

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 40		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO. See Page 1.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
				10B. DATED (SEE ITEM 13) 02/26/96
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				

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 1.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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(b)(3) and mutual agreement of the parties
	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.)

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract   Total Sum <u>Value</u>   <u>Allotted</u>
Previous	\$37,147,506	\$ 0	\$37,147,506	\$645,569	\$1,649,744	\$39,442,819   \$29,272,783
This Mod	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>   <u>2,591,259</u>
New Total	\$37,147,506	\$ 0	\$37,147,506	\$645,569	\$1,649,744	\$39,442,819   \$31,864,042

See Page 2 for description.

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 L. Presnell	
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

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to amend clause G.4, Work Authorization Requests and Task Directives, and to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated March 26, 1998.

1. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$30,310,331. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through August 18, 1998.

(b) An additional amount of \$1,553,711 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$27,804,782	\$2,505,549	\$30,310,331
Provisional Award Fee	822,432	85,710	908,142
Award Fee Earned	<u>645,569</u>	<u>0</u>	<u>645,569</u>
Total Sum Allotted	\$29,272,783	\$2,591,259	\$31,864,042

(End of clause)"

2. Clause G.4, WORK AUTHORIZATION REQUESTS AND TASK DIRECTIVES, is hereby amended to incorporate the following paragraph (d):

"(d) Emergency Situations

In emergency situations, the Contractor shall be authorized by the COTR to begin work with an approved WAR. The Contractor shall process the applicable TD within ten (10) working days of being notified of an emergency and shall not incur costs exceeding \$10,000, during the 10-day period. The Government and Contractor shall finalize the TD within fifteen (15) working days."

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>	
1-8-ED-00203(S4)(1F)	478-83-01-M145-ED-8-00M-661-2550	808/90111	\$ 46,000	
	260-40-13-M145-ED-8-00M-621-2550		90,000	
	262-90-00-M145-ED-8-00S-651-2550	808/90110	2,937	
	242-33-YD-M145-ED-8-00S-661-2550		75,000	
227-80-00-M145-ED-8-00S-651-2550	90,000			
1-8-EH-00204(S3)(1F)	250-50-15-M145-EH-8-00M-543-2550	808/90111	10,000	
1-8-EL-00205(S5)(1F)	477-72-V2-M145-EL-8-00M-213-2550	808/90111	81,372	
	477-72-V5-M145-EL-8-00M-213-2550		36,282	
	477-72-V8-M145-EL-8-00M-213-2550		19,150	
	477-72-W2-M145-EL-8-00M-213-2550		140,052	
	477-72-W9-M145-EL-8-00M-213-2550		19,150	
	477-72-X2-M145-EL-8-00M-213-2550		84,844	
	477-72-X6-M145-EL-8-00M-213-2550		19,150	
	575-15-30-M145-EL-8-00M-222-2550		193,633	
	227-80-00-M145-EL-8-00S-211-2550		808/90110	62,745
1-8-ES-00209(S1)(1F)	963-70-13-M145-ES-8-00S-770-2550	808/90110	4,000	
	962-21-08-M145-ES-8-00S-770-2550		35,231	
	963-40-10-M145-ES-8-00S-770-2550		55,682	
	963-80-06-M145-ES-8-00S-770-2550		59,292	
	229-21-46-M145-HR-8-51S-799-2550		9,695	
	229-04-15-M145-HR-8-51S-799-2550		71,000	
W-7-EL-00205(S4)(1F)	242-71-30-M145-RA-7-00S-299-2550	807/80110	87,536	
P-7-EP-00208(S2)(1F)	575-15-20-M145-EP-7-00M-381-2550	807/80111	65,061	
1-8-EB-00202(S3)(1F)	478-83-01-M145-EB-8-00M-433-2550	808/90111	25,000	
	478-83-01-M145-EB-8-00M-432-2550		54,968	
	477-73-16-M145-EM-8-72M-499-2550		301,940	
	258-20-00-M145-EB-8-00S-433-2550	808/90110	38,400	
	227-80-00-M145-EB-8-00S-433-2550		38,400	
	632-20-28-M145-EB-8-00S-453-2550		10,800	
1-8-EP-00208(S4)(1F)	575-15-20-M145-EP-8-00M-381-2550	808/90111	334,939	
	250-60-31-M145-EP-8-00M-381-2550		90,000	
	477-72-V3-M145-EP-8-00M-381-2550		95,000	
	477-72-V4-M145-EP-8-00M-381-2550		5,000	
	477-72-V6-M145-EP-8-00M-381-2550		25,000	
	477-72-W3-M145-EP-8-00M-381-2550		75,000	
	477-72-X1-M145-EP-8-00M-381-2550		25,000	
	477-72-X2-M145-EP-8-00M-381-2550		10,000	
	477-72-X3-M145-EP-8-00M-381-2550		15,000	
	953-73-40-M145-EP-8-00M-381-2550		15,000	
	242-33-EU-M145-EP-8-00S-371-2550		808/90110	18,000
	242-33-EV-M145-EP-8-00S-371-2550			18,000
	242-33-EW-M145-EP-8-00S-371-2550			18,000
242-34-ZT-M145-EP-8-00S-381-2550		<u>20,000</u>		

Total \$2,591,259

BX

OMB Approval #: 2700-0042

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 41		3. EFFECTIVE DATE April 7, 1998		4. REQUISITION/PURCHASE REQ. NO. 408360041 (1F)	
5. PROJECT NO. (If applicable)		6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318	
6. ISSUED BY CODE		CODE GP22-S		AUTOMATED INVOICE PAYMENT INFORMATION: (205) 544-5566	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806			(✓)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
				10B. DATED (SEE ITEM 13) 02/26/96	
CODE 14671	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)**

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.
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.)**

	Negotiated	Prov.	Total	Earned	Potential	Total Contract	Total Sum
	Est. Cost	Est. Cost	Est. Cost	Award Fee	Award Fee	Value	Allotted
Previous	\$37,147,506	\$ 0	\$37,147,506	\$645,569	\$1,649,744	\$39,442,819	\$31,864,042
This Mod	0	0	0	771,239	(792,640)	(21,401)	0
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$ 857,104	\$39,421,418	\$31,864,042

See Page 2 for description.

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 L. Presnell	
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 April 7, 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

This modification is issued pursuant to Clause B.2 ESTIMATED COST AND AWARD FEE, the Contractor's acceptance letter dated April 6, 1998, the Fee Determination Official's Award Fee Findings and Determination," dated April 6, 1998, the "Limitation of Funds" clause, and the Contractor's funding letter dated April 7, 1998.

The purpose of this modification is to provide award fee for the period February 26, 1997, through February 25, 1998.

1. B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993), paragraph (b) is deleted in its entirety and the following is substituted therefor:

“(b) Breakout of contract cost and fees is as follows:

<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Base Fee</u>	<u>Maximum Award Fee</u>	<u>Total Contract Value</u>
02/26/96 - 02/25/97	\$10,747,495	\$-0-	\$736,747	\$11,484,242
02/26/97 - 02/25/98	\$12,353,873	\$-0-	\$792,640	\$13,146,513
02/26/98 - 02/25/99	\$14,046,138	\$-0-	\$857,104	\$14,903,242

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
2/26/96 - 8/31/96	\$295,362
9/01/96 - 2/25/97	\$350,207
2/26/97 - 2/25/98	\$771,239”

2. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

“B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$30,172,402. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through August 18, 1998.

(b) An additional amount of \$1,691,640 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$30,310,331	\$ (137,929)	\$30,172,402
Provisional Award Fee	908,142	(633,310)	274,832
Award Fee Earned	<u>645,569</u>	<u>771,239</u>	<u>1,416,808</u>
Total Sum Allotted	\$31,864,042	\$ 0	\$31,864,042

(End of clause)”

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 42		3. EFFECTIVE DATE April 24, 1998		4. REQUISITION/PURCHASE REQ. NO. See Page 1.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 205-544-0318		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
CODE 14671 FACILITY CODE		X	9B. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836	
			10B. DATED (SEE ITEM 13) 02/26/96	

**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 1.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.
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) AND CONTRACTOR'S LETTER DATED 4/24/98.
	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.)**

	Negotiated	Prov.	Total	Earned	Potential	Total	Total Sum
	Est. Cost	Est. Cost	Est. Cost	Award Fee	Award Fee	Contract Value	Allotted
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$31,864,042
This Mod	0	0	0	0	0	0	502,043
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$ 857,104	\$39,421,418	\$32,366,085

See Page 2 for description.

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 L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	April 24, 1998
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated April 24, 1998

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$30,645,875. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through August 27, 1998.

(b) An additional amount of \$1,720,210 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$30,172,402	\$473,473	\$30,645,875
Provisional Award Fee	274,832	28,570	303,402
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$31,864,042	\$502,043	\$32,366,085

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
W-7-EB-00202(S4)(1F)	947-64-00-M145-EB-7-00S-411-2550	807/80110	\$100,000
1-8-EO-00207(1F)	477-72-V8-M145-EO-8-00M-299-2550	808/90111	45,000
W-7-EL-00205(S5)(1F)	947-64-00-M145-EL-7-00S-211-2550	807/80110	55,000
1-8-ES-00209(S2)(1F)	287-23-02-M145-ES-8-51S-790-2550	808/90110	12,004
	287-23-02-M145-ES-8-51S-780-2550		16,000
	398-30-01-M145-ES-8-00M-770-2550	808/90111	30,000
	398-96-01-M145-ES-8-00M-770-2550		57,000
1-8-ED-00203(S5)(1F)	478-83-01-M145-ED-8-00M-621-2550	808/90111	21,500
	398-30-01-M145-ED-8-00M-661-2550		46,000
	398-30-01-M145-ED-8-00M-621-2550		11,250
	262-90-00-M145-ED-8-00S-651-2550	808/90110	1,289
	455-60-20-M145-ED-8-00S-661-2550		42,000
1-8-EL-00205(S6)(1F)	477-72-61-M145-EL-8-00M-213-2550	808/90111	<u>65,000</u>
		Total	\$502,043

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 12 PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO. 43 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 408360043 (1F) 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE GP22-S 7. ADMINISTERED BY (If other than Item 6) CODE MSFC Adm: GP22-S/Sandra Presnell 256-544-0318 AUTOMATED INVOICE PAYMENT INFORMATION: (205) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96

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.

12. ACCOUNTING AND APPROPRIATION DATA (If required) NC

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: FAR 43.103(b)(3) and mutual agreement of the parties 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.)

Table with columns: Negotiated Est. Cost, Prov. Est. Cost, Total Est. Cost, Earned Award Fee, Potential Award Fee, Total Contract Value, Total Sum Allotted. Rows: Previous, This Mod, New Total.

See Page 2 for description.

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 L. Presnell 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED BY (Signature of person authorized to sign) (Signature of Contracting Officer)

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to revise clauses B.3 LEVEL-OF EFFORT (COST) (18-52.216-82)(DEC 1991) and B.7 ALLOWABLE ITEMS OF COST. The clauses are being revised to include language for calculation of fee in the event that a contingency option is exercised and to update Severance Allowance policy, respectively.

1. Clause B.3 LEVEL-OF-EFFORT (COST) (18-52.216-82)(DEC 1991), paragraph (d), is hereby deleted in its entirety and the following is substituted in lieu thereof:

“B.3 LEVEL-OF-EFFORT

(d) The fee, if any, is based upon the furnishing of at least the specified minimum number of direct labor hours, including subcontract hours for an option year of the contract. In the event that a contingency option is exercised during an option year of the contract, all fee for that contract year shall be calculated as specified in Paragraph (e), below. If the Contractor provides less than that specified minimum number of 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. The downward adjustment in fee will be based upon the difference between the minimum direct labor hours specified under this clause and the amount of direct labor hours provided by the Contractor. Prior to making such an adjustment, the Contracting Officer will request the Contractor provide a written discussion of any extenuating circumstances (e.g., productivity improvements or reductions in contract scope) which contributed to the underrun. Any information provided by the Contractor will be considered by the Contracting Officer in determining the amount of the downward adjustment in fee.

(e) If a contingency option is exercised during an option year of the contract, the entire fee for that contract year shall be based upon furnishing the maximum number of direct labor hours, including subcontract hours, for the option year plus the minimum number of direct labor hours, including subcontract hours specified for the contingency option. If these direct labor hours are not provided, the Contracting Officer may unilaterally make an equitable downward adjustment to the contract fee, as discussed in Paragraph (d), above.”

2. Clause B.7 ALLOWABLE ITEMS OF COST, paragraph (c), is hereby deleted in its entirety and the following is substituted in lieu thereof:

B.7 ALLOWABLE ITEMS OF COST

“(c) In accordance with advance agreements between the Government and the Contractor for this contract, allowable costs for the items listed below are subject to the terms and conditions of the Contractor’s administrative policies shown. It is agreed that none of the policies identified below will be changed without the prior approval of the Contracting Officer.

<u>Items of Cost</u>	<u>Agreement Number or Policy Number</u>	<u>Date</u>
Office Furniture, Equipment and ADPE	OL96-382	1/31/96
Defined Benefits Pension Plan	OL96-383	2/01/96
Severance Allowance	2624	5/08/98”

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE 12 PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO. 44 3. EFFECTIVE DATE May 28, 1998 4. REQUISITION/PURCHASE REQ. NO. See Page 1.a 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE GP22-S 7. ADMINISTERED BY (If other than Item 6) CODE MSFC Adm: GP22-S/Sandra Presnell 256-544-0318  
GP22  
Procurement Office  
George C. Marshall Space Flight Center  
National Aeronautics and Space Administration  
Marshall Space Flight Center, AL 35812  
AUTOMATED INVOICE PAYMENT INFORMATION: (205) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836  
10B. DATED (SEE ITEM 13) 02/26/96  
CODE 14671 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 1.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.
- 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) AND CONTRACTOR'S LETTER DATED 5/26/98.
- 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.)

	Negotiated	Prov.	Total	Earned	Potential	Total	Total Sum
	Est. Cost	Est. Cost	Est. Cost	Award Fee	Award Fee	Contract Value	Allotted
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$32,366,085.00
This Mod	0	0	0	0	0	0	1,849,740.11
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$ 857,104	\$39,421,418	\$34,215,825.11

See Page 2 for description.

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 L. Presnell  
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED May 28, 1998  
(Signature of person authorized to sign) BY (Signature of Contracting Officer)

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated May 26, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$32,438,475.11. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through October 2, 1998.

(b) An additional amount of \$1,777,350 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$30,645,875	\$1,792,600.11	\$32,438,475.11
Provisional Award Fee	303,402	57,140.00	360,542.00
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$32,366,085	\$1,849,740.11	\$34,215,825.11

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>	
1-8-ED-00203(S6)(1F)	262-90-00-M145-ED-8-00S-651-2550	808/90110	\$ 2,774	
	242-33-YD-M145-ED-8-00S-661-2550		55,000	
	242-71-20-M145-ED-8-00S-621-2550		14,237.11	
	274-62-00-M145-ED-8-00S-Y03-2550		45,000	
	242-33-01-M145-ED-8-00S-661-2550		42,500	
	953-73-40-M145-ED-8-00M-661-2550	808/90111	30,000	
			250-30-15-M145-SA-8-00M-611-2550	2,500
			250-50-15-M145-ED-8-00M-611-2550	10,000
			260-40-13-M145-ED-8-00M-611-2550	12,500
			953-36-00-M145-ED-8-00M-601-2550	5,000
1-8-EB-00202(S4)(1F)	478-83-01-M145-EB-8-00M-432-2550	808/90111	32	
632-20-27-M145-EB-8-00S-452-2550	808/90110	30,000		
		839-06-70-M145-EB-8-51S-452-2550	30,000	
		227-80-00-M145-EB-8-00S-453-2550	22,000	
		632-20-26-M145-EB-8-00S-451-2550	8,500	
1-8-EO-00207(S1)(1F)	398-30-01-M145-EO-8-00M-299-2550	808/90111	114,000	
1-8-ES-00209(S3)(1F)	962-21-08-M145-ES-8-00S-770-2550	808/90110	7,922	
	287-23-02-M145-ES-8-51S-780-2550		1,200	
	963-80-05-M145-ES-8-00S-770-2550		82,486	
	963-80-11-M145-ES-8-00S-770-2550		108,043	
	963-70-10-M145-ES-8-00S-770-2550		39,611	
	963-70-11-M145-ES-8-00S-770-2550		11,744	
	963-35-02-M145-ES-8-00S-770-2550		11,744	
	963-80-10-M145-ES-8-00S-770-2550		25,250	
	344-03-01-M145-ES-8-00S-780-2550		70,000	
	344-10-10-M145-ES-8-00S-780-2550		60,000	
1-8-EL-00205(S7)(1F)	478-31-36-M145-EL-8-00M-222-2550	808/90111	120,000	
	478-88-14-M145-EL-8-00M-212-2550		72,000	
	478-83-01-M145-EL-8-00M-213-2550		27,000	
	575-15-40-M145-EL-8-00M-212-2550		29,600	
W-7-ES-00209(S7)(1F)	963-80-05-M145-ES-7-00S-770-2550	807/80110	16,697	
	241-02-00-M998-ES-7-89S-780-2550		400	
	963-80-05-M145-ES-7-00S-780-2550		7,000	
W-7-ED-00203(S5)(1F)	242-33-00-M145-ED-7-00S-671-2550	807/80110	90,000	
1-8-EM-00206(S2)(1F)	953-36-00-S651-EM-8-00M-335-2550	808/90111	<u>645,000</u>	
Total			\$1,849,740.11	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 45		3. EFFECTIVE DATE June 23, 1998		4. REQUISITION/PURCHASE REQ. NO. See Pages 1.a and 2.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 256-544-0318		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
				10B. DATED (SEE ITEM 13) 02/26/96
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				

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 Pages 1.a and 2.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.
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) AND CONTRACTOR'S LETTER DATED 6/23/98.
	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.)

	Negotiated	Prov.	Total	Earned	Potential	Total	Total Sum
	Est. Cost	Est. Cost	Est. Cost	Award Fee	Award Fee	Contract Value	Allotted
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$34,215,825.11
This Mod	0	0	0	0	0	0	1,471,532.66
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$ 857,104	\$39,421,418	\$35,687,357.77

See Page 2 for description.

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 L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	June 23, 1998
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated June 23, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$33,852,867.77. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through November 2, 1998.

(b) An additional amount of \$1,834,490 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$32,438,475.11	\$1,414,392.66	\$33,852,867.77
Provisional Award Fee	360,542.00	57,140.00	417,682.00
Award Fee Earned	<u>1,416,808.00</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$34,215,825.11	\$1,471,532.66	\$35,687,357.77

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EL-C0175(1F)	478-82-18-M145-EL-8-00M-222-2550	808/90111	\$ 50,000
1-8-ED-C0233(1F)	477-72-X8-M145-ED-8-00M-661-2550	808/90111	85,000
1-8-EL-C0100(1F)	478-31-36-M145-EL-8-00M-222-2550	808/90111	123,000
1-8-EL-C0093(1F)	477-72-V2-M145-EL-8-00M-213-2550	808/90111	20,586
	477-72-V5-M145-EL-8-00M-213-2550		9,179
	477-72-V8-M145-EL-8-00M-213-2550		4,845
	477-72-W2-M145-EL-8-00M-213-2550		35,432
	477-72-W9-M145-EL-8-00M-213-2550		4,845
	477-72-X2-M145-EL-8-00M-213-2550		21,465
	477-72-X6-M145-EL-8-00M-213-2550		4,845
1-8-EL-C0092(1F)	478-83-01-M145-EL-8-00M-213-2550	808/90111	270,000
1-8-ES-B9379(S1)(1F)	398-96-01-M145-ES-8-00M-770-2550	808/90111	43,000
1-8-ED-B9844(1F)	274-62-00-M145-ED-8-00S-Y03-2550	808/90110	10,000
1-8-EM-C0148(1F)	477-72-W2-M145-JA-8-00M-299-2550	808/90111	42,000
	477-72-X2-M145-JA-8-00M-299-2550		42,000
1-8-EM-C0104(1F)	953-36-00-S651-EM-7-00M-335-2550	807/80111	44,250
1-8-EM-C0150(1F)	622-01-13-M145-HR-7-00S-799-2550	807/80110	64,112
	622-21-01-M145-HR-7-51S-799-2550		4,715
1-8-EM-C0149(1F)	477-72-V1-M145-JA-8-00M-299-2550	808/90111	45,431
1-8-EB-C0152(1F)	477-72-V3-M145-EB-8-00M-411-2550	808/90111	48,668
	477-72-W3-M145-EB-8-00M-411-2550		21,497
	477-72-W6-M145-EB-8-00M-411-2550		16,396
	477-72-W7-M145-EB-8-00M-411-2550		37,685
	477-72-X3-M145-EB-8-00M-411-2550		21,497
1-8-EB-C0153(1F)	477-72-V3-M145-EB-8-00M-433-2550	808/90111	29,924.66
	477-72-V5-M145-EB-8-00M-433-2550		6,591
	477-72-V6-M145-EB-8-00M-433-2550		14,157
1-8-EP-C0075(1F)	242-34-Z0-M145-EP-8-00S-371-2550	808/90110	3,454
	242-34-ZB-M145-EP-8-00S-371-2550		28,454
	242-34-ZD-M145-EP-8-00S-371-2550		5,242
	242-34-ZF-M145-EP-8-00S-371-2550		15,462
1-8-ES-B9660(S1)(1F)	274-62-00-M145-ES-8-00M-Y14-2550	808/90111	1,600
1-8-EB-B8832(1F)	398-30-01-M145-EB-8-00M-411-2550	808/90111	<u>50,000</u>
		Subtotal	\$1,225,332.66

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-15-B9043(1F)	398-30-01-M145-EB-8-00M-411-2550	808/90111	140,000
1-8-EL-B9641(1F)	477-72-04-M145-EL-8-00M-211-2550	808/90111	37,700
1-8-EL-B9874(1F)	575-15-40-M145-EL-8-00M-212-2550	808/90111	20,000
1-8-EH-B9753(1F)	250-60-31-M145-EH-8-00M-532-2550	808/90111	<u>48,500</u>
		Subtotal	\$ 246,200
		Total	\$1,471,532.66

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 46		3. EFFECTIVE DATE July 29, 1998		4. REQUISITION/PURCHASE REQ. NO. See Pages 1.a and 2.a
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 256-544-0318		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
				10B. DATED (SEE ITEM 13) 02/26/96

**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 Pages 1.a and 2.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.
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) AND CONTRACTOR'S LETTER DATED 7/28/98.
	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.)**

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract   <u>Value</u>	Total Sum   <u>Allotted</u>
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$35,687,357.77
This Mod	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,946,709.07</u>
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$ 857,104	\$39,421,418	\$38,634,066.84

See Page 2 for description.

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 L. Presnell	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	July 29, 1998
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated July 28, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$36,685,295.84. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 30, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$33,852,867.77	\$2,832,428.07	\$36,685,295.84
Provisional Award Fee	417,682.00	114,281.00	531,963.00
Award Fee Earned	<u>1,416,808.00</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$35,687,357.77	\$2,946,709.07	\$38,634,066.84

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-ES-C0447(1F)	399-27-03-M145-ES-7-51S-780-2550	807/80110	\$ 25,000
1-8-EL-C0444(1F)	227-80-00-M145-EB-8-00S-212-2550	808/90110	49,353.60
1-8-ES-C0564(1F)	440-08-58-M145-ES-8-51S-780-2550	808/90110	56,000
	344-03-01-M145-ES-8-00S-007-2550		26,000
	344-03-01-M145-ES-8-00S-010-2550		40,000
1-8-EM-C0539(1F)	953-36-00-S651-EM-8-00M-335-2550	808/90111	1,700,000
1-8-ES-C0394(1F)	963-30-01-M145-ES-8-00S-770-2550	808/90110	60,000
	963-80-11-M145-ES-8-00S-770-2550		53,000
	963-88-04-M145-ES-8-00S-770-2550		6,887
1-8-ES-C0484(1F)	287-23-02-M145-ES-7-51S-780-2550	807/80110	4,774.07
1-8-EP-C0049(S1)(1F)	242-71-20-M145-EP-8-00S-371-2550	808/90110	40,000
1-8-15-C0511(1F)	839-40-00-M145-EB-8-00S-453-2550	808/90110	10,000
1-8-ES-C0394(S1)(1F)	963-70-10-M145-ES-8-00S-770-2550	808/90110	36,000
1-8-EL-C0408(1F)	398-96-01-M145-EL-8-00M-221-2550	808/90111	42,944.40
1-8-EL-C0418(1F)	398-30-01-M145-EL-8-00M-211-2550	808/90111	29,000
1-8-EL-C0335(1F)	974-73-38-M145-EL-8-00M-221-2550	808/90111	10,000
	398-45-33-M145-EL-8-00M-221-2550		18,000
	963-40-34-M145-EL-8-00S-221-2550	808/90110	10,000
1-8-EB-C0294(1F)	398-30-01-M145-EB-8-00M-411-2550	808/90111	50,000
1-8-EL-C0387(1F)	398-30-01-M145-EL-8-00M-211-2550	808/90111	29,000
1-8-ED-C0232(1F)	477-72-W6-M145-ED-8-00M-651-2550	808/90111	57,500
	477-72-V3-M145-ED-8-00M-651-2550		212,000
1-8-ED-C0227(1F)	477-72-V5-M145-ED-8-00M-621-2550	808/90111	153,250
	477-72-W3-M145-ED-8-00M-621-2550		173,000
1-8-EP-C0049(1F)	242-71-20-M145-EP-8-00S-371-2550	808/90110	40,000
1-8-EL-C0092(S1)(1F)	478-83-01-M145-EL-8-00M-213-2550	808/90111	17,500
1-8-EL-C0092(S2)(1F)	478-83-01-M145-EL-8-00M-213-2550	808/90111	<17,500>
1-8-ES-B9379(1F)	398-30-01-M145-ES-8-00M-770-2550	808/90111	0
	398-96-01-M145-ES-8-00M-770-2550		<u>0</u>
		Subtotal	\$2,931,709.07

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-ES-B9660(1F)	241-02-00-M998-ES-7-89S-780-2550	807/80110	0
	287-23-02-M145-ES-8-51S-780-2550	808/90110	0
	344-03-01-M145-ES-8-00S-780-2550		0
	344-10-10-M145-ES-8-00S-780-2550		0
	963-80-05-M145-ES-7-00S-780-2550	807/80110	0
1-8-PS-B9454(1F)	632-10-20-M145-PP-8-00S-599-0000	808/90110	50,000
1-8-PS-B9454(S1)(1F)	632-10-20-M145-PP-8-00S-599-0000	808/90110	<50,000>
	632-10-20-M145-PP-8-00S-599-2550		50,000
1-8-EB-00202(S5)(1F)	477-73-16-M145-EM-8-72M-499-2550	808/90111	<u>&lt;35,000&gt;</u>
		Total	\$2,946,709.07

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
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2. AMENDMENT/MODIFICATION NO. 47	3. EFFECTIVE DATE August 26, 1998	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a	5. PROJECT NO. (If applicable)
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6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812	7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 256-544-0318
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AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
		10B. DATED (SEE ITEM 13) 02/26/96

CODE 14671 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 1.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.
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) AND CONTRACTOR'S LETTER DATED 8/26/98.
	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.)

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract <u>Value</u>	Total Sum <u>Allotted</u>
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$38,634,066.84
This Mod	0	0	0	0	0	0	220,000.00
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$38,854,066.84

See Page 2 for description.

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 L. Presnell
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED August 26, 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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated August 26, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$36,905,295.84. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 30, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$36,685,295.84	\$220,000	\$36,905,295.84
Provisional Award Fee	531,963.00	0	531,963.00
Award Fee Earned	<u>1,416,808.00</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$38,634,066.84	\$220,000	\$38,854,066.84

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EB-C0990(1F)	258-20-00-M145-EB-8-00S-441-2550	808/90110	\$ 50,000
1-8-EP-C0829(1F)	398-30-01-M145-EP-8-00M-381-2550	808/90111	70,000
1-8-EH-C0749(1F)	250-30-15-M900-EH-8-00M-523-2550	808/90111	24,000
	323-78-03-M145-EH-8-00Q-523-2550	808/90112	14,000
1-8-ED-C0370(1F)	477-72-04-M145-ED-8-00M-621-2550	808/90111	42,000
1-8-EA-C1053(1F)	477-73-16-M145-EM-8-72M-499-2550	808/90111	35,000
1-8-EO-00207(S2)(1F)	398-30-01-M145-EO-8-00M-299-2550	808/90111	<u>&lt;15,000&gt;</u>
		Total	\$ 220,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>48</b>		3. EFFECTIVE DATE <b>September 11, 1998</b>		4. REQUISITION/PURCHASE REQ. NO. <b>See Page 1.a</b>
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) <b>MSFC Adm: GP22-S/Sandra Presnell 256-544-0318</b>		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806</b>		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE <b>14671</b> FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS8-40836</b>
				10B. DATED (SEE ITEM 13) <b>02/26/96</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 1.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.
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) AND CONTRACTOR'S LETTER DATED 9/11/98.
	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.)**

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract <u>Value</u>	Total Sum <u>Allotted</u>
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$38,854,066.84
This Mod	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>28,120.00</u>
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$38,882,186.84

See Page 2 for description.

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 L. Presnell</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	September 11, 1998
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated September 11, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$36,933,415.84. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 30, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$36,905,295.84	\$28,120	\$36,933,415.84
Provisional Award Fee	531,963.00	0	531,963.00
Award Fee Earned	<u>1,416,808.00</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$38,854,066.84	\$28,120	\$38,882,186.84

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EM-C1252(1F)	953-36-00-S651-EM-7-00M-335-2550	807/80111	\$135,640
	953-36-00-S651-EM-8-00M-335-2550	808/90111	33,860
1-8-EP-00208(S5)(1F)	575-15-50-M145-EP-8-00M-371-2550	808/90111	<112,000>
W-7-ED-00203(S6)(1F)	242-71-30-M145-ED-7-00S-003-2550	807/80110	<u>&lt;29,380&gt;</u>
		Total	\$ 28,120

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 12 PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO. 49 3. EFFECTIVE DATE September 28, 1998 4. REQUISITION/PURCHASE REQ. NO. See Page 1.a 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE GP22-S 7. ADMINISTERED BY (If other than Item 6) CODE MSFC Adm: GP22-S/Sandra Presnell 256-544-0318 AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96

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.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See Page 1.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) AND CONTRACTOR'S LETTER DATED 9/28/98. 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.)

Table with columns: Negotiated Est. Cost, Prov. Est. Cost, Total Est. Cost, Earned Award Fee, Potential Award Fee, Total Contract Value, Total Sum Allotted. Rows: Previous, This Mod, New Total.

See Page 2 for description.

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 L. Presnell 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED September 28, 1998

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated September 28, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$37,204,295.84. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 30, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$36,933,415.84	\$270,880	\$37,204,295.84
Provisional Award Fee	531,963.00	0	531,963.00
Award Fee Earned	<u>1,416,808.00</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$38,882,186.84	\$270,880	\$39,153,066.84

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EP-C0834(1F)	398-30-01-M145-EP-8-00M-381-2550	808/90111	\$ 15,000
1-8-EL-C0154(1F)	478-88-14-M145-EL-8-00M-212-2550	808/90111	21,000
1-8-ES-C1118(1F)	398-45-49-M145-ES-8-00M-790-2550	808/90111	25,000
1-8-ED-C0996(1F)	953-36-00-M145-ED-8-00M-601-2550	808/90111	46,000
1-8-ED-C0797(1F)	477-72-88-M145-ED-8-00M-651-2550	808/90111	30,000
1-8-EP-C0049(S2)(1F)	242-71-20-M145-EP-8-00S-299-2550	808/90110	23,380
1-8-ED-C1205(1F)	242-33-EQ-M145-ED-8-00S-631-2550	808/90110	8,000
1-8-ES-C1056(1F)	274-62-00-M145-ES-8-00S-Y17-2550	808/90110	12,500
1-8-HR-C1431(1F)	622-29-40-M145-HR-8-00S-799-2550	808/90110	15,000
	229-21-46-M145-HR-8-51S-799-2550		25,000
	622-29-03-M145-HR-8-00S-790-2550		<u>50,000</u>
		Total	\$270,880

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>50</b>		3. EFFECTIVE DATE <b>October 28, 1998</b>		4. REQUISITION/PURCHASE REQ. NO. <b>See Page 1.a</b>
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) <b>MSFC Adm: GP22-S/Sandra Presnell 256-544-0318</b>		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806</b>		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
CODE <b>14671</b> FACILITY CODE		X	9B. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS8-40836</b>	
			10B. DATED (SEE ITEM 13) <b>02/26/96</b>	
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				

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 1.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.
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) AND CONTRACTOR'S LETTER DATED 10/28/98.
	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.)

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract <u>Value</u>	Total Sum <u>Allotted</u>
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$39,153,066.84
This Mod	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>&lt;57,500.00&gt;</u>
New Total	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$39,095,566.84

See Page 2 for description.

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 L. Presnell</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	October 28, 1998
		(Signature of Contracting Officer)	

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated October 28, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$37,146,795.84. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 30, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$37,204,295.84	<\$57,500>	\$37,146,795.84
Provisional Award Fee	531,963.00	0	531,963.00
Award Fee Earned	<u>1,416,808.00</u>	<u>0</u>	<u>1,416,808.00</u>
Total Sum Allotted	\$39,153,066.84	<\$57,500>	\$39,095,566.84

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EB-00202(S6)(1F)	227-80-00-M145-EB-8-00S-453-2550	808/90110	<13,610>
1-8-EL-00205(S9)(1F)	227-80-00-M145-EL-8-00S-211-2550	808/90110	<u>&lt;43,890&gt;</u>
		Total	<\$57,500>

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE 12	PAGE OF PAGES 1   3
2. AMENDMENT/MODIFICATION NO. 51	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. See Page 1.a	5. PROJECT NO. (If applicable)
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812	CODE GP22-S	7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 256-544-0318	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)	9A. AMENDMENT OF SOLICITATION NO.
CODE 14671 FACILITY CODE		X	9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836
			10B. DATED (SEE ITEM 13) 02/26/96

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 1.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.
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) AND CONTRACTOR'S LETTER DATED 11/6/98.
	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.)

	Negotiated Est. Cost	Prov. Est. Cost	Total Est. Cost	Earned Award Fee	Potential Award Fee	Total Contract Value	Total Sum Allotted
Previous	\$37,147,506	\$ 0	\$37,147,506	\$1,416,808	\$857,104	\$39,421,418	\$39,095,567
This Mod	0	1,546,988	1,546,988	0	0	1,546,988	548,948
New Total	\$37,147,506	\$1,546,988	\$38,694,494	\$1,416,808	\$857,104	\$40,968,406	\$39,644,515

See Page 2 for description.

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) Lydia H. Butler	
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

**Contract NAS8-40836**  
**Modification No. 51**  
**Page 2**

The purpose of this modification is to provisionally increase the contract in order to provide for continuity of services while awaiting completion of procurement to increase the current level-of-effort. This modification also provides incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated November 6, 1998. The contract is hereby changed in the following particulars:

1. WHEREAS, the Contractor has been directed to perform work within the scope of the contract, but above the negotiated value of the contract due to increased requirements,

WHEREAS, Contractor's proposal resulting from the above has not been definitized,

WHEREAS, the Government desires to increase the estimated cost only, pending final negotiation of the Contractor's proposal,

NOW THEREFORE, the contract is hereby modified to increase the estimated cost.

Clause B.2 Estimated Cost and Award Fee (1852.216-85) (Sep 1993), paragraphs (a) and (b) are hereby deleted in their entirety and replaced as follows:

"B.2 Estimated Cost and Award Fee (1852.216-85) (Sep 1993)

(a) The estimated cost of this contract is \$38,694,494. The maximum available award fee, excluding base fee, if any, is 2,386,491. The base fee is \$-0-. Total estimated cost, base fee, and maximum award fee are \$41,080,985.

(b) Breakout of contract cost and fees is as follows:

<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Provisional Est. Cost</u>	<u>Base Fee</u>	<u>Maximum Award Fee</u>	<u>Total Contract Value</u>
02/26/96 - 02/25/97	\$10,747,495	\$ -0-	\$-0-	\$736,747	\$11,484,242
02/26/97 - 02/25/98	\$12,353,873	\$ -0-	\$-0-	\$792,640	\$13,146,513
02/26/98 - 02/25/99	\$14,046,138	\$1,546,988	\$-0-	\$857,104	\$16,450,230

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
02/26/96 - 08/31/96	\$295,362
09/01/96 - 02/25/97	\$350,207
02/26/97 - 02/25/98	\$771,239

2. Clause B.3 Level-of-Effort (Cost) 18-52.216-82 (Dec 1991), paragraph (a) is hereby deleted in its entirety and replaced as follows:

"B.3 Level-of-Effort (Cost)

(a) During the term of the contract, the Contractor is obligated to provide not less than 296,149 or more than 323,540 total direct labor hours. If the Government elects to exercise any of the options identified in Clause B.2 Estimated Cost and Award Fee, the Contractor is obligated to provide the direct labor hours specified below for the applicable option.

<u>Option No.</u>	<u>Minimum Number of Hours</u>	<u>Maximum Number of Hours</u>
1	294,882	310,402
2	296,149	323,540*
3	296,149	311,736
4	297,418	313,072
C1	72,403	76,214
C2a	37,500	39,477
C2b	34,593	36,411
C3	72,403	76,214
C4	72,403	76,214
C5	72,713	76,541”

\*Includes 11,804 hours for a undefinitized cost growth.

3. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

“B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) (a) For the 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 \$37,695,744. This allotment is for Science and Engineering Services for MSFC’s S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 11, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee. (c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>Action</u>	<u>This</u>	<u>Total</u>
Estimated Cost	\$37,146,796	\$ 0		\$37,146,796
Provisional Estimated Cost	0	548,948		548,948
Provisional Award Fee	531,963	0		531,963
Award Fee Earned	<u>1,416,808</u>	<u>0</u>		<u>1,416,808</u>
Total Sum Allotted	\$39,095,567	\$548,948		\$39,644,515

(End of clause)”

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-ES-C1611(1F)	963-80-12-M145-ES-8-00S-770-2550	808/90110	\$ 36,936
1-8-EO-C1483(1F)	477-72-V8-M145-EO-8-00M-299-2550	808/90111	5,695
1-9-ED-C1542(1F)	963-88-05-M145-ED-8-00S-661-2550	808/90110	28,000
1-8-EH-C1515(1F)	251-10-00-M91B-EB-8-89S-551-2550	808/90110	119,900
1-8-ES-C1423(1F)	963-80-12-M145-ES-8-00S-770-0000	808/90110	13,000
1-8-ED-C1346(1F)	242-71-30-M145-ED-8-00S-621-2550	808/90110	76,000
1-8-ES-C1348(1F)	440-07-61-M145-ES-8-51S-780-2550	808/90110	30,000
1-8-ES-C1164(1F)	963-80-10-M145-ES-8-00S-770-2550	808/90110	18,417
1-8-EP-C0834(S1)(1F)	398-30-01-M145-EP-8-00M-381-2550	808/90111	30,500
1-9-EP-C1582(1F)	242-34-ZT-M145-EP-9-00S-371-2550	809/00110	39,000
1-9-ED-C1385(1F)	242-33-UA-M145-RA-9-00S-671-2550	809/00110	45,000
1-9-ED-C1547(1F)	242-34-ZT-M145-ED-9-00S-621-2550	809/00110	33,000
1-9-EP-C1579(1F)	242-34-ZN-M145-EP-9-00S-371-2550	809/00110	40,000
1-9-ED-C1534(1F)	477-72-62-M145-ED-8-00M-661-2550	808/90111	<u>33,500</u>
		Total	\$548,948

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 12 PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO. 52 3. EFFECTIVE DATE November 24, 1998 4. REQUISITION/PURCHASE REQ. NO. See Page 1.a 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE GP22-S 7. ADMINISTERED BY (If other than Item 6) CODE MSFC Adm: GP22-S/Sandra Presnell 256-544-0318 AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96

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.

12. ACCOUNTING AND APPROPRIATION DATA (If required) See Page 1.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) AND CONTRACTOR'S LETTER DATED 11/24/98. 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.)

Table with 8 columns: Negotiated Est. Cost, Prov. Est. Cost, Total Est. Cost, Earned Award Fee, Potential Award Fee, Total Contract Value, Total Sum Allotted. Rows: Previous, This Mod, New Total.

See Page 2 for description.

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 L. Presnell 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED November 24, 1998

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated November 24, 1998.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$39,019,635. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through December 28, 1998.

(b) An additional amount of \$1,948,771 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>Action</u>	<u>Total</u>	This
Estimated Cost	\$37,146,796	\$1,323,891	\$38,470,687	
Provisional Estimated Cost	548,948	0	548,948	
Provisional Award Fee	531,963	0	531,963	
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>	
Total Sum Allotted	\$39,644,515	\$1,323,891	\$40,968,406	

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EP-C1582(S1)(1F)	242-34-ZT-M145-EP-9-00S-371-2550	809/00110	\$ 78,000
1-9-EA-C1879(1P)	953-36-00-S651-EA-9-00M-000-2550	809/00111	1,110,391
1-9-ED-C1676(1F)	398-96-01-M145-ED-9-00M-621-2550	809/00111	18,000
1-9-ED-C1520(1F)	242-33-YD-M145-ED-9-00S-661-2550	809/00110	22,000
	242-33-YE-M145-ED-9-00S-661-2550		<u>95,500</u>
		Total	\$1,323,891

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 12 PAGE OF PAGES 1 3

2. AMENDMENT/MODIFICATION NO. 53 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. See Page 1.a 5. PROJECT NO. (If applicable)

6. ISSUED BY GP22 CODE GP22-S 7. ADMINISTERED BY (If other than Item 6) MSFC Adm: GP22-S/Sandra Presnell 256-544-0318 CODE AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96

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 1.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).
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 43.103(a)(3) and mutual agreement of the parties
( ) 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.)

Table with columns: Negotiated Est. Cost, Prov. Est. Cost, Total Est. Cost, Earned Award Fee, Potential Award Fee, Total Contract Value, Total Sum Allotted. Rows: Previous, This Mod, New Total.

See Page 2 for description.

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) Stephen P. Beale
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)

The purpose of this modification is to increase the current level-of-effort and to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated December 28, 1998. The contract is hereby changed in the following particulars:

1. Clause B.2 Estimated Cost and Award Fee (1852.216-85) (Sep 1993), paragraphs (a) and (b) are hereby deleted in their entirety and replaced as follows:

"B.2 Estimated Cost and Award Fee (1852.216-85) (Sep 1993)

(b) The estimated cost of this contract is \$50,242,534. The maximum available award fee, excluding base fee, if any, is \$3,302,729. The base fee if \$-0-. Total estimated cost, base fee, and maximum award fee are \$53,545,263.

(c) Breakout of contract cost and fees is as follows:

<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Provisional Est. Cost</u>	<u>Base Fee</u>	<u>Maximum Award Fee</u>	<u>Total Contract Value</u>
02/26/96 - 02/25/97	\$10,747,495	\$ -0-	\$-0-	\$736,747	\$11,484,242
02/26/97 - 02/25/98	\$12,353,873	\$ -0-	\$-0-	\$792,640	\$13,146,513
02/26/98 - 02/25/99	\$27,141,166	\$ -0-	\$-0-	\$1,773,342	\$28,914,508

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
02/26/96 – 08/31/96	\$295,362
09/01/96 - 02/25/97	\$350,207
02/26/97 - 02/25/98	\$771,239"

2. Clause B.3 Level-of-Effort (Cost) 18-52.216-82 (Dec 1991), paragraph (a) is hereby deleted in its entirety and replaced as follows:

"B.3 Level-of-Effort (Cost)

(a) During the term of the contract, the Contractor is obligated to provide not less than 296,149 or more than 550,540 total direct labor hours. If the Government elects to exercise any of the options identified in Clause B.2 Estimated Cost and Award Fee, the Contractor is obligated to provide the direct labor hours specified below for the applicable option.

<u>Option No.</u>	<u>Minimum Number of Hours</u>	<u>Maximum Number of Hours</u>
1	294,882	310,402
2	296,149	550,540*
3	296,149	311,736
4	297,418	313,072
C1	72,403	76,214
C2a	37,500	39,477
C2b	34,593	36,411
C3	72,403	76,214
C4	72,403	76,214
C5	72,713	76,541"

\*Includes increase of 227,000 hours.

3. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

“B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$40,882,115. This allotment is for Science and Engineering Services for MSFC’s S&E Directorate and covers the following estimated period of performance: February 26, 1996, through January 29, 1999.

(c) An additional amount of \$2,086,105 is obligated under this contract for payment of fee.

(d) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$38,470,687	\$2,411,428	\$40,882,115
Provisional Estimated Cost	548,948	(548,948)	0
Provisional Award Fee	531,963	137,334	669,297
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$40,968,406	\$1,999,814	\$42,968,220

(End of clause)”

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EA-C1879(2F)	953-36-00-S651-EA-9-00M-000-2550	809/00111	\$389,609
1-9-ED-C1671(1F)	398-35-07-M145-ED-9-00M-661-2550	809/00111	92,000
1-9-EL-C1710(1F)	478-82-18-M145-EL-9-00M-222-2550	809/00111	35,000
1-9-ED-C1637(1F)	398-35-05-M145-ED-9-00M-661-2550	809/00111	145,700
1-9-ED-C1519(1F)	398-30-50-M145-MG-9-00M-000-2550	809/00111	48,750
1-9-EB-C0761(1F)	477-72-W3-M145-EB-9-00M-300-2550	809/00111	35,835
1-9-EB-C1530(1F)	477-72-W3-M145-EB-9-00M-300-2550	809/00111	28,125
1-9-EP-C1901(1F)	242-33-TD-M145-EP-9-00S-381-2550	809/00110	50,000
1-9-EB-C0757(1F)	477-72-V3-M145-EB-9-00M-300-2550	809/00111	122,500
1-9-EB-C0758(1F)	477-72-W3-M145-EB-9-00M-300-2550	809/00111	63,750
1-9-EB-C0762(1F)	477-72-X3-M145-EB-9-00M-300-2550	809/00111	35,835
1-9-EB-C0760(1F)	477-72-V3-M145-EB-9-00M-300-2550	809/00111	35,835
1-9-EB-C1850(1F)	477-72-X3-M145-EB-9-00M-412-2550	809/00111	31,250
	477-72-W3-M145-EB-9-00M-412-2550		31,250
1-9-EB-C0759(1F)	477-72-X3-M145-EB-9-00M-411-2550	809/00111	63,750
1-9-EL-C1535(1F)	398-30-15-M145-MG-9-00M-211-2550	809/00111	96,995
	398-30-52-M145-MG-9-00M-211-2550		30,630
1-9-EL-C1639(1F)	478-31-36-M145-EL-9-00M-222-2550	809/00111	135,000
1-9-EP-C1898(1F)	242-34-ZT-M145-EP-9-00S-381-2550	809/00110	20,000
1-9-ED-C1489(1F)	398-30-12-M145-MG-9-00M-000-2550	809/00111	71,000
1-9-EL-C1644(1F)	478-83-01-M145-EL-9-00M-335-2550	809/00111	255,000
1-9-ED-C1981(1F)	242-23-57-M151-ED-9-00S-300-2550	809/00110	10,000
	242-33-FG-M151-ED-9-00S-300-2550		20,000
	242-33-FE-M151-ED-9-00S-300-2550		52,000
	242-33-E1-M151-ED-9-00S-300-2550		3,508
	242-33-E2-M151-ED-9-00S-300-2550		6,492
1-9-EL-C1748(1F)	477-72-61-M145-EL-8-00M-213-2550	808/90111	34,000

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EB-C2067(1F)	258-20-00-M145-EB-8-00S-453-2550	808/90110	20,000
1-9-EB-C2069(1F)	599-20-02-M145-EB-8-00M-411-2550	808/90111	21,000
1-9-EB-C1370(1F)	632-20-26-M145-EB-8-00S-451-2550	808/90110	15,000
1-8-EA-C1539(1F)	953-36-00-S651-EM-8-00M-335-2550	808/90111	<u>0</u>
		Total	\$1,999,814

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 12 PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO. 54 3. EFFECTIVE DATE January 19, 1999 4. REQUISITION/PURCHASE REQ. NO. See Page 1.a 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE GP22-S 7. ADMINISTERED BY (If other than Item 6) CODE MSFC Adm: GP22-S/Sandra Presnell 256-544-0318 AUTOMATED INVOICE PAYMENT INFORMATION: (256) 544-5566

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS8-40836 10B. DATED (SEE ITEM 13) 02/26/96

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 1.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) AND CONTRACTOR'S LETTER DATED 1/15/99. 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.)

Table with 8 columns: Negotiated Est. Cost, Prov. Est. Cost, Total Est. Cost, Earned Award Fee, Potential Award Fee, Total Contract Value, Total Sum Allotted. Rows: Previous, This Mod, New Total.

See Page 2 for description.

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 L. Presnell 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED January 19, 1999

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated January 19, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990)

(a) For the 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 \$43,359,572. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through March 18, 1999.

(e) An additional amount of \$2,292,105 is obligated under this contract for payment of fee.

(f) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$40,882,115	\$2,477,457	\$43,359,572
Provisional Estimated Cost	0	0	0
Provisional Award Fee	669,297	206,000	875,297
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$42,968,220	\$2,683,457	\$45,651,677

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-8-EP-C0829(S1)(1F)	398-30-13-M145-MG-9-00M-381-2550	809/00111	\$ 40,000
1-9-ED-C1488(1F)	398-30-50-M145-MG-9-00M-661-2550	809/00111	25,785
1-9-EL-C1972(1F)	477-72-04-M145-EL-9-00M-399-2550	809/00111	13,900
1-9-HR-C2110(1F)	229-21-46-M145-HR-8-51S-000-2550	808/90110	16,000
	622-01-13-M145-HR-8-00S-000-2550		64,112
	622-29-03-M145-HR-8-00S-000-2550		13,600
	622-43-35-M145-HR-8-00S-000-2550		52,500
1-9-EA-C1879(S1)(1F)	953-36-00-S651-EA-9-00M-000-2550	809/00111	2,000,000
1-9-EP-C1579(S1)(1F)	242-34-ZN-M145-EP-9-00S-371-2550	809/00110	11,310
1-9-ED-C1522(1F)	398-30-10-M145-MG-9-00M-000-2550	809/00111	92,250
1-9-EP-C2050(1F)	250-60-31-M145-EP-9-00M-381-2550	809/00111	187,000
1-8-EP-C0834(S2)(1F)	398-30-54-M145-MG-9-00M-381-2550	809/00111	50,000
1-9-ED-C2170(1F)	260-40-13-M145-ED-9-00M-354-2550	809/00111	15,000
1-9-EH-C2086(1F)	250-60-21-M145-EH-9-00M-543-2550	809/00111	10,000
	250-50-15-M145-EH-8-00M-543-2550	808/90111	10,000
1-9-ED-C2137(1F)	477-72-04-M145-ED-9-00M-621-2550	809/00111	12,000
1-9-EP-C2146(1F)	398-35-05-M145-EP-9-00M-381-2550	809/00111	50,000
1-9-ES-C1339(1F)	963-88-07-M145-ES-8-00S-770-2550	808/90110	<u>20,000</u>
		Total	\$2,683,457

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   3
2. AMENDMENT/MODIFICATION NO. <b>55</b>		3. EFFECTIVE DATE <b>2/12/99</b>		4. REQUISITION/PURCHASE REQ. NO. <b>See Page 1.a</b>
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) <b>MSFC Adm: GP22-S/Sandra Presnell 205-544-0318</b>		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE <b>14671</b> FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS8-40836</b>
				10B. DATED (SEE ITEM 13) <b>02/26/96</b>
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				

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 1.a**

<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>	
(✓)	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) FAR CLAUSES 52.217-9, "OPTION TO EXTEND THE TERM OF THE CONTRACT," AND 52.232-22, "LIMITATION OF FUNDS", AND CONTRACTOR'S LETTER DATED 2/4/99.

**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.)

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract <u>Value</u>	Total Sum <u>Allotted</u>
Previous	\$50,242,534	\$ 0	\$50,242,534	\$1,416,808	\$1,773,342	\$53,432,684	\$45,651,677
This Mod	11,586,966	0	11,586,966	0	794,780	12,381,746	2,249,383
New Total	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$47,901,060

See Page 2 for description.

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)	
		Kim E. Whitson	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ORIGINAL SIGNED BY KIM E. WHITSON BY _____	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	2/12/99

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to exercise Option No. 3. The Contractor shall perform the work called for under Clause C.2 Work Statement, during the period of performance of this option. The total estimated cost for performance of all work is \$61,829,500 and potential award fee is \$2,568,122. In addition, this modification provides incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated February 4, 1999. The foregoing action, is further implemented by the inclusion of the following changes:

1. Clause B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993), paragraphs (a) and (b) are hereby deleted in their entirety and the following is substituted in lieu thereof:

"B.2 ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993)

(a) The estimated cost of this contract is \$61,829,500. The maximum available award fee, excluding base fee, if any, is \$4,097,509. The base fee is \$-0-. Total estimated cost, base fee, and maximum award fee are \$65,927,009.

(b) Breakout of contract cost and fees is as follows:

<u>Period Covered</u>	<u>Estimated Cost</u>	<u>Base Fee</u>	<u>Maximum Award Fee</u>	<u>Total Contract Value</u>
02/26/96 - 02/25/97	\$10,747,495	\$-0-	\$736,747	\$11,484,242
02/26/97 - 02/25/98	\$12,353,873	\$-0-	\$792,640	\$13,146,513
02/26/98 - 02/25/99	\$27,141,166	\$-0-	\$1,773,342	\$28,914,508
02/26/99 - 02/25/00	\$11,586,966	\$-0-	\$794,780	\$12,381,746

Breakout of earned award fee is as follows:

<u>Period Covered</u>	<u>Earned Award Fee</u>
2/26/96 - 8/31/96	\$295,362
9/01/96 - 2/25/97	\$350,207
2/26/97 - 2/25/98	\$771,239"

2. Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the 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 \$45,471,621. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through April 21, 1999.

(b) An additional amount of \$2,429,439 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$43,359,572	\$2,112,049	\$45,471,621
Provisional Estimated Cost	0	0	0
Provisional Award Fee	875,297	137,334	1,012,631
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$45,651,677	\$2,249,383	\$47,901,060

(End of clause)"

3. The Clause F.2 PERIOD OF PERFORMANCE, paragraph (a) is deleted in its entirety and the following is substituted in lieu thereof:

“F.2 PERIOD OF PERFORMANCE

(a) The period of performance of this contract shall be February 26, 1996, through February 25, 2000.”

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-EH-C2055(1F)	398-30-14-M145-MG-9-00M-543-2540	809/00111	\$ 21,000
1-9-ED-C2371(1F)	260-40-13-M145-ED-9-00M-621-2550	809/00111	196,000
1-9-ED-C2478(1F)	101-15-08-M145-ED-9-00S-661-2550	809/00110	345,275
1-9-EB-C2308(1F)	839-40-21-M145-EB-9-51S-300-2550 839-06-70-M145-EB-9-51S-300-2550	809/00110	41,250 13,750
1-9-EB-C2338(1F)	478-83-01-M145-EB-9-00M-300-2550	809/00111	394,308
1-9-EL-C2373(1F)	575-15-30-M145-EL-9-00M-222-2550	809/00111	200,000
1-9-EL-C2515(1F)	101-58-53-M145-EL-9-00S-221-2550 963-88-05-M145-EL-8-00S-221-2550	809/00110 808/90110	2,290 47,710
1-9-EB-C2213(1F)	398-35-05-M145-EB-9-00M-453-2550	809/00111	100,000
1-9-EA-C1879(S2)(1F)	992-00-00-S651-EA-8-00M-000-2550	808/90111	459,800
1-9-EH-C2470(1F)	250-60-31-M145-EH-9-00M-532-2550	809/00111	50,000
1-9-EH-C2616(1F)	398-35-01-M145-EH-9-00M-543-2550	809/00111	10,000
1-9-ED-C1542(S1)(1F)	398-30-01-M145-MG-9-00M-661-2550	809/00111	34,000
1-9-EL-C1748(S1)(1F)	477-72-61-M145-EL-9-00M-213-2550	809/00111	34,000
1-9-EH-C1856(1F)	477-72-V3-M145-EH-9-00M-543-2550	809/00111	40,000
1-9-EE-C1724(1F)	250-60-21-M145-EE-9-00M-299-2550	809/00111	40,000
1-9-ED-C2329(1F)	242-35-30-M145-RA-9-00S-651-2550	809/00110	60,000
1-9-ED-C2313(1F)	477-72-88-M145-ED-9-00M-651-2550	809/00111	<u>160,000</u>
		Total	\$2,249,383

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>56</b>		3. EFFECTIVE DATE <b>February 19, 1999</b>		4. REQUISITION/PURCHASE REQ. NO. <b>See Page 1.a</b>
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) <b>MSFC Adm: GP22-S/Sandra Presnell 205-544-0318</b>		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806</b>		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE <b>14671</b> FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS8-40836</b>
				10B. DATED (SEE ITEM 13) <b>02/26/96</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 1.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.
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) AND CONTRACTOR'S LETTER DATED 2/19/99.
	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.)**

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract <u>Value</u>	Total Sum <u>Allotted</u>
Previous	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$47,901,060
This Mod	0	0	0	0	0	0	983,250
New Total	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$48,884,310

See Page 2 for description.

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 L. Presnell</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	February 19, 1999
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated February 19, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the 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 \$46,454,871. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through May 12, 1999.

(b) An additional amount of \$2,429,439 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$45,471,621	\$ 983,250	\$46,454,871
Provisional Estimated Cost	0	0	0
Provisional Award Fee	1,012,631	0	1,012,631
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$47,901,060	\$ 983,250	\$48,884,310

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-RA-35104(1F)	242-35-30-M900-RA-9-00S-000-2550	809/00110	\$ 95,000
1-9-ED-C2530(1F)	477-72-W6-M145-ED-9-00M-661-2550	809/00111	60,000
1-9-ED-C2529(1F)	477-72-X8-M145-ED-9-00M-661-2550	809/00111	30,000
1-9-ED-C2523(1F)	477-72-W3-M145-ED-9-00M-621-2550	809/00111	185,000
1-9-EL-C2569(1F)	398-30-15-M145-MG-9-00M-213-2550 398-30-52-M145-MG-9-00M-213-2550	809/00111	79,000 34,000
1-9-ED-C2494(1F)	477-72-04-M145-ED-9-00M-661-2550	809/00111	58,750
1-9-ED-C2524(1F)	477-72-V3-M145-ED-9-00M-621-2550	809/00111	252,000
1-9-ES-C2504(1F)	344-10-10-M145-ES-9-00S-002-2550	809/00110	30,000
1-9-EH-C2432(1F)	250-30-15-M145-EH-9-00M-523-2550	809/00111	25,000
1-9-ED-C2572(1F)	478-83-01-M145-ED-9-00M-621-2550	809/00111	67,500
1-9-EO-C2457(1F)	398-10-30-M145-EO-9-00M-011-2550	809/00111	<u>67,000</u>
		Total	\$ 983,250

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 12	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>57</b>		3. EFFECTIVE DATE <b>February 26, 1999</b>		4. REQUISITION/PURCHASE REQ. NO. <b>See Page 1.a</b>
6. ISSUED BY GP22 Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812		7. ADMINISTERED BY (If other than Item 6) <b>MSFC Adm: GP22-S/Sandra Presnell 205-544-0318</b>		5. PROJECT NO. (If applicable)
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Sverdrup Technology, Inc. MSFC Group 620 Discovery Drive Huntsville, AL 35806</b>		(✓)		9A. AMENDMENT OF SOLICITATION NO.
CODE <b>14671</b> FACILITY CODE		X		9B. DATED (SEE ITEM 11)
				10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS8-40836</b>
				10B. DATED (SEE ITEM 13) <b>02/26/96</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 1.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.
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) AND CONTRACTOR'S LETTER DATED 2/26/99.
	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.)**

	Negotiated <u>Est. Cost</u>	Prov. <u>Est. Cost</u>	Total <u>Est. Cost</u>	Earned <u>Award Fee</u>	Potential <u>Award Fee</u>	Total Contract <u>Value</u>	Total Sum <u>Allotted</u>
Previous	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$48,884,310
This Mod	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>533,032</u>
New Total	\$61,829,500	\$ 0	\$61,829,500	\$1,416,808	\$2,568,122	\$65,814,430	\$49,417,342

See Page 2 for description.

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 L. Presnell</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	February 26, 1999
		(Signature of Contracting Officer)	

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

The purpose of this modification is to provide incremental funding pursuant to the "Limitation of Funds" clause and the Contractor's letter dated February 26, 1999.

Clause B.6 CONTRACT FUNDING (1852.232-81) (JUN 1990) is hereby deleted in its entirety and the following is substituted in lieu thereof:

"B.6 CONTRACT FUNDING (1852.232-81) (JUNE 1990)

(a) For the 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 \$46,987,903. This allotment is for Science and Engineering Services for MSFC's S&E Directorate and covers the following estimated period of performance: February 26, 1996, through May 20, 1999.

(b) An additional amount of \$2,429,439 is obligated under this contract for payment of fee.

(c) Recapitulation of funding is as follows:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>
Estimated Cost	\$46,454,871	\$ 533,032	\$46,987,903
Provisional Estimated Cost	0	0	0
Provisional Award Fee	1,012,631	0	1,012,631
Award Fee Earned	<u>1,416,808</u>	<u>0</u>	<u>1,416,808</u>
Total Sum Allotted	\$48,884,310	\$ 533,032	\$49,417,342

(End of clause)"

Standard Form 30 Continued

<u>DCN</u>	<u>Program Code</u>	<u>Appropriation</u>	<u>Amount</u>
1-9-ED-C2787(1F)	101-58-53-M145-ED-9-00S-621-2550	809/00110	\$ 18,129
1-9-EB-C2970(1F)	101-58-53-M145-EB-9-00S-452-2550	809/00110	9,203
1-9-EL-C2604(1F)	575-15-40-M145-EL-9-00M-300-2550	809/00111	31,000
	478-88-14-M145-EL-9-00M-300-2550		161,300
	632-10-14-M145-EL-9-00S-3000-2550	809/00110	5,000
1-9-ED-C2573(1F)	478-83-01-M145-ED-9-00M-621-2550	809/00111	67,500
1-9-EL-C2589(1F)	575-15-40-M145-EL-9-00M-300-2550	809/00111	53,400
	478-88-30-M145-EL-9-00M-300-2550		40,000
1-9-ED-C2520(1F)	477-72-X3-M145-ED-9-00M-621-2550	809/00111	30,000
1-9-ED-C2695(1F)	242-33-EQ-M145-ED-9-00S-RBS-2550	809/00110	67,500
1-9-EB-C2911(1F)	323-08-01-M145-EB-9-00Q-441-2550	809/00112	<u>50,000</u>
		Total	533,032