

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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1 2

2. AMENDMENT/MODIFICATION NO. 1	3. EFFECTIVE DATE JUN 30 1989	4. REQUISITION/PURCHASE REQ. NO. See Page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(Y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Page 2

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

(Y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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 requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 I. The purpose of this modification is to allot additional incremental funding in the amount of \$138,000 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$130,386 and \$7,614 respectively. The period for which the total allotted amount covers is through November 30, 1989. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED JUN 30 1989
(Signature of person authorized to sign)			

FILE COPY

"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

ACCOUNTING AND APPROPRIATION DATA

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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1 2

2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. P.R. 3400.0301	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(#)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
P.R. 3400.0301; R13191; \$62,000 (Complete)

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

(#)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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 requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$62,000 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$58,579 and \$3,421 respectively. The period for which the total allotted amount covers is through December 31, 1989. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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) J. Scott Merrell Contract Administrator	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 8/8/89
16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8-3-89

"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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1 3

2. AMENDMENT/MODIFICATION NO. 3	3. EFFECTIVE DATE AUG 31 1989	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(Y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18025
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

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

(Y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause 52.245-5, Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts) (JAN 1986)
	D. OTHER (Specify type of modification and authority)

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

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

The purpose of this modification is to incorporate into the contract Section H-17., Government-Furnished Items (LaRC 52.245-92) (JUN 1988), the Section I Clause 18-52.245-73, Financial Reporting of Government-Owned/Contractor-Held Property (MAR 1989), and to amend Exhibit A, Contract Distribution Requirements. Accordingly, the Contract Schedule is modified as follows:

I. Section H-17. is hereby incorporated into the contract as follows:

(CONTINUED ON ATTACHED PAGES)

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

15A. NAME AND TITLE OF SIGNER (Type or print) J. Scott Merrell Contract Administrator	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PANICE H. CLARK
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 8/8/89
16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED P-31-89

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

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

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

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

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

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

- (c) The annual reporting period shall be from July 1 of each year to June 30 of the following year.
- (d) The Contractor agrees to insert the reporting requirement in all first-tier subcontracts, except that the requirement shall provide for the submission of the subcontractors' reports to the Contractor, not to the Government. The Contractor shall require the subcontractors' reports to be submitted in sufficient time to meet the reporting date in paragraph (c) above.
- (e) The Contractor's report shall consist of a consolidation of the subcontractors' reports and the Contractor's own report."

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

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

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

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

DOCUMENT

LETTER CODE AND  
DISTRIBUTION

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

H-4"

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CONTRACT TABULATION

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

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

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1 2

2. AMENDMENT/MODIFICATION NO. 4	3. EFFECTIVE DATE SEP 05 1989	4. REQUISITION/PURCHASE REQ. NO. See Below	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(Y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE	FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
 PR 9240.1221; R12906; \$53,000 (Complete); PR 9240.1251; R12906; \$5,835 (Complete)

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

(Y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 I. The purpose of this modification is to allot additional incremental funding in the amount of \$58,835 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$55,589 and \$3,246, respectively. The period for which the total allotted amount covers is through March 7, 1990. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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) J. Scott Merrell Contract Administrator	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 19 Sept 89
16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9-5-89



"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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2. AMENDMENT/MODIFICATION NO. 5	3. EFFECTIVE DATE SEP 27 1989	4. REQUISITION/PURCHASE REQ. NO. See Page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(V)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Page 2

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

(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 requested to sign this document and return 1 copy acknowledging receipt 1 copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 I. The purpose of this modification is to allot additional incremental funding in the amount of \$341,400 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$322,562 and \$18,838, respectively. The period for which the total allotted amount covers is through October 31, 1990. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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) J. Scott Merrell Contract Administrator	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED Oct. 3, 1989
16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9-27-89

"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

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ACCOUNTING AND APPROPRIATION DATA

PR 3400.0325; R13191; \$ 90,000 (Complete)
PR 9250.0079; R13022; \$ 25,000 (Complete)
PR 9240.1248; R13428; \$ 47,375
R11732; \$ 25 (Complete)
PR 9240.1270; R12906; \$ 58,000 (Complete)
PR 9240.1271; R12906; \$107,000 (Complete)
PR 9240.1280; R13345; \$ 14,000 (Complete)
Total <u>\$341,400</u>

*File*

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. (6) 3. EFFECTIVE DATE DEC 13 1989 4. REQUISITION/PURCHASE REQ. NO. See Page 2 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-18925 10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required) See Page 2

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

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). 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 requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) 1. The purpose of this modification is to allot additional incremental funding in the amount of \$219,000 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$206,915 and \$12,085 respectively. The period for which the total allotted amount covers is through October 31, 1990. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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) J. Scott Merrell Contract Administrator 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark

15B. CONTRACTOR/OFFEROR Signature of Scott Merrell 15C. DATE SIGNED 18 Dec 1989 16B. UNITED STATES OF AMERICA BY Signature of Panice H. Clark 16C. DATE SIGNED 12-13-89

"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

\* \* \* \* \*

ACCOUNTING AND APPROPRIATION DATA

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CO	ACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 7		3. EFFECTIVE DATE <b>DEC 19 1989</b>		4. REQUISITION/PURCHASE REQ. NO. 9240.1314; 3400.0348	
5. PROJECT NO. (If applicable)		6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709		(#)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.1314; R11737; \$35,600 (Complete); PR 3400.0348; R13191; \$146,000 (Complete)

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

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 I. The purpose of this modification is to allot additional incremental funding in the amount of \$181,600 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$171,580 and \$10,020 respectively. The period for which the total allotted amount covers is through December 31, 1990. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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) J. Scott Merrell Contract Administrator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark	
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 1/4/90	16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 12-19-89

"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGE 1   2
2. AMENDMENT/MODIFICATION NO. 8		3. EFFECTIVE DATE JAN 17 1990	4. REQUISITION/PURCHASE REQ. NO. 9240.1366	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709			(v)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.1366; R13616; \$132,000 (Complete)

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

(v)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 requested to sign this document and return 1 copy acknowledging receipt ~~to the~~ to the issuing office.

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$132,000 pursuant to the Section I clause entitled Limitation of Funds. The total amounts allotted for the purposes of payment of cost and fee are increased by \$124,717 and \$7,283 respectively. The period for which the total allotted amount covers is through January 31, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Cont'd)

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) J. Scott Merrell Contract Administrator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark	
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 24 Jan 90	16B. UNITED STATES OF AMERICA <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 1-17-90



"H-2., Contract Funding

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

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

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CONTRACT TABULATION

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE *file* PAGE OF PAGE  
1 2

2. AMENDMENT/MODIFICATION NO. 9  
3. EFFECTIVE DATE JAN 24 1990  
4. REQUISITION/PURCHASE REQ. NO. 9240.1348  
5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
Research Triangle Institute  
Attn: Mr. Scott Merrell  
P.O. Box 12194  
Research Triangle Park, NC 27709  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
NAS1-18925  
10B. DATED (SEE ITEM 13)  
6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.1348; R11737; \$6,000; R13607; \$6,000; R13616; \$6,000 (Complete)

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

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

E. IMPORTANT: Contractor  is not,  is ~~required~~ requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
I. The purpose of this modification is to allot additional incremental funding in the amount of \$18,000 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$17,007 and \$993, respectively. The period for which the total allotted amount covers remains January 31, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
J. Scott Merrell  
Contract Administrator  
15B. CONTRACTOR/OFFEROR  
*J. Scott Merrell*  
(Signature of person authorized to sign)  
15C. DATE SIGNED  
31 Jan 1990  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
Panice H. Clark  
16B. UNITED STATES OF AMERICA  
*Panice H. Clark*  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
1-24-90

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,139,300. The above allotment covers the following period of performance: From the effective date of the contract through January 31, 1991."

B. An additional amount of \$66,535 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE		PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 10	3. EFFECTIVE DATE FEB 6 1990	4. REQUISITION/PURCHASE REQ. NO. 9240.1401; 9240.1403	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P.O. Box 12194 Research Triangle Park, NC 27709		(y)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required) PR 9240.1401; R13607; \$20,000 (Complete); 9240.1403; R13616; \$12,600 (Complete)

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

(y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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,  requested to sign this document and return 1 copy acknowledging receipt to the issuing office.

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$32,600 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$30,801 and \$1,799, respectively. The period for which the total allotted amount covers remains January 31, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

Except as provided herein, all terms and 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) J. Scott Merrell Contract Administrator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark	
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 12 Feb. 1990	16B. UNITED STATES OF AMERICA <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 2-6-90

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,170,101. The above allotment covers the following period of performance: From the effective date of the contract through January 31, 1991."

B. An additional amount of \$68,334 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE **APR 3 1990**  
 4. REQUISITION/PURCHASE REQ. NO. **1500.0987; 9240.1458; 9240.1459** 5. PROJECT NO. (If applicable)

6. ISSUED BY **11** CODE 7. ADMINISTERED BY (If other than Item 6) CODE  
 National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23665-5225

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P.O. Box 12194  
 Research Triangle Park, NC 27709

(v) 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
 10B. DATED (SEE ITEM 13) **6/21/89**

CODE FACILITY CODE  
 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required) **PR 1500.0987; MI941; \$49,029 (Complete); PR 9240.1458; R13970; \$75,000 (Complete); PR 9240.1459; R13970; \$165,000 (Complete)**

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

- (v) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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~~ requested to sign this document and return 1 copy acknowledging receipt ~~to~~ to the issuing office.

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$289,029 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$273,081 and \$15,948, respectively. The period for which the total allotted amount covers remains March 31, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Panice H. Clark	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	4390

"H-2., Contract Funding

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

B. An additional amount of \$84,282 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 12	3. EFFECTIVE DATE MAY 3 1990	4. REQUISITION/PURCHASE REQ. NO. 9240.1490	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(#)	9A. AMENDMENT OF SOLICITATION NO.
Research Triangle Institute Attn: Mr. Scott Merrell P.O. Box 12194 Research Triangle Park, NC 27709			
			9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		X	10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 PR 9240.1490; R13970; \$10,159 (Complete)

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

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

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.)

I. The purpose of this modification is to allot additional incremental funding in the amount of \$10,159 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$9,598 and \$561, respectively. The period for which the total allotted amount covers remains March 31, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Panice H. Clark	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 5-3-90
(Signature of person authorized to sign)			



"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,452,780. The above allotment covers the following period of performance: From the effective date of the contract through March 31, 1991."

B. An additional amount of \$84,843 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

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

3. AMENDMENT/MODIFICATION NO. **13** 4. REQUISITION/PURCHASE REQ. NO. \_\_\_\_\_ 5. PROJECT NO. (If applicable) \_\_\_\_\_  
 6. ISSUED BY **National Aeronautics and Space Administration** 7. ADMINISTERED BY (If other than Item 6) \_\_\_\_\_  
**Langley Research Center**  
**Hampton, VA 23665-5225**

2. EFFECTIVE DATE  
**MAY 24 1990**

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
**Research Triangle Institute**  
**Attn: Mr. Scott Merrell**  
**P.O. Box 12194**  
**Research Triangle Park, NC 27709**

9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
 9B. DATED (SEE ITEM 11) \_\_\_\_\_  
 10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
 10B. DATED (SEE ITEM 13) **6/21/89**

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

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**PR 9240.1510; R13607; \$50,000 (Complete)**

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 I. The purpose of this modification is to allot additional incremental funding in the amount of \$50,000 pursuant to the Section I clause entitled "Limitation of Funds". The total amounts allotted for the purposes of payment of cost and fee are increased by \$47,241 and \$2,759, respectively. The period for which the total allotted amount covers is April 30, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
**Panice H. Clark**

15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA  
 BY **Panice H. Clark** 16C. DATE SIGNED  
 (Signature of person authorized to sign) (Signature of Contracting Officer) **5-24-90**

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,500,021. The above allotment covers the following period of performance: From the effective date of the contract through April 30, 1991."

B. An additional amount of \$87,602 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGE

2. AMENDMENT/MODIFICATION NO. 14	3. EFFECTIVE DATE MAY 25 1990	4. REQUISITION/PURCHASE REQ. NO. 9240.1509	5. PROJECT NO. (If applicable) 1 2
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.1509; R11732; \$12,000; R13599; \$55,000 (Complete)

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

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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.)

I. The purpose of this modification is to allot additional incremental funding in the amount of \$67,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$63,303 and \$3,697, respectively. The period for which the total allotted amount covers is September 1, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 5-25-90

"H-2., Contract Funding

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

B. An additional amount of \$91,299 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

2. AMENDMENT/MODIFICATION NO. **15**      3. EFFECTIVE DATE **JUN 1 1990**      4. REQUISITION/PURCHASE REQ. NO. **9240.1185/9240.1546**      5. PROJECT NO. (If applicable) \_\_\_\_\_

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
**Research Triangle Institute  
Attn: Mr. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709**

9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
9B. DATED (SEE ITEM 11) \_\_\_\_\_  
10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
10B. DATED (SEE ITEM 13) **6/21/89**

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**PR 9240.1185; R11737; \$113,000 (Complete); PR 9240.1546; R11737; \$40,000 (Complete)**

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

(v) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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.)  
I. The purpose of this modification is to allot additional incremental funding in the amount of \$153,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$144,558 and \$8,442, respectively. The period for which the total allotted amount covers is September 1, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

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

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) **Panice H. Clark**  
15B. CONTRACTOR/OFFEROR \_\_\_\_\_  
15C. DATE SIGNED \_\_\_\_\_  
16B. UNITED STATES OF AMERICA  
BY **Panice H. Clark**  
(Signature of Contracting Officer)  
16C. DATE SIGNED **6-1-90**

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,707,882. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.

B. An additional amount of \$99,741 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Basic					
Contract	\$10,272,000	\$600,000	\$10,872,000	182,000	\$ 55,000
Mod. No. 1	0	0	0	0	138,000
Mod. No. 2	0	0	0	0	62,000
Mod. No. 3	0	0	0	0	0
Mod. No. 4	0	0	0	0	58,835
Mod. No. 5	0	0	0	0	341,400
Mod. No. 6	0	0	0	0	219,000
Mod. No. 7	0	0	0	0	181,600
Mod. No. 8	0	0	0	0	132,000
Mod. No. 9	0	0	0	0	18,000
Mod. No. 10	0	0	0	0	32,600
Mod. No. 11	0	0	0	0	289,029
Mod. No. 12	0	0	0	0	10,159
Mod. No. 13	0	0	0	0	50,000
Mod. No. 14	0	0	0	0	67,000
Mod. No. 15	0	0	0	0	153,000
Total	\$10,272,000	\$600,000	\$10,872,000	182,000	\$1,807,623

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGE  
1 2

2. AMENDMENT/MODIFICATION NO. 16  
 3. EFFECTIVE DATE AUG 8 1990  
 4. REQUISITION/PURCHASE REQ. NO. See Page 2  
 5. PROJECT NO. (If applicable)  
 6. ISSUED BY National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23665-5225  
 7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925  
 10B. DATED (SEE ITEM 13) 6/21/89  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 See Page 2

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

(V) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 X B. THE ABOVE NUMBERED CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying off; 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.)  
 I. The purpose of this modification is to allot additional incremental funding in the amount of \$161,850 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$152,920 and \$8,930, respectively. The period for which the total allotted amount covers is September 1, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED  
 16B. UNITED STATES OF AMERICA BY Panice H. Clark (Signature of Contracting Officer)  
 16C. DATE SIGNED 8-8-90  
 (Signature of person authorized to sign)



"H-2., Contract Funding

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

B. An additional amount of \$108,671 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

Block 12. Accounting and Appropriation Data

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

2. AMENDMENT/MODIFICATION NO. 17  
 3. EFFECTIVE DATE AUG 14 1990  
 4. REQUISITION/PURCHASE REQ. NO. 9240.1184  
 5. PROJECT NO. (If applicable)  
 6. ISSUED BY National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23665-5225  
 7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925  
 10B. DATED (SEE ITEM 13) 6/21/89  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 PR 9240.1184; R11737; \$27,000 (Complete)

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

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

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

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$27,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$25,510 and \$1,490, respectively. The period for which the total allotted amount covers is September 1, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED  
 15D. SIGNATURE (Signature of person authorized to sign)  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 Panice H. Clark  
 16B. UNITED STATES OF AMERICA  
 BY Panice H. Clark  
 (Signature of Contracting Officer)  
 16C. DATE SIGNED  
 8-14-90

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,886,312. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.

B. An additional amount of \$110,161 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE

PAGE OF PAGES

1 2

2. AMENDMENT/MODIFICATION NO. 18	3. EFFECTIVE DATE SEP 11 1990	4. REQUISITION/PURCHASE REQ. NO. 9240.1663	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(#) 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 10B. DATED (SEE ITEM 13) 6/21/89
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.1663; R13970; \$32,000; R14177; \$78,000 (Complete)

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

(#)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
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(D).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

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

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$110,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$103,930 and \$6,070, respectively. The period for which the total allotted amount covers is September 1, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)
	16C. DATE SIGNED 9-11-90

"H-2., Contract Funding

"A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government to this contract is \$1,990,242. The above allotment covers the following period of performance: From the effective date of the contract through September 1, 1991.

B. An additional amount of \$116,231 is obligated under this contract for payment of fee."

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 19		3. EFFECTIVE DATE DEC 06 1990	4. REQUISITION/PURCHASE REQ. NO. 9240.1712	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
			X 10B. DATED (SEE ITEM 13) 6/21/89		
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 PR: 9240.1712; R14219; \$198,000 (Complete)

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

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying off; 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.)

I. The purpose of this modification is to allot additional incremental funding in the amount of \$198,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$187,075 and \$10,925, respectively. The period for which the total allotted amount covers is December 31, 1991. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) PANICE H. CLARK	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>James A. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 12-6-90
(Signature of person authorized to sign)			

"H-2. Contract Funding

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

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

II. All other terms and conditions remain unchanged.

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CONTRACT TABULATION

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

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/ MODIFICATION NO. 20	3. EFFECTIVE DATE DEC 13 1990	4. REQUISITION/ PURCHASE REQ. NO. 3400.0466	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(y)	9A. AMENDMENT OF SOLICITATION NO.
Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709			9B. DATED (SEE ITEM 11)
CODE		X	10A. MODIFICATION OF CONTRACT/ ORDER NO. NAS1-18925
FACILITY CODE			10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 3400.0466; R14458; \$200,000 (Complete)

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

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

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

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

D. OTHER (Specify type of modification and authority)

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

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$200,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$188,964 and \$11,036, respectively. The period for which the total allotted amount covers is February 14, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Panice H. Clark	
15B. CONTRACTOR/ OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 12/13/90
(Signature of person authorized to sign)			



"H-2., Contract Funding

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

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

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGES

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2. AMENDMENT/MODIFICATION NO. 21  
 3. EFFECTIVE DATE JAN 28 1991  
 4. REQUISITION/PURCHASE REQ. NO. See Pg. 2  
 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925  
 10B. DATED (SEE ITEM 13) 6/21/89  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 2

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

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$116,300 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$109,883 and \$6,417, respectively. The period for which the total allotted amount covers is February 14, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED  
 15D. UNITED STATES OF AMERICA  
 15E. BY (Signature of Contracting Officer)  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 James Y. Taylor  
 16B. DATE SIGNED  
 JAN 28 1991

"H-2., Contract Funding

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

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

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

Block No. 12

PR 9240.1733; R14219; \$8,367; R14217; \$8,367; R13616; \$8,366 (Complete)  
 PR 9240.1697; R13599; \$50,000 (Complete)  
 PR 9240.1718; R13599, \$41,200 (Complete)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGES

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2. AMENDMENT/MODIFICATION NO. 22  
 3. EFFECTIVE DATE JAN 30 1991  
 4. REQUISITION/PURCHASE REQ. NO. See Pg. 2  
 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-18925  
 10B. DATED (SEE ITEM 13) 6/21/89  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Page 2

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

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

I. The purpose of this modification is to allot additional incremental funding in the amount of \$575,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$543,273 and \$31,727, respectively. The period for which the total allotted amount covers is February 14, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 Panice H. Clark  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED  
 16B. UNITED STATES OF AMERICA  
 BY Panice H. Clark  
 (Signature of Contracting Officer)  
 16C. DATE SIGNED  
 1-30-91  
 (Signature of person authorized to sign)

"H-2., Contract Funding

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

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

II. All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Tabulation

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

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

TRACT ID CODE PAGE OF PAGES

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2. AMENDMENT/MODIFICATION NO. 23	3. EFFECTIVE DATE FEB 05 1991	4. REQUISITION/PURCHASE REQ. NO. PR 9240.1748	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709	(V)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.1748; R13616; \$100,750 (Complete)

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

(V)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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.)

I. The purpose of this modification is to allot additional incremental funding in the amount of \$100,750 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$95,191 and \$5,559, respectively. The period for which the total allotted amount covers is February 14, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Panice H. Clark
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)
	16C. DATE SIGNED 2-5-91

"H-2., Contract Funding

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

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

II. All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Tabulation

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

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE OF PAGES **1** | **2**  
 2. AMENDMENT/MODIFICATION NO. **24** 3. EFFECTIVE DATE **FEB 22 1991** 4. REQUISITION/PURCHASE REQ. NO. \_\_\_\_\_ 5. PROJECT NO. (If applicable) \_\_\_\_\_

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) \_\_\_\_\_  
 Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709  
 9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
 9B. DATED (SEE ITEM 11) \_\_\_\_\_  
 10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
 10B. DATED (SEE ITEM 13) **6/21/89**  
 CODE \_\_\_\_\_ FACILITY CODE \_\_\_\_\_

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**PR 1500.1087; M1941; \$54,000 (Complete)**

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
**I. The purpose of this modification is to allot additional incremental funding in the amount of \$54,000 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$51,020 and \$2,980, respectively. The period for which the total allotted amount covers is June 3, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:**

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) **Panice H. Clark**  
 15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA  
 BY Panice H. Clark 16C. DATE SIGNED **2-22-91**  
 (Signature of person authorized to sign) (Signature of Contracting Officer)



"H-2., Contract Funding

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

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

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE \_\_\_\_\_ PAGE OF PAGES **1** | **2**  
 2. AMENDMENT/MODIFICATION NO. **25** 3. EFFECTIVE DATE **MAR 6 1991** 4. REQUISITION/PURCHASE REQ. NO. **9240.1811** 5. PROJECT NO. (If applicable) \_\_\_\_\_

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
**Research Triangle Institute  
 Attn: Mr. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709**

9A. AMENDMENT OF SOLICITATION NO. \_\_\_\_\_  
 9B. DATED (SEE ITEM 11) \_\_\_\_\_  
 10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
 10B. DATED (SEE ITEM 13) **6/21/89**

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

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

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

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

**PR 9240.1811; R13616; \$81,815 (Complete)**

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

(y) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 X B. THE ABOVE NUMBERED CONTRACT, ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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.)**

I. The purpose of this modification is to allot additional incremental funding in the amount of \$81,815 pursuant to the Section I clause entitled "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$77,301 and \$4,514, respectively. The period for which the total allotted amount covers is June 3, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print) \_\_\_\_\_ 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) **Panice H. Clark**  
 15B. CONTRACTOR/OFFEROR \_\_\_\_\_ 15C. DATE SIGNED \_\_\_\_\_ 16B. UNITED STATES OF AMERICA BY **Panice H. Clark** 16C. DATE SIGNED **3-6-91**  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

"H-2., Contract Funding

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

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

II. All other terms and conditions remain unchanged.

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Contract Tabulation

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGE  
1 2

2. AMENDMENT/MODIFICATION NO. <b>26</b>	3. EFFECTIVE DATE <b>JUN 20 1991</b>	4. REQUISITION/PURCHASE REQ. NO. <b>9240-1880/9250-0184</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  <b>Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>	(y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
		10B. DATED (SEE ITEM 13) <b>6/21/89</b>
CCODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**PR 9240-1880; R14217; \$30,700 (Complete); PR 9250-0184; R13605; \$25,000 (Complete)**

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

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

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

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

I. The purposes of this Modification No. 26 are to allot additional incremental funding in the amount of \$55,700 pursuant to the Section I clause entitled, "Limitation of Funds," and to extend the funding period. The total amounts allotted for the purposes of payment of cost and fee are increased by \$52,774 and \$2,926, respectively, and the period for which the total allotted amount covers is extended through November 1, 1992. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Panice H. Clark</b>		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED <b>6-20-91</b>
(Signature of person authorized to sign)			

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGE 1   2
2. AMENDMENT/MODIFICATION NO. 27	3. EFFECTIVE DATE JUL 29 1991	4. REQUISITION/PURCHASE REQ. NO. 9240.2002/9240.2013	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(y)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		x	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.2002; R14810; \$50,000 (Complete); PR 9240.2013; R14252; \$200,000 (Complete); PR 9240.2013; R14810; \$122,200 (Complete)

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

(y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
x	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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.)

I. The purposes of this Modification No. 27 are to allot additional incremental funding in the amount of \$372,200 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$351,663 and \$20,537, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) P. H. Clark	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>James H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 7-29-91
(Signature of person authorized to sign)			

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. **28** 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. **9240.2078** 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) (y) 9A. AMENDMENT OF SOLICITATION NO.  
**Research Triangle Institute**  
**Attn: Mr. J. Scott Merrell**  
**P. O. Box 12194**  
**Research Triangle Park, NC 27709-2194**

9B. DATED (SEE ITEM 11)  
 9C. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
 10B. DATED (SEE ITEM 13) **6/21/89**

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**PR9240.2078; R13747; \$9,600 (Complete)**

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

- (y) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- x B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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.)

I. The purposes of this Modification No. 28 are to allot additional incremental funding in the amount of \$9,600 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$9,070 and \$530, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		<b>P. H. Clark</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
_____ <small>(Signature of person authorized to sign)</small>		BY <u>James H. Clark</u> <small>(Signature of Contracting Officer)</small>	<b>9-25-91</b>



"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. <b>29</b>	3. EFFECTIVE DATE <b>SEP 30 1991</b>	4. REQUISITION/PURCHASE REQ. NO. <b>9240.2081</b>	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  <b>Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>	(y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
		10B. DATED (SEE ITEM 13) <b>6/21/89</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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) **PR 9240.1932; R14458; \$29,000 (Partial)**  
**PR9240.2081; R17030; \$19,667 (Complete); R14217; \$6,233 (Complete)**

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

(y)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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.)  
**I. The purpose of this Modification No. 29 is to allot additional incremental funding in the amount of \$54,900 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$51,870 and \$3,030, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:**

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>P. H. Clark</b>		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>James H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED <b>9-30-91</b>

"H-2. Contract Funding

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

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

\*\*\*\*\*

NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. **30** 3. EFFECTIVE DATE **NOV 07 1991** 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
**Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194**

(y) 9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**  
10B. DATED (SEE ITEM 13) **6/21/89**

CODE FACILITY CODE

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

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

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

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 12.**

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
**The purpose of this modification is to incorporate a cost report to assist in tracking and managing the costing process by task assignment. It is agreed that the cost and fee for this contract will not change as a result of this modification. Accordingly, the following changes are hereby made:**

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
**J. SCOTT MERRELL  
CONTRACT ADMINISTRATOR**

15B. CONTRACTOR/OFFEROR  
*J. Scott Merrell*  
(Signature of person authorized to sign)

15C. DATE SIGNED  
**NOV -4 1991**

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
**P. H. Clark**

16B. UNITED STATES OF AMERICA  
BY *P. H. Clark*  
(Signature of Contracting Officer)

16C. DATE SIGNED  
**11-7-91**

I. Exhibit A, Contract Documentation Requirements is hereby modified as follows:

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

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

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

<u>DOCUMENT</u>	<u>LETTER CODE AND DISTRIBUTION</u>
Costing Profile Report	B-1

II. All other provisions remain unchanged.

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. **31** 3. EFFECTIVE DATE **NOV 07 1991** 4. REQUISITION/PURCHASE REQ. NO. **See Below** 5. PROJECT NO. (If applicable)

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

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

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

**Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194**

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**

10B. DATED (SEE ITEM 13) **6/21/89**

CODE FACILITY CODE

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

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**PR 9240.2092; R13600; \$9,600 (Complete)/PR 9240.2086; R17077; 20,350 (Complete)**

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

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

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

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

**The purpose of this modification is to allot additional incremental funding in the amount of \$29,950 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$28,297 and \$1,653, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:**

**(CONTINUED)**

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

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

**P. H. Clark**

15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED

(Signature of person authorized to sign) BY James H. Clark **11-7-91**

(Signature of Contracting Officer)

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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



2. AMENDMENT/MODIFICATION NO. **32** 3. EFFECTIVE DATE **DEC 03 1991** 4. REQUISITION/PURCHASE REQ. NO. **9240-2104** 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 7. ~~ISSUED BY~~ (If other than Item 6) CODE

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

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

**Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194**

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-18925**

10B. DATED (SEE ITEM 13) **6/21/89**

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

**PR 9240.2104: R14219; \$321,500 (Complete)**

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

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

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

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

**The purpose of this modification is to allot additional incremental funding in the amount of \$321,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$303,760 and \$17,740, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:**

**(CONTINUED)**

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
	<b>P. H. Clark</b>
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
BY _____ <small>(Signature of person authorized to sign)</small>	BY <u>James H. Clark</u> <small>(Signature of Contracting Officer)</small>
	<b>12-3-91</b>

"H-2. Contract Funding

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

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

\*\*\*\*\*

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGE  
1 2

2. AMENDMENT/MODIFICATION NO. 33  
3. EFFECTIVE DATE DEC 03 1991  
4. REQUISITION/PURCHASE REQ. NO.  
5. PROJECT NO. (If applicable)

6. ISSUED BY National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23665-5225  
7. AUTHORITY (If other than Item 6) See Page 3

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925  
10B. DATED (SEE ITEM 13) 6/21/89  
X

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Page 3

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

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

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

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

The purpose of this modification is to allot additional incremental funding in the amount of \$164,700 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$155,612 and \$9,088, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
P. H. Clark  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
16B. UNITED STATES OF AMERICA  
BY James M. Clark  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
12-3-91

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

Block 12 data

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE \_\_\_\_\_ PAGE OF PAGE  
1

2. AMENDMENT/MODIFICATION NO. <b>34</b>	3. EFFECTIVE DATE <b>JAN 02 1992</b>	4. REQUISITION/PURPOSE <b>N/A</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  <b>Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>	9A. AMENDMENT OF SOLICITATION NO.  <b>NAS1-18925</b>
	9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>X</b>
	10B. DATED (SEE ITEM 13) <b>6/21/89</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 ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

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

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

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

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

D. OTHER (Specify type of modification and authority)

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

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

**The purpose of this modification is to modify the Rights in Data - General clause of the contract as follows:**

**I. The Section I clause entitled "Rights in Data - General (JUN 1987) - as modified by NASA FAR Supplement 18-27.409 (e)" is hereby deleted in its entirety and the following clause is substituted in lieu thereof:**

(CONTINUED)

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

15A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>J. SCOTT MERRELL CONTRACT ADMINISTRATOR</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>P. H. Clark</b>
15B. CONTRACTOR/OFFEROR <b>J. Scott Merrell</b> (Signature of person authorized to sign)	15C. DATE SIGNED <b>DEC 20 1991</b>
16B. UNITED STATES OF AMERICA By <b>James H. Clark</b> (Signature of Contracting Officer)	16C. DATE SIGNED <b>1-2-92</b>

FILE COPY

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

(a) Definitions.

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

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

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

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

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

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

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

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

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

(b) Allocation of rights.

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

- (i) Data first produced in the performance of this contract;
- (ii) Form, fit, and function data delivered under this contract;
- (iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair of items, components, or processes delivered or furnished for use under this contract; and

(iv) All other data delivered under this contract unless provided otherwise for limited rights data or restricted computer software in accordance with paragraph (g) of this clause.

(2) The Contractor shall have the right to -

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

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

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

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

(c) Copyright.

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

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

(3) Removal of copyright notices. The Government agrees not to remove any copyright notices placed on data pursuant to this paragraph (c), and to include such notices on all reproductions of the data.



(d) Release, publication and use of data.

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

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

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

(e) Unauthorized marking of data.

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

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

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

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

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

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

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

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

(f) Omitted or incorrect markings.

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

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

(ii) Demonstrates that the omission of the notice was inadvertent;

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

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

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

(g) Protection of limited rights data and restricted computer software.

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

(2) Notwithstanding subparagraph (g)(1) of this clause, the contract may identify and specify the delivery of limited rights data, or the Contracting Officer may require by written request the delivery of limited rights data that has been withheld or would otherwise be withholdable. If delivery of such data is so required, the Contractor may affix the following "Limited Rights Notice" to the data and the Government will thereafter treat the data, subject to the provisions of paragraphs (e) and (f) of this clause, in accordance with such Notice:

LIMITED RIGHTS NOTICE (JUN 1987)

- (a) These data are submitted with limited rights under Government Contract No. NAS1-18925 (and subcontract \_\_\_\_\_, if appropriate). These data may be reproduced and used by the Government with the express limitation that they will not, without written permission of the Contractor, be used for purposes of manufacture nor disclosed outside the Government; except that the Government may disclose these data outside the Government for the following purposes, if any, provided that the Government makes such disclosure subject to prohibition against further use and disclosure: Evaluation by non-Government evaluators.
- (b) This Notice shall be marked on any reproduction of these data, in whole or in part.

(End of Notice)

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

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NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATI /MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGE  
1 2

2. AMENDMENT/MODIFICATION NO. 35  
 3. EFFECTIVE DATE JAN 23 1989  
 4. REQUISITION/PURCHASE REQ. NO. 9240.1932  
 5. PROJECT NO. (If applicable)  
 6. ISSUED BY CODE  
 National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23665-5225  
 7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
 Research Triangle Institute  
 Attn: Mr. J. Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709-2194  
 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO.  
 NAS1-18925  
 X 10B. DATED (SEE ITEM 13)  
 6/21/89  
 CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 PR 9240.1932; R14458; \$81,300 (Complete)

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

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

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

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

The purpose of this modification is to allot additional incremental funding in the amount of \$81,300 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$76,814 and \$4,486, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 Panice H. Clark  
 15B. CONTRACTOR/OFFEROR  
 15C. DATE SIGNED  
 15D. UNITED STATES OF AMERICA  
 BY Panice H. Clark  
 (Signature of Contracting Officer)  
 16C. DATE SIGNED  
 1-23-89

NAS1-18925  
 Modification No. 35

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 36	3. EFFECTIVE DATE <b>FEB 07 1992</b>	4. REQUISITION/PURCHASE REQ. NO. 3400.0564	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
CODE			10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 3400.0564; R14458; \$207,500 (Complete)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.			
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  The purpose of this modification is to allot additional incremental funding in the amount of \$207,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$196,051 and \$11,449, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 2-7-92	



NAS1-18925  
 Modification No. 36

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. 37  
3. EFFECTIVE DATE FEB 21 1992  
4. REQUISITION/PURCHASE REQ. NO. See Page 3  
5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925  
10B. DATED (SEE ITEM 13) 6/21/89

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
See Page 3

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
The purpose of this modification is to allot additional incremental funding in the amount of \$254,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$240,457 and \$14,043, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  
(Continued)  
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print)  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
16B. UNITED STATES OF AMERICA BY Panice H. Clark (Signature of Contracting Officer)  
16C. DATE SIGNED 2-21-92

FFF COPY

NAS1-18925  
 Modification No. 37

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation:

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

AMENDMENT OF SOLICITATION . . . MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 38	3. EFFECTIVE DATE MAR 02 1992	4. REQUISITION/PURCHASE REQ. NO. See Page 3	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(✓)	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.		
✓	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		
	D. OTHER (Specify type of modification and authority)		
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)			
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$137,400 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$129,819 and \$7,581, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 3-2-92

NAS1-18925  
 Modification No. 38

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation:

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



2. AMENDMENT/MODIFICATION NO. 39 3. EFFECTIVE DATE MAR 10 1992 4. REQUISITION/PURCHASE REQ. NO. See Page 3 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3

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

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

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

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

The purpose of this modification is to allot additional incremental funding in the amount of \$55,248 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$52,200 and \$3,048, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY Panice H. Clark (Signature of Contracting Officer) 16C. DATE SIGNED 3/10/92

FILE COPY

NAS1-18925  
 Modification No. 39

"H-2. Contract Funding

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

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

\*\*\*\*\*

NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 39

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation:

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

<b>AMENDMENT OF SOLICITATION . . . MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1	OF PAGES 3
2. AMENDMENT/MODIFICATION NO. 40		3. EFFECTIVE DATE - - - <b>APR 02 1992</b>		4. REQUISITION/PURCHASE REQ. NO. See Page 3	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225			7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(✓)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
CODE			10B. DATED (SEE ITEM 13) 6/21/89		
FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.					
<input checked="" type="checkbox"/> B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)					
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$205,200 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$193,878 and \$11,322, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print)		
			Panice H. Clark		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)		16C. DATE SIGNED 4-2-92
(Signature of person authorized to sign)					

FILE COPY

NAS1-18925  
Modification No. 40

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 40

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation:

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

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF	PAGES
2. AMENDMENT/MODIFICATION NO. 41	3. EFFECTIVE DATE <b>MAY 12 1992</b>	4. REQUISITION/PURCHASE REQ. NO. 9240.2248	1	3
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
CODE		10B. DATED (SEE ITEM 13) 6/21/89		
FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2248; R14217; \$55,300 (Complete)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.			
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)				
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$55,300 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$52,249 and \$3,051, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>				
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5-12-92	

FILE COPY

NAS1-18925  
 Modification No. 41

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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



NAS1-18925  
Modification No. 41

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION, MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 42	3. EFFECTIVE DATE <b>MAY 18 1992</b>	4. REQUISITION/PURCHASE REQ. NO. 9240.2256	1 OF 3
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY <i>(If other than Item 6)</i>	CODE
8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i> Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		9A. AMENDMENT OF SOLICITATION NO.	9B. DATED <i>(SEE ITEM 11)</i>
CODE		FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED <i>(SEE ITEM 13)</i> 6/21/89
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA <i>(If Required)</i> PR 9240.2256; R17393; \$95,800 (Complete)			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify Authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.		
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc)</i> 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 <i>(Specify type of modification and authority)</i>		
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION <i>(Organized by UCF section headings, including solicitation/contract subject matter where feasible)</i>  The purpose of this modification is to allot additional incremental funding in the amount of \$95,800 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$90,514 and \$5,286, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.			
15A. NAME AND TITLE OF SIGNER <i>(Type or Print)</i>		16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or Print)</i> Panice H. Clark	
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 5-18-92

NAS1-18925  
Modification No. 42

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 42

NASA Contract NAS1-18925 Tabulation Summary

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

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT** 1. COM ID CODE PAGE OF PAGES  
1 3

2. AMENDMENT/MODIFICATION NO. 43 3. EFFECTIVE DATE JUL 28 1992 4. REQUISITION/PURCHASE REQ. NO. 9240.2300 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2300; R17077; \$81,500 (Complete)

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
The purpose of this modification is to allot additional incremental funding in the amount of \$81,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$77,003 and \$4,497, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  
(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark  
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign) 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY Panice H. Clark (Signature of Contracting Officer) 16C. DATE SIGNED 7-28-92

NAS1-18925  
 Modification No. 43

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 43

NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION. MODIFICATION OF CONTRACT</b>		1. CCF	TACT ID CODE	PAGE 1	OF 3	PAGES 3
2. AMENDMENT/MODIFICATION NO. 44		3. EFFECTIVE DATE NOV 02 1992		4. REQUISITION/PURCHASE REQ. NO. 9240.2318		5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)		CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(√)	9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
			(√)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE				10B. DATED (SEE ITEM 13) 6/21/89		
FACILITY CODE			11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2318; R17533; \$16,500 (Partial) (Task Assignment No. 19)						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.					
(√)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
	D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)						
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$16,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$15,590 and \$910, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>						
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)		16C. DATE SIGNED 11-2-92



NAS1-18925  
Modification No. 44

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 44

NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. TRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 45	3. EFFECTIVE DATE <b>NOV 19 1992</b>	4. REQUISITION/PURCHASE REQ. NO. 3400.1047	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE		FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 3400.1047; R14458; \$200,300 (Complete)			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.		
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)			
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$200,300 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$189,248 and \$11,052, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print)	
		Panice H. Clark	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED
(Signature of person authorized to sign)		<i>Panice H. Clark</i> (Signature of Contracting Officer)	11-19-92

NAS1-18925  
 Modification No. 45

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 45

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE 1	OF 3	PAGES 3
2. AMENDMENT/MODIFICATION NO. 46	3. EFFECTIVE DATE <b>DEC 02 1992</b>	4. REQUISITION/PURCHASE REQ. NO. 9240.2353	5. PROJECT NO. (If applicable)		
6. ISSUED BY CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
		( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE		FACILITY CODE		10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2353; R 14239; \$60,000 (Complete) (Task 26)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.				
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)					
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$60,000 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$56,689 and \$3,311, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 10-2-92	

NAS1-18925  
 Modification No. 46

"H-2. Contract Funding

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

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

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- NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 46

NASA Contract NAS1-18925 Tabulation Summary

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



<b>AMENDMENT OF SOLICITATION    MODIFICATION OF CONTRACT</b>		TRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 47	3. EFFECTIVE DATE <b>DEC 09 1992</b>	4. REQUISITION/PURCHASE REQ. NO. See Page 3	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE		10B. DATED (SEE ITEM 13) 6/21/89	
FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3			
<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:		
	D. OTHER - (Specify type of modification and authority)		
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> 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)			
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$89,300 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$84,373 and \$4,927, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark	
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 12-9-92

NAS1-18925  
 Modification No. 47

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NAS1-18925  
Modification No. 47

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation Data

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

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

<b>AMENDMENT OF SOLICITATION    MODIFICATION OF CONTRACT</b>		CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 48	3. EFFECTIVE DATE <b>DEC 30 1992</b>	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY (If other than item 6) <b>82U-4500</b>	CODE
3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		( <input checked="" type="checkbox"/> ) 9A. AMENDMENT OF SOLICITATION NO.	
		( <input type="checkbox"/> ) 9B. DATED (SEE ITEM 11)	
		( <input checked="" type="checkbox"/> ) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
CODE		10B. DATED (SEE ITEM 13) 6/21/89	FACILITY CODE
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) N/A			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.		
	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).		
( <input checked="" type="checkbox"/> )	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NASA FAR Supplement 18-19.708-70(b)		
	D. OTHER (Specify type of modification and authority)		
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)			
The purpose of this modification is to change the reporting frequency for the Summary Subcontract Report (SF 295) from an annual to a quarterly basis. Accordingly, the following changes are made to the Contract Schedule:  (Continued)			
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.			
15A. NAME AND TITLE OF SIGNER (Type or Print) <b>J. Scott Merrell Contracting Officer</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) <b>Panice H. Clark</b>	
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)		15C. DATE SIGNED DEC 30 1992	16B. UNITED STATES OF AMERICA <i>Panice H. Clark</i> (Signature of Contracting Officer)
			16C. DATE SIGNED 12-30-92

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

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

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION</b>		<b>MODIFICATION OF CONTRACT</b>		1. TRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 49	3. EFFECTIVE DATE DEC 21 1992	4. REQUISITION/PURCHASE REQ. NO. 9240.2357		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(✓)	9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
		(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE		FACILITY CODE		10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2357; R14219; \$8,000; R14217; \$8,000; R17535; \$7,900 (Complete) (Task 7)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.				
(✓)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)					
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$23,900 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$22,581 and \$1,319, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)		16C. DATE SIGNED 12/21/92

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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



NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$6,004,636</u>

<b>AMENDMENT OF SOLICITATION</b>		<b>MODIFICATION OF CONTRACT</b>		CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 50		3. EFFECTIVE DATE <b>JAN 11 1993</b>		4. REQUISITION/PURCHASE REQ. NO. See Page 3	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. NASI-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.					
<input checked="" type="checkbox"/> B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)					
The purpose of this modification is to allot additional incremental funding in the amount of \$236,400 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$223,356 and \$13,044, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)		16C. DATE SIGNED 1-11-93

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$6,241,036</u>

PR Accounting and Appropriation Data

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

**There is no Modification #51**

**Modifications were inadvertently numbered**

<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 52	3. EFFECTIVE DATE <b>FEB 02 1993</b>	4. REQUISITION/PURCHASE REQ. NO. 9240.2383	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2383; R17787; \$65,000 (Complete) (Task Assignment 28)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.			
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)				
The purpose of this modification is to allot additional incremental funding in the amount of \$65,000 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$61,413 and \$3,587, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 2-2-93	

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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



2. AMENDMENT/MODIFICATION NO. 53	3. EFFECTIVE DATE MAR 23 1993	4. REQUISITION/PURCHASE REQ. NO. See Block 12	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
PR 6100.2038; R17908; \$24,980 (Complete); PR 6100.2040; R17669; \$2,220 (Complete) (Task Assignment 29)

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

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

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

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

The purpose of this modification is to allot additional incremental funding in the amount of \$27,200 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$25,699 and \$1,501, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
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 3-23-93

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. 54	3. EFFECTIVE DATE <b>JUN 10 1993</b>	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Office of Research Contracts P. O. Box 12194 Research Triangle Park, NC 27709-2194	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

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

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

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

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

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

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

(✓) C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
**Armed Services Procurement Act (10 U.S.C. 2307)**

D. OTHER (Specify type of modification and authority)

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

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

The purposes of this modification are to (1) change the payment provisions in Section G to provide for advance payments and (2) add the Advanced Payments clause in full text to Section I. Therefore, the following changes are made to the Contract Schedule:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print) <b>James J. Bellard</b> DIRECTOR OFFICE OF RESEARCH CONTRACTS	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) <b>Panice H. Clark</b>
15B. CONTRACTOR/OFFEROR <i>James J. Bellard</i> (Signature of person authorized to sign)	15C. DATE SIGNED <b>4/16/93</b>
15B. CONTRACTOR/OFFEROR <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>6-10-93</b>



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

(C) Make progress or maintain a financial condition adequate for performance of this contract;

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

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

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

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

(v) The commission of an act of bankruptcy.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

IV. All other terms and conditions remain unchanged.

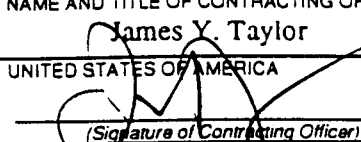
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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 55		3. EFFECTIVE DATE <b>APR 12 1993</b>		4. REQUISITION/PURCHASE REQ. NO. 9240.2405	
5. PROJECT NO. (If applicable)		6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2405; R 17523; \$9,600; R 17574; \$9,600 (Complete) (Task Assignment 19 revision)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.					
<input checked="" type="checkbox"/> B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)					
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$19,200 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$18,141 and \$1,059, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>					
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) James Y. Taylor			
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 <b>APR 12 1993</b>	

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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



NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$6,352,436</u>

AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 56	3. EFFECTIVE DATE <b>APR 28 1993</b>	4. REQUISITION/PURCHASE REQ. NO. 9020.0514	5. PROJECT NO. (If applicable)		
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(✓)	9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
		(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE		FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9020.0514; R17317; \$54,500 (Complete) (Task Assignment 30)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.				
(✓)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)					
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$54,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$51,493 and \$3,007, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	15B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)	16C. DATE SIGNED 4-28-93		

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION. MODIFICATION OF CONTRACT</b>		TRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 57	3. EFFECTIVE DATE <b>MAY 24 1993</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE		FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2413; R17255; \$58,600 (Complete) (T/A 31); PR 9320.1230; R17274; \$40,000 (Complete) (T/A 32)			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.		
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)			
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$98,600 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$93,159 and \$5,441, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Panice H. Clark</u> (Signature of Contracting Officer)	16C. DATE SIGNED 5-24-93

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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





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

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

2. AMENDMENT/MODIFICATION NO. 59	3. EFFECTIVE DATE JUN 10 1993	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
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6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	7. ADMINISTERED BY (If other than Item 6) 
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

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

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

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

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

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

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

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

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

The purpose of this Modification No. 59 is to extend the contract period of performance by twenty-four (24) months. Therefore, the Contract Schedule is revised as follows:

I. F-1., Period of Performance - Task Assignments (LaRC 52.212-112) (MAR 1989), paragraph A. is revised to extend the period for issuance of task assignments by twenty-four (24) months from sixty (60) months to eight-four (84)

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) <b>Panice H. Clark</b>
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA BY  <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED  <b>930</b>

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

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$6,505,536</u>

AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE 1	OF	PAGES 3
2. AMENDMENT/MODIFICATION NO. 60		3. EFFECTIVE DATE JUN 21 1993		4. REQUISITION/PURCHASE REQ. NO. 9240.2442		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.		
					9B. DATED (SEE ITEM 11)		
				( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE					10B. DATED (SEE ITEM 13) 6/21/89		
FACILITY CODE							
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2442; R17255; \$6,000; R17535; \$2,700 (Complete) (T/A 33)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.						
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)							
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$8,700 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$8,220 and \$480, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>							
15A. NAME AND TITLE OF SIGNER (Type or Print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY <i>Panice H. Clark</i> (Signature of Contracting Officer)		16C. DATE SIGNED 6-24-93	

"H-2. Contract Funding

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

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

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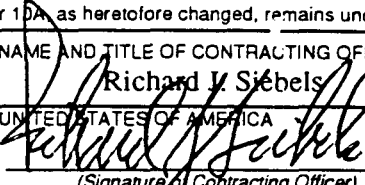
NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$6,514,236</u>



AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE 1	OF 3	PAGES 3
2. AMENDMENT/MODIFICATION NO. 61		3. EFFECTIVE DATE <b>JUL 13 1993</b>		4. REQUISITION/PURCHASE REQ. NO. 9240.2440		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE				FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
						10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2440; R18102; \$125,000 (Complete) (T/A 34)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.							
<input checked="" type="checkbox"/> B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  The purpose of this modification is to allot additional incremental funding in the amount of \$125,000 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$118,103 and \$6,897, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or Print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Richard J. Siebels			
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 <b>JUL 13 1993</b>	

"H-2. Contract Funding

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

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

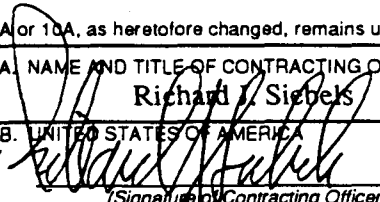
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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION... MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 62		3. EFFECTIVE DATE <b>SEP 09 1993</b>		4. REQUISITION/PURCHASE REQ. NO. 9240.2458/9240.2460
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(✓)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
CODE		10B. DATED (SEE ITEM 13) 6/21/89		
FACILITY CODE				
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.			
✓	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).			
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
	D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)				
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$47,000 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$44,407 and \$2,593, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align:center;">(Continued)</p> <p>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.</p>				
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print)		
		Richard J. Siebels		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED	
(Signature of person authorized to sign)		 (Signature of Contracting Officer)	<b>SEP 09 1993</b>	

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

ACCOUNTING AND APPROPRIATION DATA

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

2. AMENDMENT/MODIFICATION NO. 63	3. EFFECTIVE DATE <b>SEP 30 1993</b>	4. REQUISITION/PURCHASE REQ. NO. 9240.2481	5. PROJECT NO. (If applicable)
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6. ISSUED BY CODE  National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	7. ADMINISTERED BY (If other than Item 6) CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
PR 9240.2481; R17516; \$1,700; R17533; \$7,000 (Partial) (Task 19 Revision)

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

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

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

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

The purpose of this modification is to allot additional incremental funding in the amount of \$8,700 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$8,220 and \$480, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Richard J. Siebels
15B. CONTRACTOR/OFFEROR  <i>(Signature of person authorized to sign)</i>	16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>
15C. DATE SIGNED	16C. DATE SIGNED <b>SEP 30 1993</b>

"H-2. Contract Funding

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

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

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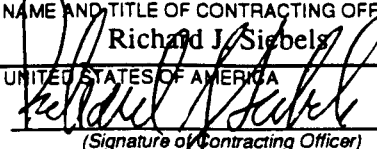
NASA Contract NAS1-18925 Tabulation Summary

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



NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION</b>		<b>MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE 1	OF 1	PAGES 3
2. AMENDMENT/MODIFICATION NO. 64		3. EFFECTIVE DATE NOV 17 1993		4. REQUISITION/PURCHASE REQ. NO. 9240.2481		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225		7. ADMINISTERED BY (If other than Item 6)		CODE		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
CODE				FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
						10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2481; R18488; \$6,300 (Complete) (Task 19 Revision)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
<input checked="" type="checkbox"/> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.							
<input checked="" type="checkbox"/> B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  The purpose of this modification is to allot additional incremental funding in the amount of \$6,300 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$5,952 and \$348, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or Print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Richard J. Sigbels			
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 NOV 17 1993	

"H-2. Contract Funding

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

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

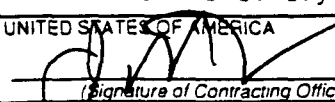
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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

<b>AMENDMENT OF SOLICITATION . MODIFICATION OF CONTRACT</b>		1. ITRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 65	3. EFFECTIVE DATE <b>DEC 14 1993</b>	4. REQUISITION/PURCHASE REQ. NO. 9240.2495	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE		FACILITY CODE	10B. DATED (SEE ITEM 13) 6/21/89
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>			
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR 9240.2495; R14217; \$9,000; R18312; \$9,000; HP110P; \$9,000 (Complete) (Task 7 Revision)			
<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:		
	D. OTHER (Specify type of modification and authority)		
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)			
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$27,000 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$25,510 and \$1,490, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, a heretofore changed, remains unchanged and in full force and effect.</p>			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) James Y. Taylor	
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 <b>DEC 14 1993</b>

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1   3
2. AMENDMENT/MODIFICATION NO. 66	3. EFFECTIVE DATE DEC 30 1993	4. REQUISITION/PURCHASE REQ. NO. 9240.2512	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
		10B. DATED (SEE ITEM 13) 6/21/89		
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR 9240.2512; R14217; \$91,500 (Complete) Task 36

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

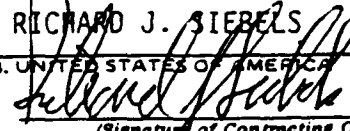
<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input checked="" type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
 The purpose of this modification is to allot additional incremental funding in the amount of \$91,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$86,451 and \$5,049, respectively. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGES)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		RICHARD J. SIEBELS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY 	DEC 30 1993
		(Signature of Contracting Officer)	



"H-2. CONTRACT FUNDING

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

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

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NASA CONTRACT NAS1-18925 TABULATION SUMMARY

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

Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	0	0	0	0	6,300
Mod. No. 65	0	0	0	0	27,000
Mod. No. 66	0	0	0	0	91,500
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$6,819,736</u>

2. AMENDMENT/MODIFICATION NO. <b>67</b>	3. EFFECTIVE DATE <b>JAN 04 1994</b>	4. REQUISITION/PURCHASE REQ. NO. <b>See Page 3</b>	5. PROJECT NO. (If applicable)
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6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23665-5225</b>	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) <b>Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(✓)	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
		10B. DATED (SEE ITEM 13) <b>6/21/89</b>

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required)  
**See Page 3**

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

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

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

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

D. OTHER (Specify type of modification and authority)

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

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

The purpose of this modification is to allot additional incremental funding in the amount of \$363,200 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$343,159 and \$20,041, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:

(Continued)

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

15A. NAME AND TITLE OF SIGNER (Type or Print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) <b>Richard J. Stebels</b>
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
	16B. UNITED STATES OF AMERICA BY <b>[Signature]</b> (Signature of Contracting Officer)
	16C. DATE SIGNED <b>JAN 04 1994</b>

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation Data

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

<b>AMENDMENT OF SOLICITATION</b>		<b>MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE 1 OF 3 PAGES
2. AMENDMENT/MODIFICATION NO. 68	3. EFFECTIVE DATE FEB 18 1994	4. REQUISITION/PURCHASE REQ. NO. See Page 3		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(✓)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
CODE				10B. DATED (SEE ITEM 13) 6/21/89	
FACILITY CODE			11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.				
✓	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  The purpose of this modification is to allot additional incremental funding in the amount of \$150,800 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$142,479 and \$8,321, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) James Y. Taylor		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	15D. UNITED STATES OF AMERICA BY	15E. DATE SIGNED FEB 18 1994	16C. DATE SIGNED	
			(Signature of Contracting Officer)		

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

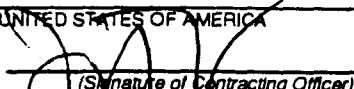
NASA Contract NAS1-18925 Tabulation Summary

	<u>Est. Cost</u>	<u>Fixed Fee</u>	<u>CPFF</u>	<u>Hours</u>	<u>Funding</u>
Mod. No. 35	0	0	0	0	81,300
Mod. No. 36	0	0	0	0	207,500
Mod. No. 37	0	0	0	0	254,500
Mod. No. 38	0	0	0	0	137,400
Mod. No. 39	0	0	0	0	55,248
Mod. No. 40	0	0	0	0	205,200
Mod. No. 41	0	0	0	0	55,300
Mod. No. 42	0	0	0	0	95,800
Mod. No. 43	0	0	0	0	81,500
Mod. No. 44	0	0	0	0	16,500
Mod. No. 45	0	0	0	0	200,300
Mod. No. 46	0	0	0	0	60,000
Mod. No. 47	0	0	0	0	89,300
Mod. No. 48	0	0	0	0	0
Mod. No. 49	0	0	0	0	23,900
Mod. No. 50	0	0	0	0	236,400
Mod. No. 51	0	0	0	0	0
Mod. No. 52	0	0	0	0	65,000
Mod. No. 53	0	0	0	0	27,200
Mod. No. 54	0	0	0	0	0
Mod. No. 55	0	0	0	0	19,200
Mod. No. 56	0	0	0	0	54,500
Mod. No. 57	0	0	0	0	98,600
Mod. No. 58	0	0	0	0	0
Mod. No. 59	0	0	0	0	0
Mod. No. 60	0	0	0	0	8,700
Mod. No. 61	0	0	0	0	125,000
Mod. No. 62	0	0	0	0	47,000
Mod. No. 63	0	0	0	0	8,700
Mod. No. 64	0	0	0	0	6,300
Mod. No. 65	0	0	0	0	27,000
Mod. No. 66	0	0	0	0	91,500
Mod. No. 67	0	0	0	0	363,200
Mod. No. 68	0	0	0	0	150,800
Total	<u>\$10,272,000</u>	<u>\$600,000</u>	<u>\$10,872,000</u>	<u>182,000</u>	<u>\$7,333,736</u>

Accounting and Appropriation Data

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



<b>AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 OF 3
2. AMENDMENT/MODIFICATION NO. 69	3. EFFECTIVE DATE <b>MAR 03 1994</b>	4. REQUISITION/PURCHASE REQ. NO. See Page 3	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(✓)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		✓	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>			
<input type="checkbox"/> The above number solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3			
<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:		
	D. OTHER (Specify type of modification and authority)		
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)			
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$118,600 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$112,056 and \$6,544, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) James Y. Taylor	
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 <b>MAR 03 1994</b>

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation Data

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

2. AMENDMENT/MODIFICATION NO. 70 3. EFFECTIVE DATE APR 04 1994 4. REQUISITION/PURCHASE REQ. NO. DIE^2551 5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 10B. DATED (SEE ITEM 13) 6/21/89

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

12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR DIE^2551; R18486; \$2,500 (Complete)

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible) The purpose of this modification is to allot additional incremental funding in the amount of \$2,500 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$2,362 and \$138, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof: (Continued) Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer) 16C. DATE SIGNED 4-21-94

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

**AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE 1 OF 3 PAGES 3

2. AMENDMENT/MODIFICATION NO. 71  
3. EFFECTIVE DATE APR 29 1994  
4. REQUISITION/PURCHASE REQ. NO. N/A  
5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. NASI-18925  
10B. DATED (SEE ITEM 13) 6/21/89

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

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

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
 The purpose of this modification is to delete the requirement for submission of quarterly financial management reports. The Contract Schedule is therefore revised as follows:  
 (Continued)  
 Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or Print) J. Scott Merrell Contracting Officer  
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark  
 15B. CONTRACTOR/OFFEROR Signature of person authorized to sign  
 16B. UNITED STATES OF AMERICA BY Signature of Contracting Officer  
 16C. DATE SIGNED 4-29-94

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

II. All other terms and conditions remain unchanged.

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NASA Contract NAS1-18925 Tabulation Summary

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



NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE	OF	PAGES
2. AMENDMENT/MODIFICATION NO. 72		3. EFFECTIVE DATE APR 14 1994		4. REQUISITION/PURCHASE REQ. NO. DIE .2548		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				(√)	9A. AMENDMENT OF SOLICITATION NO.		
					9B. DATED (SEE ITEM 11)		
				√	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE					10B. DATED (SEE ITEM 13) 6/21/89		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If Required) PR DIE .2548; HP110XP; \$16,300 (Complete) (Task 26 & 27 revision)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.						
√	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
	D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  The purpose of this modification is to allot additional incremental funding in the amount of \$16,300 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$15,401 and \$899, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:  (Continued)  Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or Print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY <u>James H. Clark</u> (Signature of Contracting Officer)		16C. DATE SIGNED 4-14-94	

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

AMENDMENT OF SOLICITATION		MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES
				1	3
2. AMENDMENT/MODIFICATION NO. 73	3. EFFECTIVE DATE MAY 05 1994	4. REQUISITION/PURCHASE REQ. NO. See Page 3		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(√)	9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
		(√)	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
CODE		FACILITY CODE		10B. DATED (SEE ITEM 13) 6/21/89	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If Required) See Page 3					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
(√)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.				
(√)	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
	D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> 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)					
<p>The purpose of this modification is to allot additional incremental funding in the amount of \$67,600 pursuant to the Section I clause entitled, "Limitation of Funds." The total amounts allotted for the purposes of payment of cost and fee are increased by \$63,870 and 3,730, respectively. Therefore, H-2., Contract Funding, paragraphs A. and B. are deleted in their entirety and the following is substituted in lieu thereof:</p> <p style="text-align: center;">(Continued)</p> <p>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.</p>					
15A. NAME AND TITLE OF SIGNER (Type or Print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) Panice H. Clark		
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Panice H. Clark (Signature of Contracting Officer)	16C. DATE SIGNED 5-5-94	

"H-2. Contract Funding

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

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

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NASA Contract NAS1-18925 Tabulation Summary

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

NASA Contract NAS1-18925 Tabulation Summary

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

Accounting and Appropriation Data

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF P. 1 2
2. AMENDMENT/MODIFICATION NO. 74	3. EFFECTIVE DATE SEP 20 1994	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(v)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
	X	10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

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

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)  
The purpose of this modification is to revise the reporting period for Financial Reporting of Government-Owned/Contractor-Held Property. Accordingly, the following changes are made to the Contract Schedule:

I. Section I Clause 18-52.245-73, the date "(MAR 1989)" is revised to read "(JUL 1994)," and Paragraphs (b) and (c) are revised to read as follows:

**FILE COPY**

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print) J. Scott Merrell Contracting Officer	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD J. STIEBOS
15B. CONTRACTOR/OFFEROR <i>J. Scott Merrell</i> (Signature of person authorized to sign)	15C. DATE SIGNED 9/12/94
16B. UNITED STATES OF AMERICA BY <i>Richard J. Stiebos</i> (Signature of Contracting Officer)	16C. DATE SIGNED SEP 20 1994



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

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

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

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

III. All other terms and conditions remain unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGE 1 2
2. AMENDMENT/MODIFICATION NO. 75	3. EFFECTIVE DATE SEP 7 5 1994	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE		FACILITY CODE	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 D1A.3782; HP110P; \$38,615; (Complete) (T35) D1A.3789; R19004; \$11,218 (Complete) (T34)

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

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

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

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

The purpose of this modification is to incremental fund the subject contract by \$49,833 pursuant to the Contract Funding clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

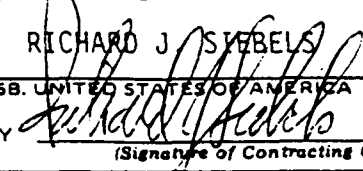
"H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government

(CONTINUED ON ATTACHED PAGE)

**FILE COPY**

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD J. STEBELS
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED
15D. UNITED STATES OF AMERICA BY 	16B. DATE SIGNED SEP 7 5 1994
	16C. DATE SIGNED SEP 7 5 1994

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

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	Amount Thru <u>Mod. 74</u>	<u>Mod. 75</u>	Amount Thru <u>Mod. 75</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
	\$10,872,000	\$0	\$10,872,000

FUNDING SUMMARY

	Amount Thru <u>Mod. 74</u>	<u>Mod. 75</u>	Amount Thru <u>Mod. 75</u>
Cost	\$7,122,912	\$47,335	\$7,170,247
Fee	<u>415,824</u>	<u>2,498</u>	<u>418,322</u>
	\$7,538,736	\$49,833	\$7,588,569

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. 76	3. EFFECTIVE DATE NOV 03 1994	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P.O. Box 12194 Research Triangle Park, NC 27709-2194	( <input checked="" type="checkbox"/> )	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
	( <input checked="" type="checkbox"/> )	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
<input type="checkbox"/> The above number solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If Required) DLA.3840; R19732; \$343,807 (Complete) (T41)			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.			
( <input checked="" type="checkbox"/> )	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify Authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.		
( <input checked="" type="checkbox"/> )	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying 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 <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible) The purpose of this modification is to incremental fund the subject contract by \$343,807 pursuant to the Contract Funding clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:			
(Continued on Attached Page) <div style="float: right; font-weight: bold; font-size: 1.2em; margin-top: 10px;">FILE COPY</div>			
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A as heretofore changed, remains unchanged and in full force and effect.			
15A. NAME AND TITLE OF SIGNER (Type or Print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print)	
		Richard J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Richard J. Siebels</i>	16C. DATE SIGNED NOV 03 1994
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

"H-2. CONTRACT FUNDING

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

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	<u>Amount Thru Mod. 75</u>	<u>Mod. 76</u>	<u>Amount Thru Mod. 76</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>\$ 600,000</u>	<u>0</u>	<u>600,000</u>
	\$10,872,000	\$0	\$10,872,000

FUNDING SUMMARY

	<u>Amount Thru Mod. 75</u>	<u>Mod. 76</u>	<u>Amount Thru Mod. 76</u>
Cost	\$7,170,247	\$330,026	\$7,500,273
Fee	<u>\$ 418,322</u>	<u>13,781</u>	<u>432,103</u>
	\$7,588,569	\$343,807	\$7,932,376

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE		PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 77	3. EFFECTIVE DATE DEC 12 1984	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(y)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
	X	10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

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

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1003; R19727; \$31,751 (Complete) (T42)

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

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

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

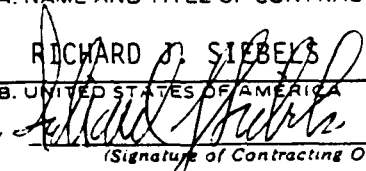
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to incrementally fund the subject contract by \$31,751 pursuant to the Contract Funding clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

**"H-2. CONTRACT FUNDING**

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD J. SIEBELS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED DEC 12 1984
(Signature of person authorized to sign)			

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

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	<u>Amount Through Mod. No. 76</u>	<u>Mod. No. 77</u>	<u>Amount Through Mod. No. 77</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
	\$10,872,000	\$0	\$10,872,000

FUNDING SUMMARY

	<u>Amount Through Mod. No. 76</u>	<u>Mod. No. 77</u>	<u>Amount Through Mod. No. 77</u>
Cost	\$7,500,273	\$30,329	\$7,530,602
Fee	<u>432,103</u>	<u>1,422</u>	<u>433,525</u>
	\$7,932,376	\$31,751	\$7,964,127

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGE 1 2
2. AMENDMENT/MODIFICATION NO. 78	3. EFFECTIVE DATE DEC 27 1994	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(y)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		X	10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 BC.1013; R19526; \$189,444 (Complete) (T43) DIH.1004; R19786; \$106,100 (Complete) (T39)

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

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

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

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

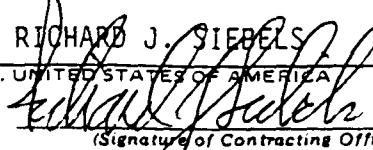
The purpose of this modification is to incrementally fund the subject contract by \$295,544 pursuant to the Contract Funding clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

"H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD J. SIEBELS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED DEC 27 1994
(Signature of person authorized to sign)		(Signature of Contracting Officer)	



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

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	<u>Amount Through Mod. No. 77</u>	<u>Mod. No. 78</u>	<u>Amount Through Mod. No. 78</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
	\$10,872,000	\$0	\$10,872,000

FUNDING SUMMARY

	<u>Amount Through Mod. No. 77</u>	<u>Mod. No. 78</u>	<u>Amount Through Mod. No. 78</u>
Cost	\$7,530,602	\$282,172	\$7,812,774
Fee	<u>433,525</u>	<u>13,372</u>	<u>446,897</u>
	\$7,964,127	\$295,544	\$8,259,671

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGE 1   2
2. AMENDMENT/MODIFICATION NO. 79	3. EFFECTIVE DATE JAN 11 1995	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(#)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE			10B. DATED (SEE ITEM 13) 6/21/89
FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 CB.1140; R20109; \$24,736 (Complete) (T44) CB.1139; R20109; \$24,579 (Complete) (T45)

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.

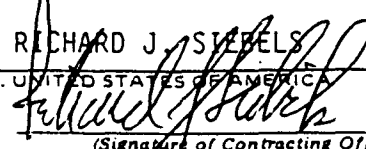
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to incrementally fund the subject contract by \$49,315 pursuant to the Contract Funding clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

"H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		RICHARD J. STEELS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY 	JAN 11 1995
		(Signature of Contracting Officer)	

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

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	<u>Amount Through Mod. No. 78</u>	<u>Mod. No. 79</u>	<u>Amount Through Mod. No. 79</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
	\$10,872,000	\$0	\$10,872,000

FUNDING SUMMARY

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

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 80	3. EFFECTIVE DATE APR 13 1995	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(V)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

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

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

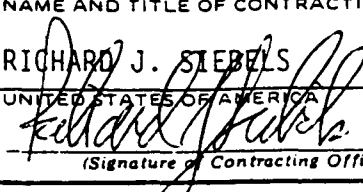
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to reallocate funds between cost and fee. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

"H-2. CONTRACT FUNDING

A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause of this contract, the total amount allotted by the Government

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) RICHARD J. SIEBELS
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 APR 13 1995

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

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	<u>Amount Through Mod. No. 79</u>	<u>Mod. No. 80</u>	<u>Amount Through Mod. No. 80</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
	\$10,872,000	\$0	\$10,872,000

FUNDING SUMMARY

	<u>Amount Through Mod. No. 79</u>	<u>Mod. No. 80</u>	<u>Amount Through Mod. No. 80</u>
Cost	\$7,859,732	\$24,361	\$7,884,093
Fee	<u>449,254</u>	<u>(24,361)</u>	<u>424,893</u>
	\$8,308,986	\$ 0	\$8,308,986

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

CONTRACT ID CODE PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 81		3. EFFECTIVE DATE JUN 02 1995		4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925			
				10B. DATED (SEE ITEM 13) 6/21/89			
CODE		FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

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


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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to incrementally fund the subject contract by \$208,724 pursuant to the Contract Funding Clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) MARY JANE YEAGER	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 6-2-95

"H-2. CONTRACT FUNDING

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

All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

	<u>Amount Through</u> <u>Mod. No. 80</u>	<u>Mod. No. 81</u>	<u>Amount Through</u> <u>Mod. No. 81</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	600,000	0	600,000
	<u>\$10,872,000</u>	<u>\$0</u>	<u>\$10,872,000</u>

FUNDING SUMMARY

	<u>Amount Through</u> <u>Mod. No. 80</u>	<u>Mod. No. 81</u>	<u>Amount Through</u> <u>Mod. No. 81</u>
Cost	\$7,884,093	\$208,724	\$8,092,817
Fee	424,893	0	424,893
	<u>\$8,308,986</u>	<u>\$208,724</u>	<u>\$8,517,710</u>

ACCOUNTING AND APPROPRIATION DATA

PR: DIH.1116; H15065; \$76,800 (Partial) (T47)  
 DIH.1115; H15000; \$54,000 (Partial) (T46)  
       H15065; \$73,200 (Partial) (T46)  
 CB.1227; R20504; \$ 4,724 (Complete) (T44)

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. 82	3. EFFECTIVE DATE <b>DEC 11 1995</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 Below	5. PROJECT NO. (If applicable)
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
		10B. DATED (SEE ITEM 13) <b>6/21/89</b>
CODE	FACILITY CODE	

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 DIH.1115; H15151: \$73,800 (Partial) (Task 46) and DIH.1116; H15151: \$20,200 (Partial) (Task 47)

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

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

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

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

The purpose of this modification is to incrementally fund the subject contract by \$ 94,000 pursuant to the Contract Funding Clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary Jane Yeager	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY <i>Mary Jane Yeager</i> (Signature of Contracting Officer)	<i>12-11-95</i>



(A) "H-2. CONTRACT FUNDING

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

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

(B) All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

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

CONTRACT FUNDING SUMMARY

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. 83	3. EFFECTIVE DATE JAN 20 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12 Below	5. PROJECT NO. (If applicable)
6. ISSUED BY  National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

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

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

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

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

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

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

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

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

The purpose of this modification is to incrementally fund the subject contract by \$ 456,000 pursuant to the Contract Funding Clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.	
15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary Jane Yeager
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 1-26-96

(A) "H-2. CONTRACT FUNDING

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

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

(B) All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

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

CONTRACT FUNDING SUMMARY

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

ACCOUNTING AND APPROPRIATION DATA

PR:	DIH.1115;	H15151	\$95,000	(PARTIAL)	(TASK 46)
	DIH.1116;	H15151	\$30,000	(PARTIAL)	(TASK 47)
	DIH.1190;	R21096	\$25,000	(PARTIAL)	(TASK 42)
	DCO.1045;	R20895	\$70,000	(PARTIAL)	(TASK 39)
	DIH. 1165;	R20882	\$236,000	(COMPLETE)	(TASK 41)

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CO	CT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 84		3. EFFECTIVE DATE FEB 21 1996		4. REQUISITION/PURCHASE REQ. NO. See Block 12 Below	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001					

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
CODE			10B. DATED (SEE ITEM 13) 6/21/89
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)**

PR(s): BC.5010; R19528; \$60,000 (COMPLETE) AND BC.1029; R21020; \$145,100 (COMPLETE) (TASK 48)

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

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

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

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

The purpose of this modification is to incrementally fund the subject contract by \$ 205,100 pursuant to the Contract Funding Clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Mary Jane Yeager	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Mary Jane Yeager</i> (Signature of Contracting Officer)	16C. DATE SIGNED 2-21-96
(Signature of person authorized to sign)			

"(A) H-2. CONTRACT FUNDING

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

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

(B) All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

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

CONTRACT FUNDING SUMMARY

	AMOUNT THROUGH MOD. NO. 83	MOD. NO. 84	AMOUNT THROUGH MOD. NO. 84
COST	\$ 8,620,512	\$198,411	\$ 8,818,923
FEE	<u>447,198</u>	<u>6,689</u>	<u>453,887</u>
TOTAL CPFF	\$ 9,067,710	\$205,100	\$ 9,272,810

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CL. ACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 85	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO. See Block 12 Below	5. PROJECT NO. (if applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (if other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

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

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

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

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

PR: DIH.1115; H15151; \$41,815 (COMPLETE) (TASK 46)

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

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

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

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

The purpose of this modification is to incrementally fund the subject contract by \$ 41,815 pursuant to the Contract Funding Clause. Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Beverly Thomas-Burse	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Beverly Thomas-Burse</i> (Signature of Contracting Officer)	16C. DATE SIGNED 3-12-96
(Signature of person authorized to sign)			

"(A) H-2. CONTRACT FUNDING

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

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

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*  
CONTRACT SUMMARY

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

CONTRACT FUNDING SUMMARY

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1      2	
2. AMENDMENT/MODIFICATION NO. <b>86</b>		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO. <b>See Block 12 Below</b>	
6. ISSUED BY  National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than item 6)		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Mr. J. Scott Merrell P.O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			x	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>	
				10B. DATED (SEE ITEM 13) <b>6/21/89</b>	
CODE		FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) <b>See Page 2</b>					
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>					
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
x	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
	D. OTHER (Specify type of modification and authority)				
<b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return ____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purposes of this modification are to incrementally fund the subject contract by \$32,880 pursuant to the Contract Funding Clause and to reallocate funds between cost and fee. Therefore, H-2, Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:					

(CONTINUED ON PAGE 2)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Beverly Thomas-Burse</b>	
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



"(A) H-2. CONTRACT FUNDING

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

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

(B) All other terms and conditions remain unchanged.

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CONTRACT SUMMARY

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

CONTRACT FUNDING SUMMARY

(with fee adjustment)

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

ACCOUNTING AND APPROPRIATION DATA

**TASK NO. 7**

PR: DIH.1200		
JO: H15151	\$1,313	(COMPLETE)
R20882	\$1,311	(COMPLETE)
R20895	\$1,311	(COMPLETE)
R21096	\$1,311	(COMPLETE)
R21020	\$1,311	(COMPLETE)

**TASK NO. 47**

PR: DIH.1116		
JO: H15151	\$26,323	(COMPLETE)

6,351

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 87  
3. EFFECTIVE DATE MAY 06 1996  
4. REQUISITION/PURCHASE REQ. NO. See Block 12 below.  
5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Research Triangle Institute  
Attn: Mr. J. Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194  
9A. AMENDMENT OF SOLICITATION NO.  
98. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
NAS1-18925  
10B. DATED (SEE ITEM 13)  
6/21/89

CODE FACILITY CODE

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1222; JO: H15151; \$22,078 (Complete) (T7)

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

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

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

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

The purpose of this modification is to incrementally fund the subject contract by \$22,078 pursuant to the Contract Funding clause (\$21,392 for cost and \$686 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

**"A. H-2. CONTRACT FUNDING**

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$8,924,869 and covers the following period of performance: contract award through December 31, 1996.

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
15B. CONTRACTOR/OFFEROR  
(Signature of person authorized to sign)  
15C. DATE SIGNED  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
Richard J. Siebels  
16B. UNITED STATES OF AMERICA  
BY *[Signature]*  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
MAY 06 1996

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

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

CONTRACT SUMMARY

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

CONTRACT FUNDING SUMMARY

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

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 1

2. AMENDMENT/MODIFICATION NO. 88  
3. EFFECTIVE DATE JUN 14 1996  
4. REQUISITION/PURCHASE REQ. NO. N/A  
5. PROJECT NO. (If applicable)

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Research Triangle Institute  
Attn: Scott Merrell  
P.O. Box Box 12194  
Research Triangle Park, NC 27709-2194  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
NAS1-18925  
6/21/89  
10B. DATED (SEE ITEM 13)  
CODE FACILITY CODE

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

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

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

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

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

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

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

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

The purpose of this modification is to extend the period of performance of the contract by seventeen months from eighty-four months to one hundred and one months. The revised completion date is November 21, 1997. As a result of this modification Section F., Article F-1. Period of Performance-Task Assignments, paragraph A. is revised by deleting "eighty-four (84) months" and replacing it with "one hundred and one (101) months". All other terms and conditions remain unchanged.

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)  
DAVE OBRINGER  
SENIOR CONTRACT NEGOTIATOR  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
21 May 1996  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
Richard J. Siebels  
16B. UNITED STATES OF AMERICA  
BY  
16C. DATE SIGNED  
JUN 1 1996

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 89	3. EFFECTIVE DATE <b>MAY 16 1996</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
		10B. DATED (SEE ITEM 13)
CCDE	FACILITY CODE	

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Page 2.

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

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

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

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

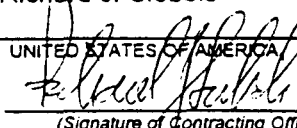
The purpose of this modification is to incrementally fund the contract by \$229,987 pursuant to the Contract Funding clause (\$221,397 for cost and \$8,590 for fee). Therefore, H-12., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

**\*A. H-2. CONTRACT FUNDING**

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,146,266 and covers the following period of performance: Contract award through June 14, 1997.

(CONTINUED)

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

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

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

(B) All other terms and conditions remain unchanged.

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Contract Summary

	Mod. 88	Total
Contract Summary		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$221,397	\$9,146,266
Fee	8,590	453,304
Total CPFF	\$229,987	\$9,599,570

Accounting and Appropriation Data:

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
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2. AMENDMENT/MODIFICATION NO. 90	<b>JUN 17 1996</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE		

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89 10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Page 2.

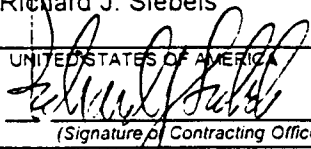
**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to incrementally fund the contract by \$96,173 pursuant to the Contract Funding clause (\$92,235 for cost and \$3,938 for fee). Therefore, H-12., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:  
 \*A. H-2. CONTRACT FUNDING  
 (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,238,501 and covers the following period of performance: Contract award through June 14, 1997.  
 (CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
	16C. DATE SIGNED <b>JUN 17 1996</b>

(b) An additional amount of \$457,242 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Summary

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

Accounting and Appropriation Data:

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



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 91	3. EFFECTIVE DATE <b>JUL 15 1996</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below		5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE		

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

3. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		x	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925 6/21/89</b>
			10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See Page 2.

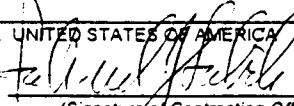
**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to incrementally fund the contract by \$40,000 pursuant to the Contract Funding clause (\$37,637 for cost and \$2,363 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:  
 \*A. H-2. CONTRACT FUNDING  
 (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,276,138 and covers the following period of performance: Contract award through June 14, 1997.  
 (CONTINUED)

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

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

(b) An additional amount of \$459,605 is obligated under this contract for payment of fee.”

(B) All other terms and conditions remain unchanged.

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Contract Summary

	Mod. 91	Total
Contract Summary		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 37,637	\$9,276,138
Fee	2,363	459,605
Total CPFF	\$ 40,000	\$9,735,743

Accounting and Appropriation Data:

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 92	3. EFFECTIVE DATE <b>JUL 29 1996</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	

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

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b> <b>6/21/89</b>
		10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1190; R21096; \$28,392 (Complete) (Task 42)

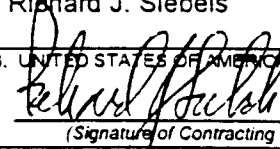
**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

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

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

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to incrementally fund the contract by \$28,392 pursuant to the Contract Funding clause (\$27,144 for cost and \$1,248 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:  
 \*A. H-2. CONTRACT FUNDING  
 (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,303,282 and covers the following period of performance: Contract award through June 14, 1997.  
 (CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED <b>JUL 29 1996</b>
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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

(B) All other terms and conditions remain unchanged.

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Contract Summary

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

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 93	3. EFFECTIVE DATE <b>AUG 06 1996</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
			10B. DATED (SEE ITEM 13)

**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)  
DIH.1265; H15151; \$90,000 (Complete) (T50)

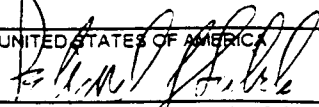
**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to incrementally fund the contract by \$90,000 pursuant to the Contract Funding clause (\$87,114 for cost and \$2,886 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:  
\*A. H-2. CONTRACT FUNDING  
(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,390,396 and covers the following period of performance: Contract award through June 14, 1997.  
(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED <b>AUG 06 1996</b>
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

(b) An additional amount of \$463,739 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Summary

	Mod. 93	Total
Contract Summary		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 87,144	\$9,390,396
Fee	2 886	463,739
Total CPFF	\$ 90,000	\$9,854,135

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 94	3. EFFECTIVE DATE OCT 3 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
			10B. DATED (SEE ITEM 13)

**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 next page.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT: Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.**

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

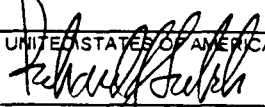
The purpose of this modification is to incrementally fund the contract by \$550,100 pursuant to the Contract Funding clause (\$527,036 for cost and \$23,064 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

**\*A. H-2. CONTRACT FUNDING**

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,917,432 and covers the following period of performance: Contract award through June 14, 1997.

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED OCT 3 1996
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

(b) An additional amount of \$486,803 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Summary

	Mod. 94	Total
<b>Contract Summary</b>		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
<b>Funding Summary</b>		
Cost	\$ 527,036	\$9,917,432
Fee	23,064	486,803
Total CPFF	\$ 550,100	\$10,404,235

Task	PR/JO/Amount	Cost/Fee Split
53	DIH.1245;R21955; \$150,000 (Complete)	\$142,228 / \$7,772
51	DIH.1229;H15151;\$257,000 (Complete)	\$247,367 / \$9,633
50	DIH.1230;H15151;\$113,100 (Complete)	\$137,441 / \$5,659
	DIH.1274;H15151;\$ 30,000 (Complete)	



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 95	3. EFFECTIVE DATE NOV 21 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23631-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
		10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See next page.

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor X is not, is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

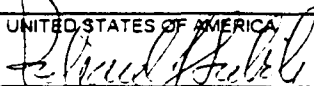
The purpose of this modification is to incrementally fund the contract by \$66,700 pursuant to the Contract Funding clause (\$63,337 for cost and \$3,363 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

\*A. H-2. CONTRACT FUNDING

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$9,980,769 and covers the following period of performance: Contract award through June 14, 1997.

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED NOV 21 1996
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

(b) An additional amount of \$490,166 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Summary

	Mod. 95	Total
<b>Contract Summary</b>		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
<b>Total CPFF</b>	<b>0</b>	<b>\$10,872,000</b>
<b>Funding Summary</b>		
Cost	\$ 63,337	\$ 9,980,769
Fee	3,363	490,166
<b>Total CPFF</b>	<b>\$ 66,700</b>	<b>\$10,470,935</b>

Task	PR/JO/Amount	Cost/Fee Split
54	DIH.1284;R21664; \$9,600 (Complete) R22264;\$15,400 (Complete)	\$29,338/\$1,462
55	DIH.1301;R21792; \$5,800 (Complete) DIH.1312;R21955;\$15,900 (Complete) R21955;\$20,000 (Complete)	\$33,999/\$1,901

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 96	3. EFFECTIVE DATE DEC 06 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE		FACILITY CODE	
		X	9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
			10B. DATED (SEE ITEM 13)

**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 next page.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

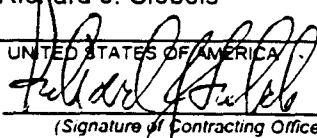
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to transfer cost and fee funding from Task 52 to Task 53. Task 52 funding is decreased by \$25,235 and Task 53 is increased by \$25,235. See the attached Contract Summary for details.

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED DEC 06 1996
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

\*\*\*\*\*

Contract Summary

	Mod. 96	Total
<b>Contract Summary</b>		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
<b>Total CPFF</b>	<b>0</b>	<b>\$10,872,000</b>
<b>Funding Summary</b>		
Cost	\$ 0	\$ 9,980,769
Fee	0	490,166
<b>Total CPFF</b>	<b>\$ 0</b>	<b>\$10,470,935</b>

Task	PR/JO/Amount	Cost/Fee Split
52	DIH.1246;R20882; \$4,665	\$4,480/\$185
	Transfer \$25,235 to Task 53	
53	DIH.1246;R20882; \$25,235	\$23,915/\$1,320

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1
2. AMENDMENT/MODIFICATION NO. 97	3. EFFECTIVE DATE <b>DEC 11 1996</b>	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
		10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DCO.1096;R20895;\$88,000 (Partial)

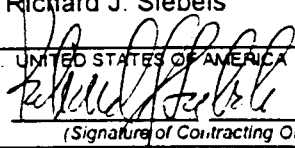
**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to incrementally fund the contract by \$88,000 pursuant to the Contract Funding clause (\$82,568 for cost and \$5,432 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:  
"A. H-2. CONTRACT FUNDING  
(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,063,337 and covers the following period of performance: Contract award through October 31, 1997.  
(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA BY 
(Signature of person authorized to sign)	(Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED <b>DEC 11 1996</b>

(b) An additional amount of \$495,598 is obligated under this contract for payment of fee.”

(B) All other terms and conditions remain unchanged.

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Contract Summary

	Mod. 97	Total
<b>Contract Summary</b>		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
<b>Total CPFF</b>	<b>0</b>	<b>\$10,872,000</b>
<b>Funding Summary</b>		
Cost	\$ 82,568	\$10,063,337
Fee	5,432	495,598
<b>Total CPFF</b>	<b>\$ 88,000</b>	<b>\$10,558,935</b>

Task	PR/JO/Amount	Cost/Fee Split
56	DCO.1096;R20895;\$88,000 (Partial)	\$82,568/\$5,432

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 98		3. EFFECTIVE DATE DEC 19 1996	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
			10B. DATED (SEE ITEM 13)

**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 next page.

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

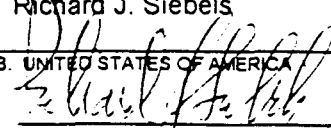
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to incrementally fund the contract by \$33,790 pursuant to the Contract Funding clause (\$32,543 for cost and \$1,247 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

\*A. H-2. CONTRACT FUNDING

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,095,880 and covers the following period of performance: Contract award through October 31, 1997.

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels	
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 DEC 19 1996

(b) An additional amount of \$496,845 is obligated under this contract for payment of fee."

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Summary

	Mod. 98	Total
<b>Contract Summary</b>		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
<b>Funding Summary</b>		
Cost	\$ 32,543	\$10,095,880
Fee	1,247	496,845
Total CPFF	\$ 33,790	\$10,592,725

Task	PR/JO/Amount
7	DIH.1326;R20895;\$2,026 (Complete)
	R22027;\$4,785
	R22264;\$1,292
	R21955;\$11,126
	H15275;\$14,561



**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO. 99	3. EFFECTIVE DATE JAN 08 1997	4. REQUISITION/PURCHASE REQ. NO. See Block 12 below	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE		

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P.O. Box Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925 6/21/89
		10B. DATED (SEE ITEM 13)

CODE FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1331; R22264; \$60,500 (Complete).

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor X is not, is required to sign this document and return \_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

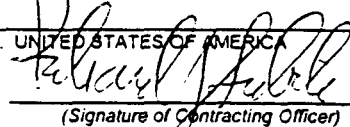
The purpose of this modification is to incrementally fund the contract by \$60,500 pursuant to the Contract Funding clause (\$57,685 for cost and \$2,815 for fee). Therefore, H-2., Contract Funding, Paragraphs A and B are deleted in their entirety and the following is substituted in lieu thereof:

**\*A. H-2. CONTRACT FUNDING**

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,153,565 and covers the following period of performance: Contract award through December 8, 1997.

(CONTINUED)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Richard J. Siebels
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY  (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED JAN 08 1997

(b) An additional amount of \$499,660 is obligated under this contract for payment of fee.”

(B) All other terms and conditions remain unchanged.

\*\*\*\*\*

Contract Summary

	Mod. 99	Total
Contract Summary		
Cost	\$ 0	\$10,272,000
Fee	0	600,000
Total CPFF	0	\$10,872,000
Funding Summary		
Cost	\$ 57,685	\$10,153,565
Fee	2,815	499,660
Total CPFF	\$ 60,500	\$10,653,225

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAG 1
2. AMENDMENT/MODIFICATION NO. 100	3. EFFECTIVE DATE JAN 27 1997	4. REQUISITION/PURCHASE REQ. NO. DIH.1335		5. PROJECT NO. (If appl)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extend. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE REC AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1335;H15275;53708222100;\$77,134.10;(Complete)(Task 50)

**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 NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

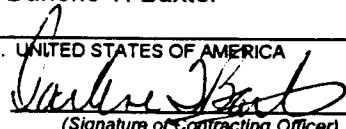
**E. IMPORTANT:** Contractor X is not, is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding for cost under task assignment 50 by \$77,134.10. Consequently, the following change is hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 1-27-97
(Signature of person authorized to sign)			

FILE COPY

A. Paragraphs A. and B. of H.2, Contract Funding, are amended to read as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,230,699, and covers the period of performance: Contract award through December 8, 1997.

(b) An additional amount of \$499,660 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

\*\*\*\*\*  
FUNDING SUMMARY

	<u>Amount through Mod. No. 99</u>	<u>Mod. No. 100</u>	<u>Amount through Mod. No. 100</u>
	<u>From:</u>	<u>By:</u>	<u>To:</u>
Cost	\$10,153,565	\$77,134.10	\$10,230,699
Fee	<u>499,660</u>	<u>0.00</u>	<u>499,660</u>
Total CPFF	\$10,653,225	\$77,134.10	\$10,730,359

CONTRACT SUMMARY

	<u>Amount through Mod. No. 99</u>	<u>Mod. No. 100</u>	<u>Amount through Mod. No. 100</u>
	<u>From:</u>	<u>By:</u>	<u>To:</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$10,872,000	\$0	\$10,872,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAG 1
2. AMENDMENT/MODIFICATION NO. 101	3. EFFECTIVE DATE JAN 29 1997	4. REQUISITION/PURCHASE REQ. NO. BAA.0971	5. PROJECT NO. (If appli)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. 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)  
BAA.0971;R22023;52224210100;\$24,949;(Complete)(Task 48)

**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 NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

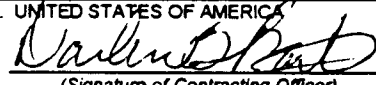
**E. IMPORTANT:** Contractor X is not required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 48 by \$24,949, (\$24,144 for cost and \$805 for fee). Consequently, the following change is hereby being made to the Contract Schedule.

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 1-29-97
(Signature of person authorized to sign)			

A. Paragraphs A. and B. of H.2, Contract Funding, are amended to read as follows:

\*(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,254,843 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$500,465 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

\*\*\*\*\*  
FUNDING SUMMARY

	<u>Amount through Mod. No. 100</u>	<u>Mod. No. 101</u>	<u>Amount through Mod. No. 101</u>
	<u>From:</u>	<u>By:</u>	<u>To:</u>
Cost	\$10,230,699	\$24,144	\$10,254,843
Fee	<u>499,660</u>	<u>805</u>	<u>500,465</u>
Total CPFF	\$10,730,359	\$24,949	\$10,755,308

CONTRACT SUMMARY

	<u>Amount through Mod. No. 100</u>	<u>Mod. No. 101</u>	<u>Amount through Mod. No. 101</u>
	<u>From:</u>	<u>By:</u>	<u>To:</u>
Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$10,872,000	\$0	\$10,872,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAG 1
2. AMENDMENT/MODIFICATION NO. 102	3. EFFECTIVE DATE FEB 13 1997	4. REQUISITION/PURCHASE REQ. NO. DIH.1245	5. PROJECT NO. (If appl)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than item 6)		CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended,  is not extend. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE REC AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. In virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1245;R21955;548-10-41-01;\$21,031;(Complete)(Task 53)

**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 NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor X is not, is required to sign this document and return \_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 53 by \$21,031, (\$17,157 for cost and \$3,874 for fee). Consequently, the following change is hereby being made to the Contract Schedule.

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA BY <i>Darlene T. Baxter</i> (Signature of Contracting Officer)
(Signature of person authorized to sign)	16C. DATE SIGNED 2/13/90
15C. DATE SIGNED	16C. DATE SIGNED

FILE 0

A. Paragraphs A. and B. of H.2, Contract Funding, are amended to read as follows:

“(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,272,000, and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$504,339 is obligated under this contract for payment of fee.”

All other terms and conditions remain unchanged.

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FUNDING SUMMARY

	<u>Amount through</u> <u>Mod. No. 101</u>	<u>Mod. No. 102</u>	<u>Amount through</u> <u>Mod. No. 102</u>
Cost	\$10,254,843	\$17,157	\$10,272,000
Fee	<u>500,465</u>	<u>3,874</u>	<u>504,339</u>
TOTAL CPFF	\$10,755,308	\$21,031	\$10,776,339

CONTRACT SUMMARY

Cost	\$10,272,000	\$0	\$10,272,000
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$10,872,000	\$0	\$10,872,000



**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 103  
3. EFFECTIVE DATE See Blk. 16C  
4. REQUISITION/PURCHASE REQ. NO. DIh.1245  
5. PROJECT NO. (If applicable)

6. ISSUED BY CODE  
National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

7. ADMINISTERED BY (If other than Item 6) CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  
Research Triangle Institute  
Attn: Scott Merrell  
P. O. Box 12194  
Research Triangle Park, NC 27709-2194

9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
9C. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-18925  
10B. DATED (SEE ITEM 13) 6/21/89

CODE FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1245;R21955;548-10-41-01;\$53,435;(Complete)(Task 53)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: B.4--ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74)(DEC 1988)  
D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purposes of this modification are to increase the cost of the subject contract by \$2,561,904 due to contract cost growth and increase the incremental funding for task assignment 53 by \$53,435 for cost. Consequently, the following changes are hereby being made to the Contract Schedule.

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Dave Obringer Sr. Contract Negotiator  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED 02/24/97  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer  
16B. UNITED STATES OF AMERICA BY Darlene T. Baxter  
16C. DATE SIGNED 2/25/97  
(Signature of person authorized to sign) (Signature of Contracting Officer)

A. Paragraph B.4--ESTIMATED COST AND FIXED FEE (NASA 18-52.216-74)(DEC 1988),  
 revise to read as follows:

"The estimated cost of this contract is \$12,833,904 exclusive of the fixed fee of \$600,000. The total of estimated cost and fixed fee is \$13,433,904."

B. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,325,435 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$504,339 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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FUNDING SUMMARY

	Amount through Mod. No. 102	Mod. No. 103	Amount through Mod. No. 103
Cost	\$10,272,000	\$53,435	\$10,325,435
Fee	504,339	0	504,339
TOTAL CPFF	\$10,776,339	\$53,435	\$10,829,774

CONTRACT SUMMARY

Cost	\$10,272,000	\$2,561,904	\$12,833,904
Fee	600,000	0	600,000
TOTALCPFF	\$10,872,000	\$2,561,904	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>104</b>	3. EFFECTIVE DATE <b>See Blk. 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>DIH.1245</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</b>		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
		10B. DATED (SEE ITEM 13) <b>6/21/89</b>

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**DIH.1245;R21955;548-10-41-01;\$200;(Complete)(Task 53)**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
**The purpose of this modification is to increase the incremental funding for task assignment 53 by \$200 for cost. Consequently, the following changes are hereby being made to the Contract Schedule:**

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Darlene T. Baxter Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Darlene Baxter</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>2/25/87</b>
(Signature of person authorized to sign)			

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,325,635 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$504,339 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through</u> <u>Mod. No. 103</u>	<u>Mod. No. 104</u>	<u>Amount through</u> <u>Mod. No. 104</u>
Cost	\$10,325,435	\$200	\$10,325,635
Fee	<u>504,339</u>	<u>0</u>	<u>504,339</u>
TOTAL CPFF	\$10,829,774	\$200	\$10,829,974

CONTRACT SUMMARY

	<u>Amount through</u> <u>Mod. No. 103</u>	<u>Mod. No. 104</u>	<u>Amount through</u> <u>Mod. No. 104</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 105	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. BAA.0969	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)		CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

BAA.0969;R22023;52224210100;\$120,000;(Complete);R22024;52224110200;\$95,000;(Partial)(Task 58)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

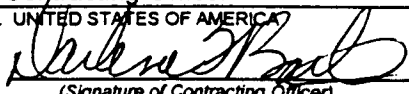
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 58 by \$215,000 (\$208,760 for cost and \$6,240 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Darlene T. Baxter Contracting Officer	
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)	3/14/97

**FILE COPY**

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,534,395 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$510,579 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 104</u>	<u>Mod. No. 105</u>	<u>Amount through Mod. No. 105</u>
Cost	\$10,325,835	\$208,760	\$10,534,395
Fee	<u>504,339</u>	<u>6,240</u>	<u>510,579</u>
TOTAL CPFF	\$10,829,974	\$215,000	\$11,044,974

CONTRACT SUMMARY

	<u>Amount through Mod. No. 104</u>	<u>Mod. No. 105</u>	<u>Amount through Mod. No. 105</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 106	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DIH.1245	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

DIH.1245;\$21955;548-10-41-01;(Complete)(Task 53)

2261985  
401 213

**THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)


**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 53 by \$22,660. Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 3/12/97
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,557,055 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$510,579 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 105</u>	<u>Funded By Mod. No. 106</u>	<u>Amount through Mod. No. 106</u>
Cost	\$10,534,395	\$22,660	\$10,557,055
Fee	<u>510,579</u>	<u>0</u>	<u>510,579</u>
TOTAL CPFF	\$11,044,974	\$22,660	\$11,067,634

CONTRACT SUMMARY

	<u>Amount through Mod. No. 105</u>	<u>Funded By Mod. No. 106</u>	<u>Amount through Mod. No. 106</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES
		1	2

2. AMENDMENT/MODIFICATION NO. <b>107</b>	3. EFFECTIVE DATE <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>DIH.1363</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY  <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</b>	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>	(x)	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>  10B. DATED (SEE ITEM 13) <b>6/21/89</b>
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**DIH.1363;R21955;\$80,340;(Partial) (Task 53)**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

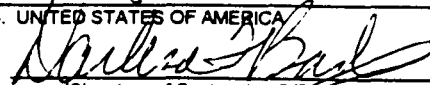
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to increase the incremental funding for task assignment 53 by \$80,340 (\$77,100 for cost and \$3,240 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Darlene T. Baxter Contracting Officer</b>
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
(Signature of person authorized to sign)	BY  (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED <b>3/31/97</b>

**COPY**

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,634,155 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$513,819 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 106</u>	<u>Funded By Mod. No. 107</u>	<u>Amount through Mod. No. 107</u>
Cost	\$10,557,055	\$77,100	\$10,634,155
Fee	<u>510,579</u>	<u>3,240</u>	<u>513,819</u>
TOTAL CPFF	\$11,067,634	\$80,340	\$11,147,974

CONTRACT SUMMARY

	<u>Amount through Mod. No. 106</u>	<u>Funded By Mod. No. 107</u>	<u>Amount through Mod. No. 107</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 108		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Research Triangle Institute Attn: J. Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11)
			10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.245-5--GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOURS CONTRACTS) (JAN 1986)
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to transfer government property from contract NAS1-19837 to the subject contract. Consequently, the following changes are hereby made to the Contract Schedule:

(Continued on page 2)

15A. NAME AND TITLE OF SIGNER (Type or print) DAVE OBRINGER SENIOR CONTRACT NEGOTIATOR		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter	
15B. CONTRACTOR/OFFEROR <i>[Signature]</i> (Signature of person authorized to sign)	15C. DATE SIGNED 27 May 1987	16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 6-11-87

FILE

A. Under clause 52.245-5--GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOURS CONTRACTS (JAN 1986), add the following items to the subject contract: (See Attached Sheet)

\*\*\*\*\*

FUNDING SUMMARY

	<u>Amount through</u> <u>Mod. No. 107</u>	<u>Mod. No. 108</u>	<u>Amount through</u> <u>Mod. No. 108</u>
Cost	\$10,634,155	\$0	\$10,634,155
Fee	<u>513,819</u>	<u>0</u>	<u>\$ 513,819</u>
TOTAL CPFF	\$11,147,974	\$0	\$11,147,974

CONTRACT SUMMARY

	<u>Amount through</u> <u>Mod. No. 107</u>	<u>Mod. No. 108</u>	<u>Amount through</u> <u>Mod. No. 108</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<u>TAG NO</u>	<u>AUTH</u>	<u>ECN</u>	<u>ITEM NAME</u>	<u>MFG CODE</u>	<u>MFG NAME</u>	<u>MODEL</u>	<u>S/N</u>	<u>VALUE</u>	<u>INV</u>
G079547	202836	G079547	Disk Drive	40400	Total Tech	H212D	2933	3,398	11/13
					Sys				
1090947	202836	1090947	Computer Mini	1Z004	Silicon Graph	CMNB003	35007481	10,140	11/13
1090948	202836	1090948	Display Unit	1Z004	Silicon Graph	GDM1930SG	202333	1,560	11/13
1089635	304858	1089638-0071	90MB Dual Bernouilli	39221	Bernouilli	7025	931143004	1,600	11/13
0849454	303357	084954-0172	Computer Mini	1Z004	Silicon Graph	IRIS25D-S17	E0050126	32,340	11/13
1158438	303357	SS58438	Display Unit	S4013	Hitachi	CM2086A3SG	Y9D006464	5,000	11/13
1258240	503013	1258240	Workstation (.incl. key-board, cables, mouse		Indigo		0800890742	27,969	11/13
1258241	503013	1258240	19" Color Monitor				206001082	1,500	11/13
<b>SUBTOTAL</b>								<b>83,507</b>	

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 109	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DIH.1374		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE				

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1374;R22401;63210143700;\$22,600;(Complete) (Task 59)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding for task assignment 59 by \$22,600 (\$22,013 for cost and \$587 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Darlene T. Baxter</i> (Signature of Contracting Officer)	16C. DATE SIGNED 4-21-97
(Signature of person authorized to sign)			

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,656,168 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$514,406 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 108</u>	<u>Funded By Mod. No. 109</u>	<u>Amount through Mod. No. 109</u>
Cost	\$10,634,155	\$22,013	\$10,656,168
Fee	<u>513,819</u>	<u>587</u>	<u>514,406</u>
TOTAL CPFF	\$11,147,974	\$22,600	\$11,170,574

CONTRACT SUMMARY

	<u>Amount through Mod. No. 108</u>	<u>Funded By Mod. No. 109</u>	<u>Amount through Mod. No. 109</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. <b>110</b>	3. EFFECTIVE DATE <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>See Block 12</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY  <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</b>		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
			10B. DATED (SEE ITEM 13) <b>6/21/89</b>
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

**DIH.1245;R21955;548-10-41-01\$2,574;DIH.1363;R21955;548-10-41-01;\$50,000(Complete) (Task 53)**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

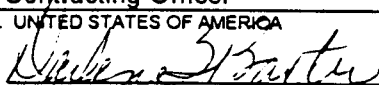
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 53 by \$52,574 (\$50,557 for cost and \$2,017 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		<b>Darlene T. Baxter Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY  (Signature of Contracting Officer)	<b>5-12-97</b>



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,706,725 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$516,423 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 109</u>	<u>Funded By Mod. No. 110</u>	<u>Amount through Mod. No. 110</u>
Cost	\$10,656,168	\$50,557	\$10,706,725
Fee	<u>514,406</u>	<u>2,017</u>	<u>516,423</u>
TOTAL CPFF	\$11,170,574	\$52,574	\$11,223,148

CONTRACT SUMMARY

	<u>Amount through Mod. No. 109</u>	<u>Funded By Mod. No. 110</u>	<u>Amount through Mod. No. 110</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 111	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DIH.1382		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE				

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

DIH.1382;RH15275;53708222100;\$54,539(Complete) (Task 50)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)


**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 50 by \$54,539 (\$53,074 for cost and \$1,465 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlepe T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 6-2-97
(Signature of person authorized to sign)			

FILE

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,759,799 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$517,888 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....

FUNDING SUMMARY

	<u>Amount through Mod. No. 110</u>	<u>Funded By Mod. No. 111</u>	<u>Amount through Mod. No. 111</u>
Cost	\$10,706,725	\$53,074	\$10,759,799
Fee	<u>516,423</u>	<u>1,465</u>	<u>517,888</u>
TOTAL CPFF	\$11,223,148	\$54,539	\$11,277,687

CONTRACT SUMMARY

	<u>Amount through Mod. No. 110</u>	<u>Funded By Mod. No. 111</u>	<u>Amount through Mod. No. 111</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 112		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. DIH.1388		5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
				10B. DATED (SEE ITEM 13) 6/21/89		
CODE		FACILITY CODE				

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

DIH.1388;R22293;25870210600;\$6,300(Complete) (Task 59)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding for task assignment 59 by \$6,300 (\$6,099 for cost and \$201 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Darlene T. Baxter</i> (Signature of Contracting Officer)	16C. DATE SIGNED 7-16-97
(Signature of person authorized to sign)			

FILE

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,765,898 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$518,089 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 111</u>	<u>Funded By Mod. No. 112</u>	<u>Amount through Mod. No. 112</u>
Cost	\$10,759,799	\$6,099	\$10,765,898
Fee	<u>517,888</u>	<u>201</u>	<u>518,089</u>
TOTAL CPFF	\$11,277,687	\$6,300	\$11,283,987

CONTRACT SUMMARY

	<u>Amount through Mod. No. 111</u>	<u>Funded By Mod. No. 112</u>	<u>Amount through Mod. No. 112</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. <b>113</b>	3. EFFECTIVE DATE <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>DIH.1384</b>	5. PROJECT NO. (if applicable)	
6. ISSUED BY <b>National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</b>		7. ADMINISTERED BY (if other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  <b>Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194</b>			(x)	9A. AMENDMENT OF SOLICITATION NO.
				9B. DATED (SEE ITEM 11)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
				10B. DATED (SEE ITEM 13) <b>6/21/89</b>
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
**DIH.1384;H15275;53708222100;\$145,000; (Complete) (Task 60)**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

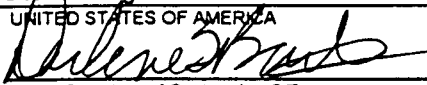
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding for task assignment 60 by \$145,000 (\$139,664 for cost and \$5,336 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Darlene T. Baxter Contracting Officer</b>		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED <b>7-18-89</b>
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

\*(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,905,562 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$523,425 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 112</u>	<u>Funded By Mod. No. 113</u>	<u>Amount through Mod. No. 113</u>
Cost	\$10,765,898	\$139,664	\$10,905,562
Fee	<u>518,089</u>	<u>5,336</u>	<u>523,425</u>
TOTAL CPFF	\$11,283,987	\$145,000	\$11,428,987

CONTRACT SUMMARY

	<u>Amount through Mod. No. 112</u>	<u>Funded By Mod. No. 113</u>	<u>Amount through Mod. No. 113</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

*file*

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF/PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 114	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to decrease the incremental funding for the subject contract by \$30,000 \$28,588 for cost and \$1,412 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) <i>[Signature]</i>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTING OFFICER SENIOR CONTRACT NEGOTIATOR (Signature of person authorized to sign)	15C. DATE SIGNED 22 AUG 1997	16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8-22-97



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,876,974 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$522,013 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

FUNDING SUMMARY

	Amount through <u>Mod. No. 113</u>	Funded By <u>Mod. No. 114</u>	Amount through <u>Mod. No. 114</u>
Cost	\$10,905,562	-\$28,588	\$10,876,974
Fee	<u>523,425</u>	<u>- 1,412</u>	<u>522,013</u>
TOTAL CPFF	\$11,428,987	-\$30,000	\$11,398,987

CONTRACT SUMMARY

	Amount through <u>Mod. No. 113</u>	Funded By <u>Mod. No. 114</u>	Amount through <u>Mod. No. 114</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

DIH.1284; R22264; 258-70-21-06; \$10,000 (\$9,515 for cost and \$485 for fee) (Complete); Task 54  
 DIH.1331; R22264; 258-70-21-06; \$20,000 (\$19,073 for cost and \$927 for fee) (Complete); Task 57

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 115	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DI.1170	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DI.1170;97;R22264;25870210600;\$10,000(Complete)(Task 57)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding for the subject contract by \$10,000 (\$9,499 for cost and \$501 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Darlene T. Baxter</i> (Signature of Contracting Officer)	16C. DATE SIGNED 9/10/97
(Signature of person authorized to sign)			

**FILE COPY**

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,886,473 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$522,514 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 114</u>	<u>Funded By Mod. No. 115</u>	<u>Amount through Mod. No. 115</u>
Cost	\$10,876,974	\$ 9,499	\$10,886,473
Fee	<u>522,013</u>	<u>501</u>	<u>522,514</u>
TOTAL CPFF	\$11,398,987	\$10,000	\$11,408,987

CONTRACT SUMMARY

	<u>Amount through Mod. No. 114</u>	<u>Funded By Mod. No. 115</u>	<u>Amount through Mod. No. 115</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 116		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
N/A

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

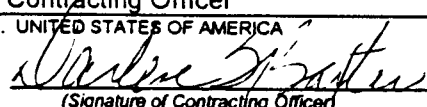
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to correct an error in the FUNDING SUMMARY on Modifications 114 and 115.

No other changes are hereby being made to this contract by issuance of this modification.

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
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 9/18/97

.....  
FUNDING SUMMARY FOR MODIFICATION 114

	<u>Amount through Mod. No. 113</u>	<u>Funded By Mod. No. 114</u>	<u>Amount through Mod. No. 114</u>
Cost	\$10,905,562	-\$28,588	\$10,876,974
Fee	<u>523,425</u>	<u>- 1,412</u>	<u>522,013</u>
TOTAL CPFF	\$11,428,987	-\$30,000	\$11,398,987*

CONTRACT SUMMARY

	<u>Amount through Mod. No. 113</u>	<u>Funded By Mod. No. 114</u>	<u>Amount through Mod. No. 114</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

FUNDING SUMMARY FOR MODIFICATION 115

	<u>Amount through Mod. No. 114</u>	<u>Funded By Mod. No. 115</u>	<u>Amount through Mod. No. 115</u>
Cost	\$10,876,974	\$ 9,499	\$10,886,473
Fee	<u>522,013</u>	<u>501</u>	<u>522,514</u>
TOTAL CPFF	\$11,398,987*	\$10,000	\$11,408,987

CONTRACT SUMMARY

	<u>Amount through Mod. No. 114</u>	<u>Funded By Mod. No. 115</u>	<u>Amount through Mod. No. 115</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

FUNDING SUMMARY FOR MODIFICATION 116

	<u>Amount through Mod. No. 115</u>	<u>Funded By Mod. No. 116</u>	<u>Amount through Mod. No. 116</u>
Cost	\$10,886,473	\$0	\$10,886,473
Fee	<u>522,514</u>	<u>0</u>	<u>522,514</u>
TOTAL CPFF	\$11,408,987	\$0	\$11,408,987

CONTRACT SUMMARY

	<u>Amount through Mod. No. 114</u>	<u>Funded By Mod. No. 115</u>	<u>Amount through Mod. No. 115</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

\*Corrected item

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 117	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DIH.1398	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE		
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)			(x)	9A. AMENDMENT OF SOLICITATION NO.
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194				9B. DATED (SEE ITEM 11)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
				10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1398;R20708;97;50564125800;\$25,000(Complete)(Task 62)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$25,000 (\$23,868 for cost and \$1,132 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Darlene T. Baxter</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10/1/97
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,910,341 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$523,646 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 116</u>	<u>Funded By Mod. No. 117</u>	<u>Amount through Mod. No. 117</u>
Cost	\$10,886,473	\$23,868	\$10,910,341
Fee	<u>522,514</u>	<u>1,132</u>	<u>523,646</u>
TOTAL CPFF	\$11,408,987	\$25,000	\$11,433,987

CONTRACT SUMMARY

	<u>Amount through Mod. No. 116</u>	<u>Funded By Mod. No. 117</u>	<u>Amount through Mod. No. 117</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. <b>118</b>	3. EFFECTIVE DATE <b>See Block 16C</b>	4. REQUISITION/PURCHASE REQ. NO. <b>DCO.1096</b>	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-18925</b>
			10B. DATED (SEE ITEM 13) <b>6/21/89</b>
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
**DCO.1096;R20708;505641258;\$11,683(Complete)(Task 56)**

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to increase the incremental funding on the subject contract by \$11,683 (\$11,063 for cost and \$620 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY <i>Darlene Baxter</i> (Signature of Contracting Officer)	<i>10/2/89</i>

FILE COPY



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$10,921,404 and covers the following period of performance: Contract award through November 21, 1997.

(b) An additional amount of \$524,266 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....

FUNDING SUMMARY

	<u>Amount through Mod. No. 117</u>	<u>Funded By Mod. No. 118</u>	<u>Amount through Mod. No. 118</u>
Cost	\$10,910,341	\$11,063	\$10,921,404
Fee	<u>523,646</u>	<u>620</u>	<u>524,266</u>
TOTAL CPFF	\$11,433,987	\$11,683	\$11,445,670

CONTRACT SUMMARY

	<u>Amount through Mod. No. 117</u>	<u>Funded By Mod. No. 118</u>	<u>Amount through Mod. No. 118</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 119		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6) CODE		

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to increase the incremental funding on the subject contract by \$129,100 (\$121,952 for cost and \$7,148 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>[Signature]</u> (Signature of Contracting Officer)	16C. DATE SIGNED 10-15-89
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,043,356 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$531,414 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....

FUNDING SUMMARY

	<u>Amount through Mod. No. 118</u>	<u>Funded By Mod. No. 119</u>	<u>Amount through Mod. No. 119</u>
Cost	\$10,921,404	\$121,952	\$11,043,356
Fee	<u>524,266</u>	<u>7,148</u>	<u>531,414</u>
TOTAL CPFF	\$11,445,670	\$129,100	\$11,574,770

CONTRACT SUMMARY

	<u>Amount through Mod. No. 118</u>	<u>Funded By Mod. No. 119</u>	<u>Amount through Mod. No. 119</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

DCO.1149;98;R20895;53804111100;\$119,100 (Complete)(Task 61)  
 DIH.1404;97;R23093;27458015000;\$10,000(Complete)(Task 54)

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 120		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. DIH.1403		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		CODE		PAGE OF PAGES 1   2	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89

**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)  
DIH.1403;98;R22276;25870210600;\$10,000(Complete)(Task 57)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$10,000 (\$9,574 for cost and \$426 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darleae T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10-17-89

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

\*(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,052,930 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$531,840 is obligated under this contract for payment of fee.\*

All other terms and conditions remain unchanged.

.....

FUNDING SUMMARY

	<u>Amount through Mod. No. 119</u>	<u>Funded By Mod. No. 120</u>	<u>Amount through Mod. No. 120</u>
Cost	\$11,043,356	\$ 9,574	\$11,052,930
Fee	<u>531,414</u>	<u>426</u>	<u>531,840</u>
TOTAL CPFF	\$11,574,770	\$10,000	\$11,584,770

CONTRACT SUMMARY

	<u>Amount through Mod. No. 119</u>	<u>Funded By Mod. No. 120</u>	<u>Amount through Mod. No. 120</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 121	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See Block 12	5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1409;97;R23093;27458015000;\$4,400;98;R22276;25870210600;\$5,800(Complete)(Task 54)


**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$10,200 (\$9,725 for cost and \$475 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/4/97
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,062,655 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$532,315 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

FUNDING SUMMARY

	<u>Amount through Mod. No. 120</u>	<u>Funded By Mod. No. 121</u>	<u>Amount through Mod. No. 121</u>
Cost	\$11,052,930	\$9,725	\$11,062,655
Fee	<u>531,840</u>	<u>475</u>	<u>532,315</u>
TOTAL CPFF	<b>\$11,584,770</b>	<b>\$10,200</b>	<b>\$11,594,970</b>

CONTRACT SUMMARY

	<u>Amount through Mod. No. 120</u>	<u>Funded By Mod. No. 121</u>	<u>Amount through Mod. No. 121</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	<b>\$13,433,904</b>	<b>\$0</b>	<b>\$13,433,904</b>

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 122	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

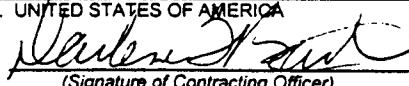
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$563,500 (\$544,964 for cost and \$18,536 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/7/97
(Signature of person authorized to sign)			

FILE COPY



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,607,619 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$550,851 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through</u> <u>Mod. No. 121</u>	<u>Funded By</u> <u>Mod. No. 122</u>	<u>Amount through</u> <u>Mod. No. 122</u>
Cost	\$11,062,655	\$544,964	\$11,607,619
Fee	<u>532,315</u>	<u>18,536</u>	<u>550,851</u>
TOTAL CPFF	\$11,594,970	\$563,500	\$12,158,470

CONTRACT SUMMARY

	<u>Amount through</u> <u>Mod. No. 121</u>	<u>Funded By</u> <u>Mod. No. 122</u>	<u>Amount through</u> <u>Mod. No. 122</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

PR#	PY	Job Order	Program No.	Amount	Status	Task No.
DIH.1410	98	R22276	25870210600	\$29,600	Complete	Task 64
DIH.1414	98	H15275	53708222100	\$150,000	Complete	Task 60
DIH.1384	98	H15275	537-08-22-21	\$200,000	Complete	Task 60
DIH.1415	98	H15275	53708222100	\$183,900	Complete	Task 66
TOTAL				\$563,500		

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 123	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

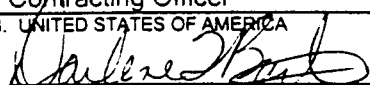
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding on the subject contract by \$120,000 (\$116,020 for cost and \$3,980 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/14/97
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,723,639 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$554,831 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

FUNDING SUMMARY

	<u>Amount through Mod. No. 122</u>	<u>Funded By Mod. No. 123</u>	<u>Amount through Mod. No. 123</u>
Cost	\$11,607,619	\$116,020	\$11,723,639
Fee	<u>550,851</u>	<u>3,980</u>	<u>554,831</u>
TOTAL CPFF	\$12,158,470	\$120,000	\$12,278,470

CONTRACT SUMMARY

	<u>Amount through Mod. No. 122</u>	<u>Funded By Mod. No. 123</u>	<u>Amount through Mod. No. 123</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

BAA.0996;97;R22024;52224110200;\$40,000(Complete)(Task 68)  
 BAA.0996;97;R22126;52222210600;\$8,000(Complete)(Task 68)  
 BAA.0996;98;R22875;52224110900;\$52,000(Complete)(Task 68)  
 DCO.1152;98;R20895;53804111100;\$20,000(Complete)(Task 65)

Total \$120,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 124	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. BAA.0993		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE			
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE				

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
BAA.0993;98;R22875;52224110900;\$51,000(Complete)(Task 58)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)


**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding on the subject contract by \$51,000 (\$49,518 for cost and \$1,482 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED 11/18/87
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,773,157 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$556,313 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....

FUNDING SUMMARY

	<u>Amount through Mod. No. 123</u>	<u>Funded By Mod. No. 124</u>	<u>Amount through Mod. No. 124</u>
Cost	\$11,723,639	\$49,518	\$11,773,157
Fee	<u>554,831</u>	<u>1,482</u>	<u>556,313</u>
TOTAL CPFF	\$12,278,470	\$51,000	\$12,329,470

CONTRACT SUMMARY

	<u>Amount through Mod. No. 123</u>	<u>Funded By Mod. No. 124</u>	<u>Amount through Mod. No. 124</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 125	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.
				9B. DATED (SEE ITEM 11)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
				10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

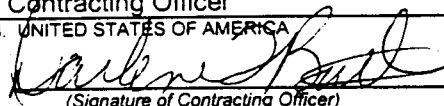
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$102,900 (\$99,345 for cost and \$3,555 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED
(Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
	16C. DATE SIGNED 11/18/97

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,872,502 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$559,868 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....

FUNDING SUMMARY

	<u>Amount through</u> <u>Mod. No. 124</u>	<u>Funded By</u> <u>Mod. No. 125</u>	<u>Amount through</u> <u>Mod. No. 125</u>
Cost	\$11,773,157	\$ 99,345	\$11,872,502
Fee	556,313	<u>3,555</u>	<u>559,868</u>
TOTAL CPFF	\$12,329,470	\$102,900	\$12,432,370

CONTRACT SUMMARY

	<u>Amount through</u> <u>Mod. No. 124</u>	<u>Funded By</u> <u>Mod. No. 125</u>	<u>Amount through</u> <u>Mod. No. 125</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

- DIH.1411;97;H15275;53708222100;\$7,278;(Complete)(Task 7)
- DIH.1411;98;R19732;53804111500;\$2,545;(Complete)(Task 7)
- DIH.1411;98;R20895;53804111100;\$1,653;(Complete)(Task 7)
- DIH.1411;98R22276;25870210600;\$1,596;(Complete)(Task 7)
- DIH.1411;98;R22839;54810110200;\$1,247;(Complete)(Task 7)
- DIH.1411;98;R22875;52224110900;\$4,581;(Complete)(Task 7)
- DIH.1412;98;R22839;54810110200;\$74,400;(Complete)(Task 63)
- DIH.1420;98;R23281;63220215000;\$9,600;(Complete)(Task 67)

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 126	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.	
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
			10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

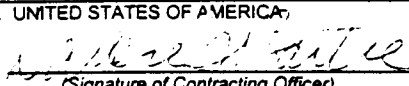
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding on the subject contract by \$399,000 (\$385,144 for cost and \$13,856 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Darlene T. Baxter Contracting Officer	
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)	11/21/87

FILE COPY



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$11,872,502 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$559,868 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 125</u>	<u>Funded By Mod. No. 126</u>	<u>Amount through Mod. No. 126</u>
Cost	\$11,872,502	\$385,144	\$12,257,646
Fee	<u>559,868</u>	<u>13,856</u>	<u>573,724</u>
TOTAL CPFF	\$12,432,370	\$399,000	\$12,831,370

CONTRACT SUMMARY

	<u>Amount through Mod. No. 125</u>	<u>Funded By Mod. No. 126</u>	<u>Amount through Mod. No. 126</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

DIH.1398;98;R19732;538-04-11-15;\$150,000;(Complete)(Task 62)  
 BAA.0999;98;R23136;52224111000;\$150,000;(Complete)(Task 68)  
 BAA.0999;98;R22875;52224110900;\$99,000;(Complete)(Task 68)

Total \$399,000

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 127		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		

1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89

**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)  
DIH.1434;98;R23281;63220215000;\$9,600;(Complete)(Task 67)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$9,600 (\$9,326 for cost and \$274 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED 3/2/95

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,266,972 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$573,998 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 126</u>	<u>Funded By Mod. No. 127</u>	<u>Amount through Mod. No. 127</u>
Cost	\$12,257,646	\$9,326	\$12,266,972
Fee	<u>573,724</u>	<u>274</u>	<u>573,998</u>
TOTAL CPFF	\$12,831,370	\$9,600	\$12,840,970

CONTRACT SUMMARY

	<u>Amount through Mod. No. 126</u>	<u>Funded By Mod. No. 127</u>	<u>Amount through Mod. No. 127</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. 128	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINISTERED BY (If other than Item 6) CODE	
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)		(x)	9A. AMENDMENT OF SOLICITATION NO.
Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DIH.1384;H15275;537-08-22-21;\$200,000(Complete)(Task 60)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

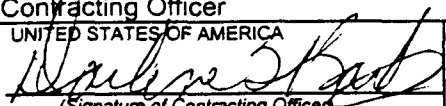
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the incremental funding on the subject contract by \$200,000 (\$192,446 for cost and \$7,554 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY 	4-24-98
		(Signature of Contracting Officer)	

**FILE COPY**

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,459,418 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$581,552 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 127</u>	<u>Funded By Mod. No. 128</u>	<u>Amount through Mod. No. 128</u>
Cost	\$12,266,972	\$192,446	\$12,459,418
Fee	<u>573,998</u>	<u>7,554</u>	<u>581,552</u>
TOTAL CPFF	\$12,840,970	\$200,000	\$13,040,970

CONTRACT SUMMARY

	<u>Amount through Mod. No. 127</u>	<u>Funded By Mod. No. 128</u>	<u>Amount through Mod. No. 128</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 129	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DCO.1152		5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001				

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
DCO.1152;98;R20895;538-04-11-11;\$7,088(Complete)(Task 65)

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**


(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$7,088 (\$6,698 for cost and \$390 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED 6-22-98
(Signature of person authorized to sign)	

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,466,116 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,942 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

FUNDING SUMMARY

	<u>Amount through Mod. No. 128</u>	<u>Funded By Mod. No. 129</u>	<u>Amount through Mod. No. 129</u>
Cost	\$12,459,418	\$6,698	\$12,466,116
Fee	<u>581,552</u>	<u>390</u>	<u>581,942</u>
TOTAL CPFF	\$13,040,970	\$7,088	\$13,048,058

CONTRACT SUMMARY

	<u>Amount through Mod. No. 128</u>	<u>Funded By Mod. No. 129</u>	<u>Amount through Mod. No. 129</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. <p style="text-align: center;">130</p>	3. EFFECTIVE DATE <p style="text-align: center;">See Block 16C</p>	4. REQUISITION/PURCHASE REQ. NO. <p style="text-align: center;">See page 2</p>	5. PROJECT NO. (If applicable)
6. ISSUED BY <p style="text-align: center;">National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001</p>		7. ADMINISTERED BY (If other than Item 6)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. <p style="text-align: center;">NAS1-18925</p>
			10B. DATED (SEE ITEM 13) <p style="text-align: center;">6/21/89</p>
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

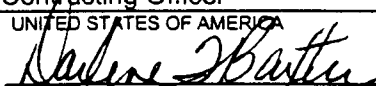
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to transfer \$4,888 of the amount provided for the incremental funding from Task 68 to Task 58. See page 2 for the Funding Summary information and Accounting and Appropriation Data. Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 7/10/98
(Signature of person authorized to sign)			



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,466,476 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,582 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 129</u>	<u>Funded By Mod. No. 130</u>	<u>Amount through Mod. No. 130</u>
Cost	\$12,466,116	\$360	\$12,466,476
Fee	<u>581,942</u>	<u>-360</u>	<u>581,582</u>
TOTAL CPFF	\$13,048,058	\$0	\$13,048,058

CONTRACT SUMMARY

	<u>Amount through Mod. No. 129</u>	<u>Funded By Mod. No. 130</u>	<u>Amount through Mod. No. 130</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING APPROPRIATION DATA:

Transfer from Task 68 to Task 58

BAA.0999;98;R22875;52224110900;\$4,888 (complete)

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 131		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. See page 2		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		CODE		CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

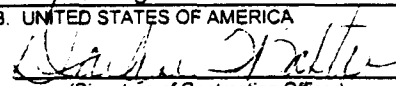
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to increase the incremental funding on the subject contract by \$104,300 (\$99,772 for cost and \$4,528 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
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 8/6/89

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,566,248 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of \$586,110 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 130</u>	<u>Funded By Mod. No. 131</u>	<u>Amount through Mod. No. 131</u>
Cost	\$12,466,476	\$99,772	\$12,566,248
Fee	<u>581,582</u>	<u>4,528</u>	<u>586,110</u>
TOTAL CPFF	\$13,048,058	\$104,300	\$13,152,358

CONTRACT SUMMARY

	<u>Amount through Mod. No. 130</u>	<u>Funded By Mod. No. 131</u>	<u>Amount through Mod. No. 131</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING AND APPROPRIATION DATA:

DIH.1444;98;R23643;25880000100;\$84,900; (Complete)(Task 67)  
 DIH.1446;98;R23636;54881110300;\$19,400;(Complete)(Task 63)

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 132	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (if applicable)
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001	7. ADMINISTERED BY (If other than Item 6)	CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
			10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE		

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

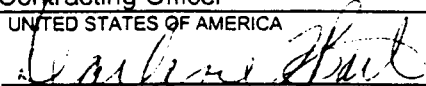
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purposes of this modification are to deobligate excess funding from Task 56 in the amount of \$2,500 (\$2,500 from cost and \$0 from fee), and to transfer \$1,148 from fee to cost on Task 62. Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9/23/98
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,564,896 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 584,962 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

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FUNDING SUMMARY

	Amount through <u>Mod. No. 131</u>	Funded By <u>Mod. No. 132</u>	Amount through <u>Mod. No. 132</u>
Cost	\$12,566,248	-\$1,352	\$12,564,896
Fee	<u>586,110</u>	<u>-\$1,148</u>	<u>584,962</u>
TOTAL CPFF	\$13,152,358	-\$2,500	\$13,149,858

CONTRACT SUMMARY

	Amount through <u>Mod. No. 131</u>	Funded By <u>Mod. No. 132</u>	Amount through <u>Mod. No. 132</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING APPROPRIATION DATA:

DCO.1096;97;R20708;505641258;-\$2,500;(Complete)(Task 56)

Transfer from Fee to Cost - Task 62

DIH.1398;98;R19732;538041115;1,148;(Complete)(Task 62 from fee to cost)

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 133		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE			

National Aeronautics and Space Administration  
Langley Research Center  
Hampton, VA 23681-0001

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)  Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925
		10B. DATED (SEE ITEM 13) 6/21/89
CODE	FACILITY CODE	

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
See page 2

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

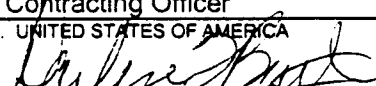
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to realign the amounts for cost and fee to be consistent with the authorized task assignment amounts. The total cost plus fixed-fee amount remains at \$13,149,858. Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9/30/98
(Signature of person authorized to sign)			

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,570,774 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 579,084 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

\*\*\*\*\*  
FUNDING SUMMARY

	<u>Amount through</u> <u>Mod. No. 132</u>	<u>Funded By</u> <u>Mod. No. 133</u>	<u>Amount through</u> <u>Mod. No. 133</u>
Cost	\$12,564,896	\$5,878	\$12,570,774
Fee	<u>584,962</u>	<u>-5,878</u>	<u>579,084</u>
TOTAL CPFF	\$13,149,858	\$0	\$13,149,858

CONTRACT SUMMARY

	<u>Amount through</u> <u>Mod. No. 132</u>	<u>Funded By</u> <u>Mod. No. 133</u>	<u>Amount through</u> <u>Mod. No. 133</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

ACCOUNTING APPROPRIATION DATA:

Make the following transfer of funding:

<u>From</u> <u>Task No.</u>	<u>To</u> <u>Task No.</u>	<u>Amount</u>	<u>Line</u> <u>Item</u>
41	37	8,325.80	317
41	53	21,934.20	265/317
41	42	1,275.70	317
41	7	13,240.10	317
46	38	33,033.70	313/280/314
46	50	10,577.90	314
46	7	4,265.80	314
48	43	14,848.10	319
48	44	147.80	319
48	45	159.90	319
48	55	265	319
48	7	9,990.50	319/263
56	39	2,598.30	276

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 134		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. DIH.1384	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		5. PROJECT NO. (If applicable)	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194		(x)	9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925		
			10B. DATED (SEE ITEM 13) 6/21/89		
CODE	FACILITY CODE				

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

DIH.1384;98;H15275;537082221;\$54,500;(Complete)(Obligate) Task 60

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

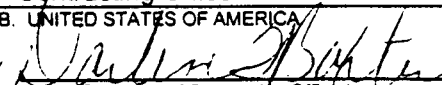
**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to provide incremental funding in the amount of \$54,500 (\$52,464 for cost and \$2,036 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 10/8/98
(Signature of person authorized to sign)			

FILE COPY



A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,623,238 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,120 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

FUNDING SUMMARY

	<u>Amount through Mod. No. 133</u>	<u>Funded By Mod. No. 134</u>	<u>Amount through Mod. No. 134</u>
Cost	\$12,570,774	\$52,464	\$12,623,238
Fee	<u>579,084</u>	<u>2,036</u>	<u>581,120</u>
TOTAL CPFF	\$13,149,858	\$54,500	\$13,204,358

CONTRACT SUMMARY

	<u>Amount through Mod. No. 133</u>	<u>Funded By Mod. No. 134</u>	<u>Amount through Mod. No. 134</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTALCPFF	\$13,433,904	\$0	\$13,433,904

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE: PAGE OF PAGES  
 2. AMENDMENT/MODIFICATION NO. 135: 3. EFFECTIVE DATE See Block 16C: 4. REQUISITION/PURCHASE REQ. NO. DCO.1195: 5. PROJECT NO. (If applicable):

6. ISSUED BY CODE: National Aeronautics and Space Administration  
 Langley Research Center  
 Hampton, VA 23681-0001  
 7. ADMINISTERED BY (If other than Item 6) CODE:

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code):  
 Research Triangle Institute  
 Attn: Scott Merrell  
 P. O. Box 12194  
 Research Triangle Park, NC 27709-2194  
 9A. AMENDMENT OF SOLICITATION NO. (x)  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. X NAS1-18925  
 10B. DATED (SEE ITEM 13) 6/21/89  
 CODE FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
 DCO.1195;99;R23815;57602111100;\$10,400;(Complete)(Obligate) Task 61

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
 X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
 D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to provide incremental funding in the amount of \$10,400 (\$10,093 for cost and \$307 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
 15B. CONTRACTOR/OFFEROR: 15C. DATE SIGNED: 16B. UNITED STATES OF AMERICA: 16C. DATE SIGNED  
 BY: *Darlene T. Baxter* 10/16/98  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

**FILE**

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,633,331 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,427 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 134</u>	<u>Funded By Mod. No. 135</u>	<u>Amount through Mod. No. 135</u>
Cost	\$12,623,238	\$10,093	\$12,633,331
Fee	<u>581,120</u>	<u>307</u>	<u>581,427</u>
TOTAL CPFF	\$13,204,358	\$10,400	\$13,214,758

CONTRACT SUMMARY

	<u>Amount through Mod. No. 134</u>	<u>Funded By Mod. No. 135</u>	<u>Amount through Mod. No. 135</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 136	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. DIH.1469		5. PROJECT NO. (If applicable)	
6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research Triangle Institute Attn: Scott Merrell P. O. Box 12194 Research Triangle Park, NC 27709-2194			(x)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-18925	
				10B. DATED (SEE ITEM 13) 6/21/89	
CODE	FACILITY CODE				

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

DIH.1469;99;H15275;53708222100;\$7,800;(Complete)(Obligate) Task 66

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

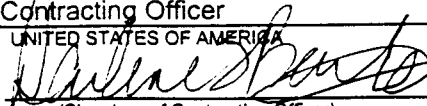
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

The purpose of this modification is to provide incremental funding in the amount of \$7,800 (\$7,648 for cost and \$152 for fee). Consequently, the following changes are hereby being made to the Contract Schedule:

(Continued on page 2)

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Darlene T. Baxter Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/13/98
(Signature of person authorized to sign)			

FILE COPY

A. Under paragraphs A. and B. of H.2, CONTRACT FUNDING, revise as follows:

"(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$12,640,979 and covers the following period of performance: Contract award through November 21, 1998.

(b) An additional amount of 581,579 is obligated under this contract for payment of fee."

All other terms and conditions remain unchanged.

.....  
FUNDING SUMMARY

	<u>Amount through Mod. No. 135</u>	<u>Funded By Mod. No. 136</u>	<u>Amount through Mod. No. 136</u>
Cost	\$12,633,331	\$7,648	\$12,640,979
Fee	<u>581,427</u>	<u>152</u>	<u>581,579</u>
TOTAL CPFF	\$13,214,758	\$7,800	\$13,222,558

CONTRACT SUMMARY

	<u>Amount through Mod. No. 135</u>	<u>Funded By Mod. No. 136</u>	<u>Amount through Mod. No. 136</u>
Cost	\$12,833,904	\$0	\$12,833,904
Fee	<u>600,000</u>	<u>0</u>	<u>600,000</u>
TOTAL CPFF	\$13,433,904	\$0	\$13,433,904