature of person authorized to sign)	15C. DATE SIGNED 11/3/98	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOAN Y. CREPPS	16B. UNITED STATES OF AMERICA BY <i>Joan Y. Crepps</i> (Signature of Contracting Officer)	16C. DATE SIGNED 11/3/98
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NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

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STANDARD FORM 30 (REV 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

(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 \$14,471,736. This allotment is for Computational Analysis and Programming Support Services and covers the period of performance: Through December 4, 1998.

(b) An additional amount of \$659,075 is obligated under this contract for payment of fee.

2. Exhibit A, Paragraph I.L and Paragraph II.C. The requirement for the Monthly Progress Report for Socioeconomic Goals is hereby deleted

3. All other terms and conditions remain unchanged.

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CONTRACT TABULATION

	Estimated Cost	Fixed Fee	CPFF	Funding*
- Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
Mod 37	3,266,339	0	0	262,800
Mod 38	4,474,750	223,500	4,698,250	0
Mod 39	0	0	0	26,617
Mod 40				165,025
TOTAL	22,695,857	912,775	23,608,632	\$15,130,811

\*Total includes \$14,471,736 for cost and 659,075 for fee.

2. AMENDMENT/MODIFICATION NO. **41** EFFECTIVE DATE **NOV 13 1998** 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 23681-2199 7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
 Computer Sciences Corporation  
 Systems Sciences Division  
 1100 West Street  
 Laurel, Maryland 20707 (x) 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO.  
**NAS1-20431**  
 10B. DATED (SEE ITEM 13)  
**1/1/95**

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)  
 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).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)  
**X Mutual Agreement**

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 revise Section G to add a clause to allow property from contract NAS1-20219 to be utilized under this contract and to update Exhibit C, Government-Furnished Property. Accordingly, the following changes are hereby made to the Contract Schedule:

(CONTINUED)

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

15A. NAME AND TITLE OF ISSUING OFFICE (Type or print) **MANAGER OF CONTRACTS** 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) **LISA M. HARVEY**

15B. CONTRACTOR/OFFEROR **Alex Harford** 15C. DATE SIGNED **11/9/98** 16B. UNITED STATES OF AMERICA BY **Lisa M Harvey** 16C. DATE SIGNED **11/13/98**  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

**FILE**

A. Section G is revised to add the following clause to allow CSC to utilize property assigned to another Government contract on a non-interference basis. As a result, Section G is revised as follows:

“G-5. Use Of Government Production And Research Property On A No-Charge Basis  
(NASA 1852.245-80) (MAR 1989)

In performing this contract, the Contractor is authorized to use on a no-charge, noninterference basis the Government-owned production and research property provided to the Contractor under the contract(s) specified below and identified in the cognizant Contracting Officer's letter approving use of the property. Use is authorized on the basis that it will not interfere with performance of the Government contract(s) under which the property was originally furnished. Use shall be in accordance with the terms and conditions of these contract(s) and the cognizant Contracting Officer's approval letter.

Contract No(s): NAS1-20219”

B. Exhibit C, Government-Furnished Property, is revised to add the following equipment.

ECN	Description	Model	Serial #	MFG	Cost
1879459	Computer	-CMNB015ANF225	0800690E0AF3	SGI	\$42,212
1879458	Monitor	GDM4011P	7019526	Sony	\$1,000

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 21	\$ 9,501,000	\$475,000	\$9,976,000	\$8,009,615
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
Mod 37	3,266,339	0	0	262,800
Mod 38	4,474,750	223,500	4,698,250	0
Mod 39	0	0	0	26,617
Mod 40	0	0	0	165,025
Mod 41	0	0	0	0
TOTAL	22,695,857	912,775	23,608,632	\$15,130,811

\*Total includes \$14,471,736 for cost and 659,075 for fee.

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1 OF 2 PAGE(S)
2. AMENDMENT/MODIFICATION NO. 42	3. EFFECTIVE DATE 11/12/98	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 23681-2199		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) COMPUTER SCIENCES CORPORATION SYSTEMS SCIENCES DIVISION 1100 WEST STREET, 5 <sup>TH</sup> FLOOR LAUREL MD 20707			(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE				9B. DATED (SEE ITEM 11)
FACILITY CODE			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS 1 20431
				10B. DATED (SEE ITEM 13) 1/1/95

**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 one (1) copy 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

PR. A.2074,M3661,\$200,000©; and DAA.2029,R33893,\$9,975,©

**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	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, 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 correct the accounting and appropriation on Modification No. 40; DCO.1165 should be an obligation of \$14,500, DCO.1185 should be an obligation of \$13,475; GMK.3148 obligation is \$64,750, for a total obligation of \$92,725 and to incrementally fund the contract under PRs A.2074 and DAA.2029 pursuant to the Contract Funding clause. As a result, the total funding on this modification is \$137,675. Accordingly, the following changes are hereby made:

- B.2 CONTRACT FUNDING (NASA 18-52.232-81) (JUN 1990) – An additional amount of \$130,791 has been added for payment of cost. An additional amount of \$6,884 has been added for payment of 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)		18A NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		JOAN Y. CREPPS	
15B CONTRACTOR/OFFEROR	15C DATE SIGNED	18B UNITED STATES OF AMERICA	18C DATE SIGNED
(Signature of person authorized to sign)		BY <i>Joan Y. Crepps</i>	11/12/98
		(Signature of Contracting Officer)	

— file —

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$14,602,527 This allotment is for Computational Analysis and Programming Support Services and covers the period of performance: Through December 10, 1998.

(b) An additional amount of \$665,959 is obligated under this contract for payment of fee.

2. All other terms and conditions remain unchanged.

\*\*\*\*\*

CONTRACT TABULATION

	Estimated Cost	Fixed Fee	CPFF	Funding*
Through Mod 18	\$ 9,501,000	\$475,000	\$9,976,000	\$6,371,420
Mod 19	0	0	0	753,000
Mod 20	0	0	0	771,800
Mod 21	0	0	0	113,395
Mod 22	0	0	0	480,300
Mod 23	0	0	0	980,000
Mod 24	0	0	0	139,290
Mod 25	0	0	0	214,560
Mod 26	3,296,000	165,000	3,461,000	(59,000)
Mod 27	0	0	0	233,206
Mod 28	0	0	0	501,400
Mod 29	0	0	0	1,562,900
Mod 30	0	0	0	0
Mod 31	0	0	0	914,400
Mod 32	0	0	0	203,700
Mod 33	0	0	0	256,629
Mod 34	1,173,280	0	1,173,280	1,158,069
Mod 35	984,488	49,275	1,033,763	96,600
Mod 36	0	0	0	(150,000)
Mod 37	3,266,339	0	0	262,800
Mod 38	4,474,750	223,500	4,698,250	0
Mod 39	0	0	0	26,617
Mod 40	0	0	0	165,025
Mod 41	0	0	0	0
Mod 42	0	0	0	137,675
TOTAL	22,695,857	912,775	23,608,632	\$15,268,486

\*Total includes \$14,602,527 for cost and 665,959 for fee.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

OMB Appr. 00-0042

TRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO 43	3. EFFECTIVE DATE DEC 08 1998	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 23681-2199	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Computer Sciences Corporation Systems Sciences Division 1100 West Street Laurel, Maryland 20707	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
		10B. DATED (SEE ITEM 13) 1/1/95
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)  
See page 2

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

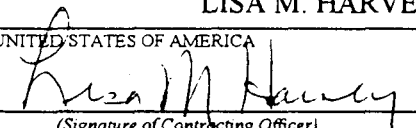
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET 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 incrementally fund the contract in the amount of \$1,614,348 (\$1,532,348 cost/\$82,000 fee). Accordingly, the following changes are hereby made to the Contract Schedule:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LISA M. HARVEY
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
	16C. DATE SIGNED DEC 08 1998

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

FILE

A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$16,134,875. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through March 1, 1999.

(b) An additional amount of \$747,959 is obligated under this contract for payment of fee."

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$16,882,834</b>

\*Total includes \$16,134,875 for cost and 747,959 for fee

**Accounting and Appropriation Data:**

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>Amount</u>	<u>Partial/ Complete</u>
DAF.0395	99	522513110	R21828	\$10,000	Complete
DCO.1200	99	576012601	R23745	\$64,148	Complete
DFL.1496	99	522323101	R23075	\$5,000	Complete
DFN.1147	99	522318102	R23103	\$13,000	Complete
DFN.1147	99	522117101	R23832	\$7,000	Complete
DIH.1457	99	258702116	R22278	\$100,000	Complete
GLF.2276	98	146900405	R23823	\$5,000	Complete
GM.4260	99	992160405	M1791	\$1,400,000	Complete
IA.1125	99	537052101	H15278	\$10,200	Complete
<b>Total</b>				<b>\$1,614,348</b>	



OMB Approval #: 2700-0042

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   7
2. AMENDMENT/MODIFICATION NO. 44	3. EFFECTIVE DATE FEB 03 1999	4. REQUISITION/PURCHASE REQ. NO. N/A	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)  Computer Sciences Corporation Systems Sciences Division 1100 West Street Laurel, Maryland 20707		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
			10B. DATED (SEE ITEM 13) 1/1/95
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 in 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: FAR Clause 52.243-2 Changes-Cost Reimbursement (AUG 1987) Alt II (APR 1984)
	D. OTHER (Specify type of modification and authority)


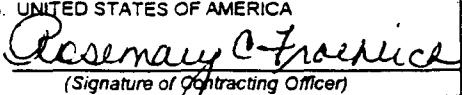
**E. IMPORTANT:** Contractor  is not, X is required to sign this document and return 3 copies to the issuing office.

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

The purpose of this modification is to incorporate the requirement for Year 2000 compliance into the contract Statement of Work (SOW) Exhibit A. As a result, the following SOW changes are made:

(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) IRENE MANFORD MANAGER OF CONTRACTS		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) ROSEMARY C. FROELICH	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 1/29/99	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 2-3-99

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

**FILE**

- A. Clause H-13, Year 2000 Compatibility for Computer Hardware and Software, is hereby deleted in its entirety.
- B. Exhibit A, Statement of Work, Paragraph C, General Requirements, is revised to add the following:

"C. 11 YEAR 2000 COMPLIANCE

(a) "Year 2000 compliant," as used herein, means that the information technology (hardware, software and firmware, including embedded systems or any other electro-mechanical or processor-based systems used in accordance with its associated documentation) accurately processes date and date-related data (including, but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to the extent that other information technology (IT), used in combination with the information technology being acquired, properly exchanges date and date-related data with it.

(b) The Contractor shall ensure that all IT set forth on the Attachment 1 list is Year 2000 compliant. In addition, any IT provided or developed under this contract subsequent to the date of this modification shall be Year 2000 compliant. To ensure this result, the Contractor shall provide documentation describing how the IT items demonstrate Year 2000 compliance.

Documentation and testing for Year 2000 compliance shall be based on complexity and the risk associated with the IT item. The Contractor shall use the documents "NASA Year 2000 Agency Test and Certification Guidelines and Requirements" dated July 2, 1998 (available at <http://cio.larc.nasa.gov/y2k/>) and "NASA LaRC Y2K Guideline for Documentation and Testing Requirements" (Attachment 2 hereto) as guidance to establish the appropriate testing and documentation. The Contractor shall provide the "Contractor Y2K Compliance Verification Form" (Attachment 3 hereto) for each IT item/system identified in Attachment 1 as well as any subsequent IT items developed or provided under this contract.

(c) Milestones for Renovation, Validation and Implementation: Any IT determined to be non-Year 2000 compliant shall be replaced, retired, or repaired in accordance with the following schedule:

"Renovation" includes making and documenting software and hardware changes, developing replacement systems, and decommissioning systems to be retired. The Contractor must complete renovation of affected software, hardware, and firmware by September 30, 1998.

"Validation" includes unit, integration, system, and end-to-end testing for Year 2000 compliance. The Contractor must complete validation and testing of converted or replaced systems by January 31, 1999;

"Implementation" includes acceptance testing and integration of converted and replaced systems into a production environment. The Contractor must complete implementation by March 31, 1999.

(d) At a minimum, the Contractor shall provide documentation, including project plans and status reports, which demonstrate that the Contractor is meeting the milestones listed above."

C. There is no change in the contract cost, fee, or other terms and conditions as a result of this modification. All other terms and conditions remain unchanged.

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
TOTAL	\$22,695,857	\$912,775	\$23,608,632	\$16,882,834

\*Total includes \$16,134,875 for cost and 747,959 for fee

Attachments (3)

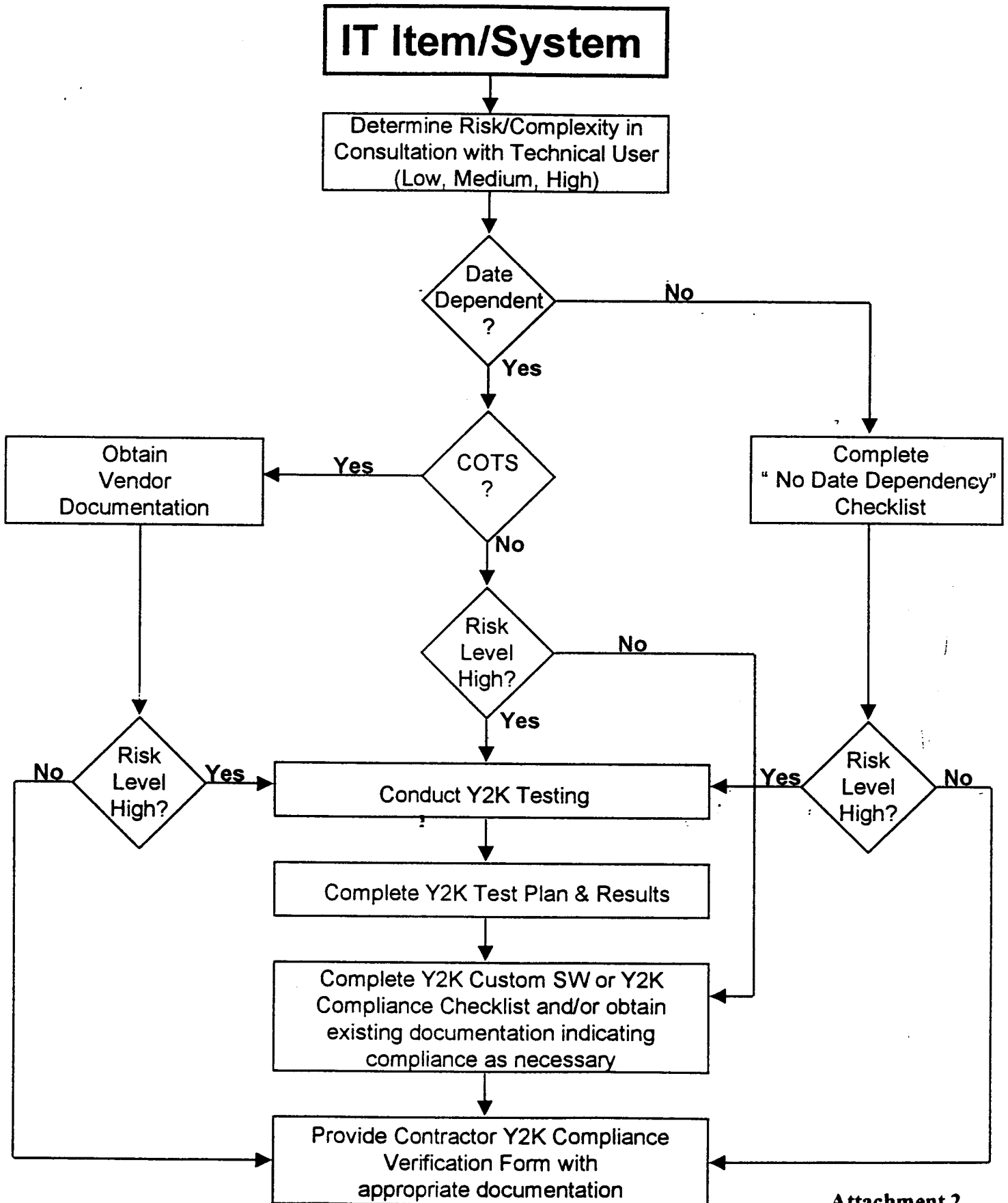
Table 1 - Summary of Inventory Items

SOFTWARE	IT CATEGORY	USE	TYPE		COTS	VENDOR	NO.	Risk Level	KNOWLEDGE			V2K WORK IN PROGRESS			OTHER CONTRACT	TESTING ROLE			LEVELTYPE			PLANSCHEDULE											
			HW	CUSTOM SW					PRIMARY DEV.	MAINT. OPERATE	HELP DESK	SA ONLY	TESTING	DONE		VENDOR	NONE	NAME	NASA	PRIMARY	ASSIST	NONE	OS	SW	E-E	NC-REPLACE	NC-UPGRADE	Being Developed	Not Date Affected	Compliant	DATE	Task Number	
GRID/TOOL	SW DT	DT	X		CSC		1	Low	X																							03A Kerr	
CSC/MDO	SW DT	DT	X		CSC		1	Low	X																							03A Kerr	
SURFACE	SW DT	DT	X		CSC		1	Low	X																							03A Kerr	
UME	SW DT	DT	X		CSC		1	Low	X																							03A Kerr	
.FEMIZE	SW DT	DT	X		CSC		1	Low	X																							03A Kerr	
GLIMP1	SW DT	DT	X		CSC/PATTAN 8.0		1	Low	X																							03A Kerr	
GEOLOG	SW DT	DT	X		CSC/MinisSQL 1.6		1	Low	X																							03A Kerr	
AVOSS	SW DA	DA	X		CSC		1	Low	X																							07A Criltenden	
XVS	SW DA	DA	X		CSC		1	Low	X																							07A Criltenden	
ILLUME	SW DT	DT	X		GSCMOTIF		1	Low	X																							05A Slacy	
Image Analysis Tool (IAT/OOL)	SW DT	DT	X		GSC/PWAVE 6.1		1	Low	X																							05M Slacy	
Support Software for NTF TSP Experiments (1996)	SW DT	DT	X		GSC/PWAVE		1	Low	X																							05J Slacy	
Visual Communication Channel Model SW	SW DT	DT	X		6.1/GreenBoot V2.1		3	Low	X																							05P Slacy	
Support Software for VIPPS	SW DT	DT	X		CSC/PWAVE 6.1		6	Low	X																							05D Slacy	
Environmental ToolBox	SW DT	DT	X		CSC/ARCVIEW 3.1		6	Low	X																							25A Ball	
Modifi PRISM and WebPRISM (1)	SW DT	DT	X		CSC		1	Low	X																							06G Jones	
PRISM Data Modelers Tools (2)	SW DT	DT	X		CSC		1	Low	X																								06G Jones
JavaPRISM (3)	SW DT	DT	X		COMSO		1	Low	X																								06H Jones
J.Easie tools	SW DT	DT	X		NASACSC		1	Low	X																								06H Jones
easie database	SW DT	DT	X		CSC		1	Low	X																								06U Jones
WTTDMAS Utilities	SW DT	DT	X		CSC		1	Low	X																								06U Jones
WTTDMAS Test Data Entry Process	SW DT	DT	X		CSC		1	Low	X																								06U Jones
DMAS Security Access	SW DT	DT	X		CSC		1	Low	X																								06U Jones
IBM 900 Software	SW DT	DT	X		CSC		1	Med	X																								06U Jones
lines3d parallel	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
lines3d multistaged	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
lines3d vector	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
cd3d parallel	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
vulcan parallel	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
laura parallel	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
lines3d parallel	SW DT	DT	X		CSC		1	Low	X																								02A Tennille
Airframe Noise Acoustic Test (ANAT) SW	SW DT	DT	X		GSC/NGSM/ARFC		1	Low	X																								02A Tennille
EMIT	SW DT	DT	X		CSC		1	Low	X																								06F Jones
ViewFIBFile.cpl	SW DT	DT	X		CSC		1	Low	X																								06X Jones
OBA Utilities	SW DT	DT	X		CSC		7	Low	X																								48B Kustler
RAM Database	SW DT	DT	X		CSC		1	Low	X																								30A Stewart
Application Program	SW DT	DT	X		CSC		1	Low	X																								30A Stewart
VPL Interface System	SW DT	DT	X		CSC		1	Low	X																								51A Sessomio

	SW	DT	X		CSC		1	Med	X					X							35A
SECB DB	SW	DT	X		CSC		1	Med	X					X							Dallapenta
Workforce DB	SW	DR	X		CSC		1	Low	X					X							46A
MRS	SW	DR	X		CSC		1	Low	X					X							Little
YAPT	SW	DT	X		CSC		2	Med	X					X							Land
PTTV2	SW	DT	X		ECOLOGIC		1	Med	X					X							Land
SPI Web Site	SW	DT	X		CSC		1	Low	X					X							Schuler
Meines DB	SW	DR	X		CSC		1	Low	X					X							Schuler
FIDO DB	SW	DR	X		CSC		1	Low	X					X							Schuler
Software Meines DB	SW	DR	X		CSC		1	Low	X					X							Schuler
FIDO communication library	SW	DT	X		CSC		1	Low	X					X							Schuler
HSC1 4.0	SW	DA	X		CSC		1	Med	X					X							Fehder

# NASA LaRC Y2K Guideline for Documentation and Testing Requirements

BASED ON "NASA YEAR 2000 AGENCY TEST AND CERTIFICATION GUIDELINES AND REQUIREMENTS"



# Contractor Y2K Compliance Verification Form

NASA Langley Research Center

IT Item Name/System: \_\_\_\_\_

Risk/Complexity Level  
(High, Medium, Low): \_\_\_\_\_

Brief Description:

Facility/Lab (if applicable): \_\_\_\_\_

Organization: \_\_\_\_\_

Documentation (check the applicable attachments) (Refer to the "NASA Year 2000 Agency Test and Certification Guidelines and Requirements" and the "NASA LaRC Y2K Guideline for Documentation and Testing Requirements" for guidance.)

- "No Date Dependency" Checklist
- Vendor Documentation for COTS Products (Software, Hardware, Firmware)  
Specify: \_\_\_\_\_
- Y2K Test Plan
- Y2K Test Results
- Y2K Custom Software Compliance Checklist
- Y2K Compliance Checklist
- Other existing documentation indicating compliance, e.g. system documentation  
Specify: \_\_\_\_\_

Comments:

To the best of my knowledge, the IT Item/System identified has been assessed for either Y2K compliance or not dependent status using the NASA and Langley Research Center Year 2000 test and certification guidelines and requirements as guidance and that the IT Item/System is either compliant or not date dependent as reflected by the document attachment(s) identified above.

Contractor Company Name: \_\_\_\_\_

Contractor Official: \_\_\_\_\_  
*Typed Name and Signature* \_\_\_\_\_  
*Date*

Concurrence:

NASA COTR/Technical Monitor

\_\_\_\_\_ \_\_\_\_\_  
*Typed Name and Signature* *Date*

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE	PAGE OF PAGES
	1 2

2. AMENDMENT/MODIFICATION NO. 45	3. EFFECTIVE DATE <b>JAN 22 1999</b>	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 23681-2199

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Computer Sciences Corporation Systems Sciences Division 1100 West Street Laurel, Maryland 20707	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
		10B. DATED (SEE ITEM 13) 1/1/95
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)

See page 2

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

<input 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 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.)

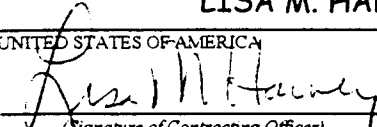
The purpose of this modification is to incrementally fund the contract in the amount of \$799,814 (\$755,814 cost/\$44,000 fee). Accordingly, the following changes are hereby made to the Contract Schedule:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

LISA M. HARVEY

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 1/22/99
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**FILE**



A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$16,890,689. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through May 26, 1999.

(b) An additional amount of \$791,959 is obligated under this contract for payment of fee."

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45				799,814
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$17,682,648</b>

\*Total includes \$16,890,689 for cost and 791,959 for fee

**Accounting and Appropriation Data:**

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>Amount</u>	<u>Partial/ Complete</u>
CCC.0686	99	229010210	R19513	\$20,389	Complete
D.1363	99	509101105	R19908	\$384,000	Complete
DCO.1201	99	576021111	R23815	\$33,425	Complete
E.2000	99	251200101	R23241	\$300,000	Complete
GF.1340	99	992200471	M3523	\$50,000	Complete
GML.1322	99	992200331	M3883	\$7,000	Complete
GML.1324	99	992301026	M3049	\$5,000	Complete
<b>Total</b>				<b>\$799,814</b>	

2. AMENDMENT/MODIFICATION NO. **46** 3. EFFECTIVE DATE **MAR 12 1999** 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 23681-2199 7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
**Computer Sciences Corporation  
 Systems Sciences Division  
 1100 West Street  
 Laurel, Maryland 20707** (x) 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO.  
**NAS1-20431**  
 10B. DATED (SEE ITEM 13)  
**1/1/95**

**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)  
**See page 2**

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

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 incrementally fund the contract in the amount of \$434,920 (\$408,824 cost/\$26,096 fee). Accordingly, the following changes are hereby made to the Contract Schedule:**

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
**LISA M. HARVEY**

15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY *Lisa M Harvey* 16C. DATE SIGNED **3/12/99**  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

**FILE**

A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$17,299,513. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through July 14, 1999.

(b) An additional amount of \$818,055 is obligated under this contract for payment of fee.”

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45				799,814
Mod 46				434,920
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$18,117,568</b>

\*Total includes \$17,299,513 for cost and \$818,055 for fee

**Accounting and Appropriation Data:**

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>Amount</u>	<u>Partial/</u> <u>Complete</u>
BAC.0746	99	522411103	R23793	\$10,000	Complete
CCC.0685	99	288421210	R23380	\$67,700	Complete
DFM.1310	99	538031302	R22187	\$25,000	Complete
DFO.1389	99	522316102	R23390	\$10,500	Complete
DFO.1389	99	519202101	R23884	\$58,500	Complete
DFO.1389	99	522323104	R24081	\$11,000	Complete
DFO.1390	99	992200331	M3885	\$40,000	Complete
DSD.1633	99	537094102	H15340	\$14,720	Complete
GML.1328	99	992100111	M3641	\$17,500	Complete
GML.1329	99	992200331	M3691	\$180,000	Complete
<b>Total</b>				<b>\$434,920</b>	

2. AMENDMENT/MODIFICATION NO. <b>47</b>	3. EFFECTIVE DATE <b>APR 13 1999</b>	4. REQUISITION/PURCHASE REQ NO. <b>See Block 12.</b>	5. PROJECT NO. (If applicable)
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6. ISSUED BY  <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199</b>	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) <b>Computer Sciences Corporation Civil Group 7700 Hubble Drive Lanham, MD 20706</b>	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13) <b>1/1/95</b>

**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)  
**See page 2**

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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)

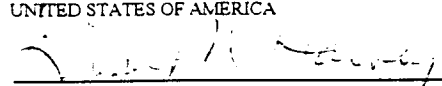
E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

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

**The purpose of this modification is to incrementally fund the contract in the amount of \$951,400 (\$890,510 cost/\$60,890 fee) and to revise the Contractor's address as reflected above in Block 8 as indicated in CSC's letter dated March 10, 1999. Accordingly, the following changes are hereby made to the Contract Schedule:**

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
	<b>LISA M. HARVEY</b>		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY 	<b>4/3/99</b>
		(Signature of Contracting Officer)	

FILE

A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$18,190,023. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through August 20, 1999.

(b) An additional amount of \$878,945 is obligated under this contract for payment of fee.\*

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45	0	0	0	799,814
Mod 46	0	0	0	434,920
Mod 47	0	0	0	951,400
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$19,068,968</b>

\*Total includes \$18,190,023 for cost and \$878,945 for fee

**Accounting and Appropriation Data:**

<b>PR No.</b>	<b>PY</b>	<b>RTR</b>	<b>JO No.</b>	<b>Amount</b>	<b>Partial/ Complete</b>
CB.2102	99	242330341	R23611	\$2,000	Complete
CH.0639	99	289200001	R24217	\$60,000	Complete
DAB.1134	99	242330341	R23611	\$17,000	Complete
DAB.1134	99	242351003	R23999	\$17,000	Complete
DCP.1272	99	522191101	R22895	\$300,000	Complete
DFN.1156	99	537094002	H15339	\$5,400	Complete
E.2000	99	251200101	R23241	\$200,000	Complete
GF.1346	99	284200281	A7037	\$350,000	Complete
				\$951,400	

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE 1	OF 3	PAGE(S)
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2. AMENDMENT/MODIFICATION NO. 48	3. EFFECTIVE DATE MAY 24 1999	4. REQUISITION/PURCHASE REQ. NO. See Block 12	5. PROJECT NO. (If applicable)
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6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199</b>	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Computer Sciences Corporation Civil Group 7700 Hubble Drive Lanham, MD 20706	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
		10B. DATED (SEE ITEM 13) 1/1/95

### 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 one (1) copy 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 DATA 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 data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
SEE PAGE 2.

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

(✓)	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 incrementally fund the contract in the amount of \$539,100 (\$505,270 cost/\$33,830 fee) and to update Section I, Contract Clauses, to add several clauses. Accordingly, the following changes are hereby made to the contract schedule:

(continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print) Lisa M. Harvey Contracting Officer	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LISA M. HARVEY
15B. CONTRACTOR/OFFEROR <i>[Signature]</i> (Signature of person authorized to sign)	15C. DATE SIGNED 5/20/99
16B. UNITED STATES OF AMERICA <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5/20/99

# FILE

A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$18,695, 293. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995 through October 27, 1999.

(b) An additional amount of \$912,775 is obligated under this contract for payment of fee."

B. Section I, I.1, Clauses Incorporated by Reference, is revised to add the following clauses:

"1852.227-70, New Technology (JUL 1995)  
1852.227-72, Designation of New Technology and Patent Representative (JUL 1997); Insert:

<u>Title</u>	<u>Office Mail Stop</u>	<u>Address</u>
New Technology Representative	212	NASA, Langley Research Center Hampton, VA 23681-2199
Patent Representative	212	NASA, Langley Research Center Hampton, VA 23681-2199"

CONTRACT TABULATION

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through				
Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45	0	0	0	799,814
Mod 46	0	0	0	434,920
Mod 47	0	0	0	951,400
Mod 48	0	0		539,100
TOTAL	\$22,695,857	\$912,775	\$23,608,632	\$19,608,068

\*Total includes \$18,695,293 for cost and \$912,775 for fee

Accounting and Appropriation Data:

PR No.	PY	RTR	JO No.	Amount	Partial/ Complete
BC.1089	99	522223102	R23989	\$50,000	Complete
D.1378	99	509101105	R19908	\$113,000	Complete
DCO.1212	99	576012601	R23745	\$121,800	Partial
DCO.1212	99	576021116	R23818	\$40,600	Partial
DCO.1213	99	576021111	R23815	\$20,000	Partial
E.2000	99	251200102	R24107	\$100,000	Complete
GHF.1210	99	282100198	A7055	\$4,000	Complete
GML.1334	99	992200331	M3883	\$15,000	Complete
GML.1339	99	992200331	M3691	\$21,700	Complete
GML.1339	99	519105101	R23507	\$50,000	Complete
GML.1340	99	992351501	M1821	\$3,000	Complete
Total				\$539,100	



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 49	3. EFFECTIVE DATE JUN 21 1999	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 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Computer Sciences Corporation 7700 Hubble Drive Lanham, MD 20706		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
			10B. DATED (SEE ITEM 13) 1/1/95
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 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: FAR Clause 52.227-14, Modified by NASA Far Supp.1852.227-14
	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 grant CSC permission to assert copyright in several software programs and for CSC to agree to assign such Copyrights to NASA. Accordingly, the following changes are hereby made to the contract schedule:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print) Irene Manford Deputy Director of Contracts		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Lisa M. Harvey	
15B. CONTRACTOR/OFFEROR <i>Irene Manford</i> (Signature of person authorized to sign)	15C. DATE SIGNED 6/9/99	16B. UNITED STATES OF AMERICA BY <i>Lisa M Harvey</i> (Signature of Contracting Officer)	16C. DATE SIGNED 6/21/99

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

A. Clause H-13 is hereby added as follows:

**"H-13. PERMISSION TO ASSERT AND ASSIGN COPYRIGHT IN SOFTWARE**

Computer Sciences Corporation (CSC) is hereby authorized to assert copyright in the computer software listed below and all subsequent versions of the software as authorized by FAR Clause 52.227-14, as modified by NASA FAR Supplement Clause 18.52.227-14, developed in performance of this contract. For purposes of defining rights in the computer software, computer software shall include source codes, object codes, executables, ancillary files, and documentation. Having been granted permission to assert copyright in the aforementioned software, CSC hereby agrees to assign all right, title, and interest in any and all existing and subsequent copyrights in the computer software listed below to the U.S. Government.

Software Program

Metrics Database  
 Gridtool Version 3.2  
 CSC MDO  
 EPICS Port"

B. All other terms and conditions remain unchanged.

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through				
Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45	0	0	0	799,814
Mod 46	0	0	0	434,920
Mod 47	0	0	0	951,400
Mod 48	0	0		539,100
Mod. 49	0	0	0	0
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$19,608,068</b>

\*Total includes \$18,695,293 for cost and \$912,775 for fee

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

OMB Approval

4-0042

CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO. 50	3. EFFECTIVE DATE JUN 22 1999	4. REQUISITION/PURCHASE REQ. NO. See Block 12.	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Computer Sciences Corporation Civil Group 7700 Hubble Drive Lanham, MD 20706	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20431
		10B. DATED (SEE ITEM 13) 1/1/95

CODE	FACILITY CODE
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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)  
See page 2

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 4/22/99 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 incrementally fund the contract in the amount of \$221,798 (\$221,798 cost/\$0 fee). Accordingly, the following changes are hereby made to the Contract Schedule:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LISA M. HARVEY
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15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Lisa M Harvey (Signature of Contracting Officer)	16C. DATE SIGNED 6/22/99
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NSN 7540-01-132-8070  
PREVIOUS EDITION UNUSABLE

50-105

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

FILE

A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$18,917,091. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995, through September 9, 1999.

(b) An additional amount of \$912,775 is obligated under this contract for payment of fee.”

B. All other terms and conditions remain unchanged.

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45	0	0	0	799,814
Mod 46	0	0	0	434,920
Mod 47	0	0	0	951,400
Mod 48	0	0	0	539,100
Mod. 49	0	0	0	0
Mod. 50	0	0	0	221,798
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$19,829,866</b>

\*Total includes \$18,917,091 for cost and \$912,775 for fee

**Accounting and Appropriation Data:**

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>Amount</u>	<u>Partial/ Complete</u>
BAC.0755	99	522411103	R23793	\$10,000	Complete
CB.2134	99	258702115	R23925	\$30,500	Complete
DAC.1093	99	522223101	R23175	\$30,000	Complete
DAC.1093	99	522117107	R23756	\$4,998	Complete
DAC.1093	99	538141201	R23766	\$9,300	Complete
DFN.1161	99	509101105	R19908	\$9,000	Complete
DII.1228	99	522142104	R23810	\$18,000	Complete
GF.1366	99	992200471	M3523	\$50,000	Complete
GKE.1177	99	522191101	R22895	\$60,000	Complete
<b>Total</b>				<b>\$221,798</b>	

2. AMENDMENT/MODIFICATION NO <b>51</b>	3. EFFECTIVE DATE <b>AUG 09 1999</b>	4. REQUISITION/PURCHASE REQ. NO. <b>See Block 12.</b>	5. PROJECT NO. (If applicable)
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6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199</b>	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) <b>Computer Sciences Corporation Civil Group 7700 Hubble Drive Lanham, MD 20706</b>	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20431</b>
		10B. DATED (SEE ITEM 13) <b>1/1/95</b>

**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)  
**See page 2**

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify 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 incrementally fund the contract in the amount of \$287,280 (\$287,280 cost/\$0 fee). Accordingly, the following changes are hereby made to the Contract Schedule:**

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

**LISA M. HARVEY**

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Lisa M Harvey</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>AUG 09 1999</b>
(Signature of person authorized to sign)			

**FILE**

A. Paragraph B.2, Contract Funding (NASA 18-52.232-81) (JUN 1990), subparagraphs (a) and (b), are hereby revised in their entirety 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 \$19,204,371. This allotment is for Computational Analysis and Programming Support Services and covers the following estimated period of performance: January 1, 1995, through October 30, 1999.

(b) An additional amount of \$912,775 is obligated under this contract for payment of fee."

B. All other terms and conditions remain unchanged.

**CONTRACT TABULATION**

	<u>Estimated Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Funding*</u>
Through Mod 42	\$22,695,857	\$912,775	\$23,608,632	\$15,268,486
Mod 43	0	0	0	1,614,348
Mod 44	0	0	0	0
Mod 45	0	0	0	799,814
Mod 46	0	0	0	434,920
Mod 47	0	0	0	951,400
Mod 48	0	0	0	539,100
Mod. 49	0	0	0	0
Mod. 50	0	0	0	221,798
Mod. 51	0	0	0	287,280
<b>TOTAL</b>	<b>\$22,695,857</b>	<b>\$912,775</b>	<b>\$23,608,632</b>	<b>\$20,117,146</b>

\*Total includes \$19,204,371 for cost and \$912,775 for fee

**Accounting and Appropriation Data:**

<u>PR No.</u>	<u>PY</u>	<u>RTR</u>	<u>JO No.</u>	<u>Amount</u>	<u>Partial/ Complete</u>
DAB.1149	99	242-35-20	R24322	\$1,800	Complete
GHF.1222	99	282-10-01	A7055	\$7,500	Complete
GLD.2097	99	258-70-21	R24017	\$5,500	Complete
GML.1352	99	992-30-10	M3049	\$11,600	Complete
E.2059	99	251-20-01	R24107	\$225,000	Complete
IA.1291	99	537-09-42	H15342	\$7,880	Complete
RFC.1003	99	622-02-14	R24356	\$20,000	Complete
OBB.1005	99	289-20-00	R24217	\$8,000	Complete
<b>TOTAL</b>				<b>\$287,280</b>	