

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 1	3. EFFECTIVE DATE JUN 13 1996	4. REQUISITION/PURCHASE REQ. NO. DII.1108		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)  Boeing Defense and Space Group Research and Technology P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: DII.1108; R19565; \$50,000; R21268; \$212,000 (Complete) (Task 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:

**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 obligate an additional \$262,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. BRIGLIA	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Shirley D. Briglia (Signature of Contracting Officer)	16C. DATE SIGNED 6-13-96
(Signature of person authorized to sign)			

allotted by the Government to this contract is \$322,000. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.

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**CONTRACT SUMMARY**

	<b><u>Basic Contract</u></b>	<b><u>Mod. No. 1</u></b>	<b>Amount Through <u>Mod. No. 1</u></b>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<b><u>Basic Contract</u></b>	<b><u>Mod. No.1</u></b>	<b>Amount Through <u>Mod. No. 1</u></b>
<b>Estimated Cost</b>	\$ 60,000	\$262,000	\$ 322,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1      2
2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE AUG 27 1996	4. REQUISITION/PURCHASE REQ. NO. DSJ.1135	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)  Boeing Defense and Space Group Research and Technology P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341  10B. DATED (SEE ITEM 13) 6/07/96
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: DSJ.1135; R21090; \$110,000 (Complete) (Task 3)

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

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

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

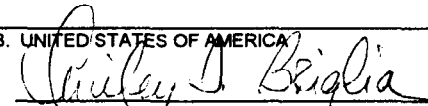
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to obligate an additional \$110,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. BRIGLIA	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 8-27-96
(Signature of person authorized to sign)			

allotted by the Government to this contract is \$432,000. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 1</u>	<u>Mod. No. 2</u>	Amount Through <u>Mod. No. 2</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 1</u>	<u>Mod. No.2</u>	Amount Through <u>Mod. No. 2</u>
<b>Estimated Cost</b>	\$322,000	\$110,000	\$432,000

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE	PAGE OF PAGES	
	1	2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.
3	JUL 1997	LA.1051
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)  Boeing Defense and Space Group Research and Technology P. O. Box 3999 Seattle, WA 98124	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	<input checked="" type="checkbox"/>	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: LA.1051; R21861; \$50,000 (Complete) (Task 4)

**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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

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 obligate an additional \$50,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

\*B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 7-3-97
(Signature of person authorized to sign)			

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allotted by the Government to this contract is \$482,000. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 2</u>	<u>Mod. No.3</u>	Amount Through <u>Mod. No. 3</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 2</u>	<u>Mod. No.3</u>	Amount Through <u>Mod. No. 3</u>
<b>Estimated Cost</b>	\$432,000	\$50,000	\$482,000

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. <b>4</b>		3. EFFECTIVE DATE <b>JUN 07 1997</b>	4. REQUISITION/PURCHASE REQ. NO. <b>DMH.1455</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>Boeing Defense and Space Group Research and Technology P. O. Box 3999 Seattle, WA 98124</b>		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20341</b>
			10B. DATED (SEE ITEM 13) <b>6/07/96</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)  
**PR: DMH.1455; R22785; \$43,000 (Complete)(T/A 5)**

**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:

**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 obligate an additional \$43,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

\*B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) <b>SHIRLEY D. EVANS</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>8-27-97</b>
(Signature of person authorized to sign)			

allotted by the Government to this contract is \$525,000. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 3</u>	<u>Mod. No.4</u>	<u>Amount Through Mod. No. 4</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 3</u>	<u>Mod. No. 4</u>	<u>Amount Through Mod. No. 4</u>
<b>Estimated Cost</b>	\$482,000	\$43,000	\$525,000



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 1
2. AMENDMENT/MODIFICATION NO. 5	3. EFFECTIVE DATE OCT 06 1997	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)  Boeing Defense and Space Group Research and Technology P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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.**

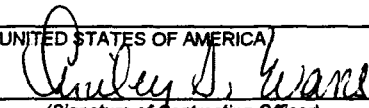
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET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

**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.)  
This modification is issued to reflect the Contractor's change of name. The Contractor's name and address shall read as follows:-

The Boeing Company  
Information, Space, and Defense Systems Group (ISDS)  
P. O. Box 3999  
Seattle, WA 98124

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) SHIRLEY D. EVANS	
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 10-6-97

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<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 6	3. EFFECTIVE DATE JUN 03 1998	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)  The Boeing Company Information, Space & Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
CODE	FACILITY CODE	

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- (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:

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

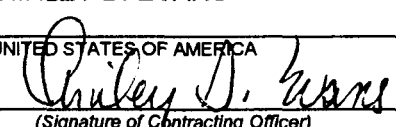
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to replace paragraph G.2, Payments and Invoices, and revise Exhibit A, Paragraph II.D, to provide for direct submission of vouchers for payment.

Accordingly, the contract is hereby modified as follows:

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SHIRLEY D. EVANS
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 6-3-98

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I. Paragraph G.2, Payments and Invoices, is hereby deleted and replaced with the following:

"G.2 Submission of Vouchers for Payment

- (a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is identified below. Public vouchers for payment of costs shall include a reference to the number of this contract.
- (b)(1) If the Contractor is authorized to submit interim cost vouchers directly to the NASA paying office, the original voucher should be submitted to:

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

- (2) For any period that the Defense Contract Audit Agency has authorized the Contractor to submit interim cost vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.
- (3) Copies of vouchers should be submitted as directed by the Contracting Officer.
- (c) If the Contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the Contractor shall prepare and submit vouchers as follows:
  - (1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to:

DCAA Western Region  
 Boeing Resident Office  
 P. O. Box 6240  
 Kent, WA 98064-6240

(2) Five copies of SF 1034, SF 1035A, or equivalent Contractor's attachment to the following offices by insertion in the memorandum block of their names and addresses:

- (i) Copy 1 NASA Contracting Officer
- (ii) Copy 2 Auditor
- (iii) Copy 3 Contractor
- (iv) Copy 4 Contract administration office

(3) The Contracting Officer may designate other recipients as required.

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

II. Exhibit A, Paragraph II.D., Document Distribution Requirements, is hereby deleted and replaced with the following:

"D. When the Contract Administrator (A) is not designated above to receive a copy of a report or document, the Contractor shall furnish a copy of the report/document transmittal letter to the Contract Administrator."

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CONTRACT SUMMARY

	Amount Through <u>Mod. No. 5</u>	<u>Mod. No. 6</u>	Amount Through <u>Mod. No. 6</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

FUNDING SUMMARY

	Amount Through <u>Mod. No. 5</u>	<u>Mod. No. 6</u>	Amount Through <u>Mod. No. 6</u>
<b>Estimated Cost</b>	\$525,000	\$0	\$525,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 7	3. EFFECTIVE DATE JUN 16 1998	4. REQUISITION/PURCHASE REQ. NO. LA.1127	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: LA.1127; R21858; \$300,000 (Complete)(T/A 6)

**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:

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

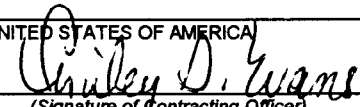
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to obligate an additional \$300,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED: 6-16-98
(Signature of person authorized to sign)			

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allotted by the Government to this contract is \$825,000. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 6</u>	<u>Mod. No. 7</u>	Amount Through <u>Mod. No. 7</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 6</u>	<u>Mod. No. 7</u>	Amount Through <u>Mod. No. 7</u>
<b>Estimated Cost</b>	\$525,000	\$300,000	\$825,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 8	3. EFFECTIVE DATE JUN 18 1998	4. REQUISITION/PURCHASE REQ. NO. DII.1186	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: DII.1186; R23049; \$5,000; R23456; \$15,000 (Complete)(T/A 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:

**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.)**

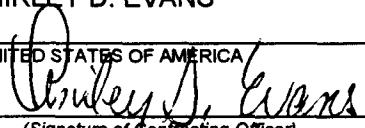
The purpose of this modification is to obligate an additional \$20,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 6-18-98
(Signature of person authorized to sign)			

FILE COPY

allotted by the Government to this contract is \$845,000. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.”

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 7</u>	<u>Mod. No. 8</u>	Amount Through <u>Mod. No. 8</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 7</u>	<u>Mod. No. 8</u>	Amount Through <u>Mod. No. 8</u>
<b>Estimated Cost</b>	\$825,000	\$20,000	\$845,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 9	3. EFFECTIVE DATE <b>AUG 21 1998</b>	4. REQUISITION/PURCHASE REQ. NO. GKC.1235; DSJ.1135	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: GKC.1235;R21864; (\$16,809);R23026;(\$100)(Complete)(T/A 1); DSJ.1135; R21090;(\$4,345)(Complete)(T/A 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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR Clause 52.232-22, Limitation of Funds (APR 1984)

**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 deobligate \$21,254 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) W. N. Morton, Contracts Mgr, Phantom Works		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR <i>W. N. Morton</i> (Signature of person authorized to sign)	15C. DATE SIGNED 8-20-98	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 8-21-98

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allotted by the Government to this contract is \$823,746. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.”

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 8</u>	<u>Mod. No. 9</u>	Amount Through <u>Mod. No. 9</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 8</u>	<u>Mod. No. 9</u>	Amount Through <u>Mod. No. 9</u>
<b>Estimated Cost</b>	\$845,000	(\$21,254)	\$823,746

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. 10		3. EFFECTIVE DATE <b>SEP 17 1998</b>	4. REQUISITION/PURCHASE REQ. NO. DII.1192	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)		(x)	9A. AMENDMENT OF SOLICITATION NO.
The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
			10B. DATED (SEE ITEM 13) 6/07/96

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: DII.1192; R21268: \$23,000 (Complete)(T/A 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:

**E. IMPORTANT:** Contractor is X 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.)

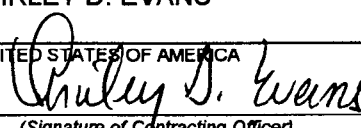
The purpose of this modification is to obligate \$23,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9-17-98
(Signature of person authorized to sign)			

**FILE COPY**

allotted by the Government to this contract is \$846,746. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.”

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 9</u>	<u>Mod. No. 10</u>	Amount Through <u>Mod. No. 10</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 9</u>	<u>Mod. No. 10</u>	Amount Through <u>Mod. No. 10</u>
<b>Estimated Cost</b>	\$823,746	\$23,000	\$846,746

OMB Approval #: 2700-0042

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 11	3. EFFECTIVE DATE SEP 22 1998	4. REQUISITION/PURCHASE REQ. NO. LA.1051	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) The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124		(X)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341	
			10B. DATED (SEE ITEM 13) 8/07/98	
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: LA.1051; R21881; (\$1,804) (Complete)(T/A 4)

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR Clause 52.232-22, Limitation of Funds (APR 1984)

**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 deobligate \$1,804 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

**\*B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)**

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(CONTINUED ON ATTACHED PAGE)

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

18A. NAME AND TITLE OF SIGNER (Type or print) W.L.N. MORTON CONTRACT MANAGER		18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SHIRLEY D. EVANS	
18B. CONTRACTOR/OFFEROR WLMorton (Signature of person authorized to sign)	18C. DATE SIGNED 9-18-98	18B. UNITED STATES OF AMERICA BY Shirley D. Evans (Signature of Contracting Officer)	18C. DATE SIGNED 9-22-98

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allotted by the Government to this contract is \$844,942. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 10</u>	<u>Mod. No. 11</u>	<u>Amount Through Mod. No. 11</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 10</u>	<u>Mod. No. 11</u>	<u>Amount Through Mod. No. 11</u>
<b>Estimated Cost</b>	\$846,746	(\$1,804)	\$844,942

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 12	3. EFFECTIVE DATE NOV 12 1998	4. REQUISITION/PURCHASE REQ. NO. GP.1036	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: GP.1036; R23860; \$15,600 (Complete)(T/A 7)

**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:

**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.)

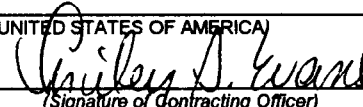
The purpose of this modification is to obligate \$15,600 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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)	
		SHIRLEY D. EVANS	
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)	11-12-98

**FILE**

allotted by the Government to this contract is \$860,542. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 11</u>	<u>Mod. No. 12</u>	Amount Through <u>Mod. No. 12</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 11</u>	<u>Mod. No. 12</u>	Amount Through <u>Mod. No. 12</u>
<b>Estimated Cost</b>	\$844,942	\$15,600	\$860,542

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 13	3. EFFECTIVE DATE DEC 8 1998	4. REQUISITION/PURCHASE REQ. NO. GP.1036	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124		(x)	9A. AMENDMENT OF SOLICITATION NO.	
			9B. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341	
			10B. DATED (SEE ITEM 13) 6/07/96	
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: GP.1036; R23860; (\$15,600)(Complete)(T/A 7)

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

(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR Clause 52.232-22, Limitation of Funds (APR 1984)

**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 deobligate \$15,600 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) W. N. Morton, Contracts Manager, Phantom Works		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR <i>W. N. Morton</i> (Signature of person authorized to sign)	15C. DATE SIGNED 12-1-98	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 12-8-98

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allotted by the Government to this contract is \$844,942. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 12</u>	<u>Mod. No. 13</u>	<u>Amount Through Mod. No. 13</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 12</u>	<u>Mod. No. 13</u>	<u>Amount Through Mod. No. 13</u>
<b>Estimated Cost</b>	\$ 860,542	(\$15,600)	\$ 844,942

<b>DOCUMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
AMENDMENT/MODIFICATION NO. 14	3. EFFECTIVE DATE DEC 15 1998	4. REQUISITION/PURCHASE REQ. NO. DSD.1625	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: DSD.1625; R23059; \$50,000 (Complete)(T/A 8)

**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:

**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 obligate \$50,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Shirley D. Evans (Signature of Contracting Officer)	16C. DATE SIGNED 12-15-98
(Signature of person authorized to sign)			

FILE COPY

allotted by the Government to this contract is \$894,942. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 13</u>	<u>Mod. No. 14</u>	<u>Amount Through Mod. No. 14</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 13</u>	<u>Mod. No. 14</u>	<u>Amount Through Mod. No 14</u>
<b>Estimated Cost</b>	\$ 844,942	\$50,000	\$ 894,942

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 15	3. EFFECTIVE DATE DEC 21 1998	4. REQUISITION/PURCHASE REQ. NO. DII.1214		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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96

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: DII.1214; R23049; \$50,000 (Complete)(T/A 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:

**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.)

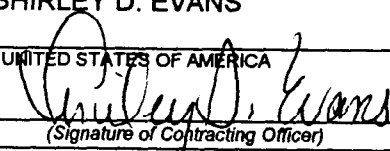
The purpose of this modification is to obligate \$50,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 12-21-98

(Signature of person authorized to sign)

FILE COPY

allotted by the Government to this contract is \$944,942. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 14</u>	<u>Mod. No. 15</u>	<u>Amount Through Mod. No. 15</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 14</u>	<u>Mod. No. 15</u>	<u>Amount Through Mod. No. 15</u>
<b>Estimated Cost</b>	\$ 894,942	\$50,000	\$ 944,942

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

2. AMENDMENT/MODIFICATION NO. <b>16</b>		3. EFFECTIVE DATE <b>JAN 22 1999</b>	4. REQUISITION/PURCHASE REQ. NO. <b>N/A</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>The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124</b>		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20341</b>
			10B. DATED (SEE ITEM 13) <b>6/07/96</b>

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
**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>FAR CLAUSE 52.243-2 CHANGES-COST REIMBURSEMENT (AUG 1987) ALTERNATE V (APR 1984)</b>
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

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

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

The purpose of this modification is to incorporate the requirement for Year 2000 compliance into the contract Statement of Work (SOW), Paragraph C.1. As a result, the following SOW changes are hereby made:

C.1 STATEMENT OF WORK, add the following subparagraph:

(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) <b>W.N. MORTON</b> Contracts Manager Phantom Works		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>SHIRLEY D. EVANS</b>	
15B. CONTRACTOR/OFFEROR <b>W.N. Morton</b> (Signature of person authorized to sign)	15C. DATE SIGNED <b>1-19-99</b>	16B. UNITED STATES OF AMERICA BY <b>Shirley D. Evans</b> (Signature of Contracting Officer)	16C. DATE SIGNED <b>1-22-99</b>

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**\*4.0 YEAR 2000 COMPLIANCE**

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

(b) Any IT provided or maintained under this contract must be Year 2000 compliant. To ensure this result, the Contractor shall provide documentation describing how the IT items demonstrate Year 2000 compliance.

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

\*\*\*\*\*  
**CONTRACT SUMMARY**

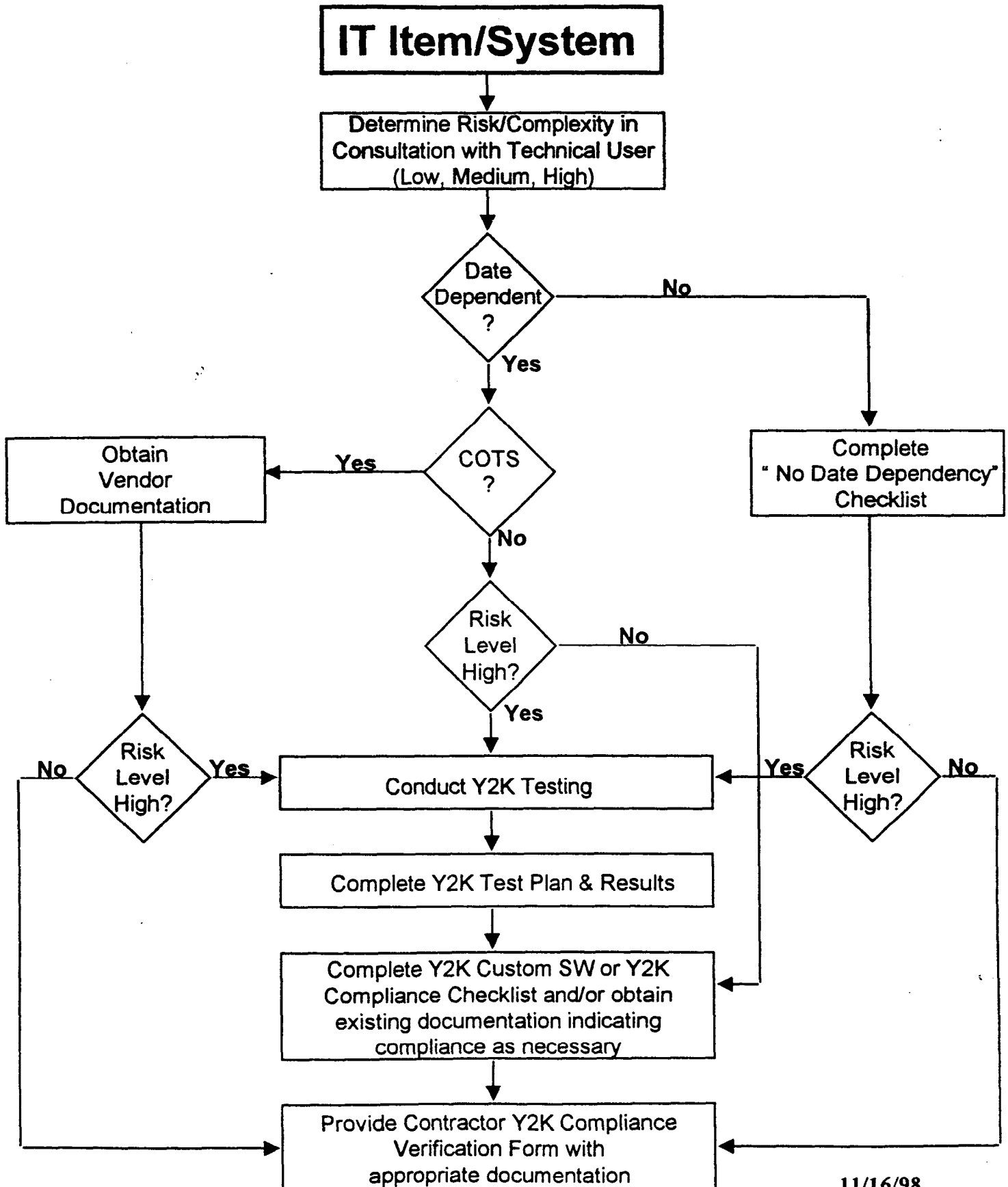
	<u>Amount Through Mod. No. 15</u>	<u>Mod. No. 16</u>	<u>Amount Through Mod. No. 16</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 15</u>	<u>Mod. No. 16</u>	<u>Amount Through Mod. No. 16</u>
<b>Estimated Cost</b>	\$ 944,942	\$0	\$ 944,942

# NASA LaRC Y2K Guideline for Documentation and Testing Requirements

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



11/16/98



# Contractor Y2K Compliance Verification Form

*NASA Langley Research Center*

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

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

**Brief Description:**

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

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

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

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

Specify: \_\_\_\_\_

**Comments:**

I certify the IT Item/System identified has been assessed for Y2K compliance using the NASA and Langley Research Center Year 2000 test and certification guidelines and requirements as guidance and that the IT Item/System is compliant as reflected in the attachments.

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

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

\_\_\_\_\_  
*Date*

**Concurrence:**

NASA COTR/Technical Monitor

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

\_\_\_\_\_  
*Date*

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE	PAGE 1 OF 2 PAGE(S)
2. AMENDMENT/MODIFICATION NO. 17	3. EFFECTIVE DATE JAN 29 1999
4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)

6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-2199	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/7/96

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

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

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

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

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR CLAUSE 52.243-2 CHANGES-COST REIMBURSEMENT (Aug 1987) ALTERNATE V (Apr 1984)

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 the monthly progress report for socioeconomic goals. Recent policy changes have eliminated this requirement.

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

(CONTINUED)

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

15A. NAME AND TITLE OF SIGNER (Type or print) W.N.Morton, Contracts Manager, Phantom Works	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SHIRLEY D. EVANS
15B. CONTRACTOR/OFFEROR <i>W.N. Morton</i> (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)
15C. DATE SIGNED 1-27-99	16C. DATE SIGNED 1-29-99

FILE COPY

- I. Part III, List of Documents, Exhibits and Other Attachments, Section J., List of Attachments, delete in its entirety “Exhibit D, Monthly Progress Report for Socioeconomic Goals (Sample)”
- II. Exhibit A, Contract Documentation Requirements, make the following changes:
  - 1) Part I, Paragraph I.E., Subcontracting Reports, delete and replace with the following:
 

“E. Subcontracting Reports—The Contractor shall submit Standard Form 294, Subcontracting Report for Individual Contracts and Standard Form 295, Summary Subcontractor Report, in accordance with the instructions on the reverse of the form.

In addition to the instructions on the reverse of the SF295, the Contractor is required to comply with Clause 1852.219.75, Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Reporting.”
  - 2) Part II, Document Distribution Requirements, subparagraph c, delete “Monthly Progress Report for Socioeconomic Goals” under the Document column. Delete “A-1” and “H-1” under Letter Code and Distribution.

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**CONTRACT SUMMARY**

	Amount Through <u>Mod. No. 16</u>	<u>Mod. No. 17</u>	Amount Through <u>Mod. No. 17</u>
Estimated Cost	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	Amount Through <u>Mod. No. 16</u>	<u>Mod. No. 17</u>	Amount Through <u>Mod. No. 17</u>
Estimated Cost	\$944,942	\$0	\$944,942

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 18	3. EFFECTIVE DATE APR 12 1999	4. REQUISITION/PURCHASE REQ. NO. GP.1056		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) The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124			(x)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341	
				10B. DATED (SEE ITEM 13) 6/07/96	
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: GP.1056; R23862; \$144,802 (Complete)(T/A 9)

**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:

**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 obligate an additional \$144,802 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 4-12-99
(Signature of person authorized to sign)			

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allotted by the Government to this contract is \$ 1,089,744. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 17</u>	<u>Mod. No. 18</u>	<u>Amount Through Mod. No. 18</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 17</u>	<u>Mod. No. 18</u>	<u>Amount Through Mod. No 18</u>
<b>Estimated Cost</b>	\$ 944,942	\$144,802	\$ 1,089,744

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 19	3. EFFECTIVE DATE APR 15 1999	4. REQUISITION/PURCHASE REQ. NO. DII.1227	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: DII.1227; R21268; \$50,000 (Complete)(T/A 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:

**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.)

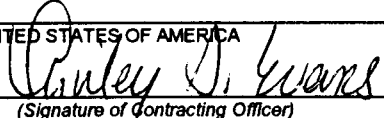
The purpose of this modification is to obligate an additional \$50,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 4-15-99
(Signature of person authorized to sign)			

FILE COPY

allotted by the Government to this contract is \$1,139,744. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 18</u>	<u>Mod. No. 19</u>	<u>Amount Through Mod. No. 19</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 18</u>	<u>Mod. No. 19</u>	<u>Amount Through Mod. No. 19</u>
<b>Estimated Cost</b>	\$ 1,089,744	\$50,000	\$ 1,139,744

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 20	3. EFFECTIVE DATE JUN 07 1999	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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:

**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.)

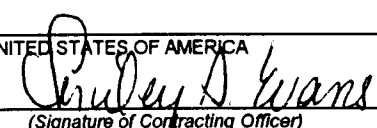
The purpose of this modification is to obligate an additional \$418,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 6-7-99
(Signature of person authorized to sign)			

FILE COPY



allotted by the Government to this contract is \$1,557,744. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.”

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 19</u>	<u>Mod. No. 20</u>	<u>Amount Through Mod. No. 20</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 19</u>	<u>Mod. No. 20</u>	<u>Amount Through Mod. No. 20</u>
<b>Estimated Cost</b>	\$ 1,139,744	\$418,000	\$ 1,557,744

\*\*\*\*\*

**ACCOUNTING AND APPROPRIATION DATA**

PR: BD.1033; R22966; \$100,000 (Complete)(T/A 10)  
 PR: BD.1024; R23144; \$100,000 (Complete)(T/A 11)  
 PR: BD.1028; R23144; \$218,000 (Complete)(T/A 11)

TOTAL                      \$418,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 21	3. EFFECTIVE DATE JUL 07 1990	4. REQUISITION/PURCHASE REQ. NO. BD.1044	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) The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124		(x)	9A. AMENDMENT OF SOLICITATION NO.	
CODE			9B. DATED (SEE ITEM 11)	
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341	
			10B. DATED (SEE ITEM 13) 6/07/96	

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
PR: BD.1044; R23144; \$17,867 (Complete)(T/A 11)

**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:

**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.)

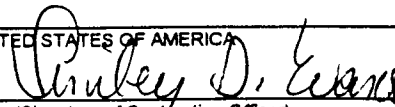
The purpose of this modification is to obligate an additional \$17,867 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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)	
		SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED 7-7-99
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

allotted by the Government to this contract is \$1,575,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

.....

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 20</u>	<u>Mod. No. 21</u>	<u>Amount Through Mod. No. 21</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 20</u>	<u>Mod. No. 21</u>	<u>Amount Through Mod. No 21</u>
<b>Estimated Cost</b>	\$ 1,557,744	\$17,867	\$ 1,575,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 22	3. EFFECTIVE DATE SEP 13 1999	4. REQUISITION/PURCHASE REQ. NO. OCB.1006	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: OCB.1006; R21858; \$100,000 (Complete)(T/A 12)

**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:

**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.)

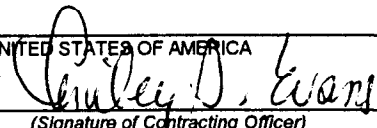
The purpose of this modification is to obligate an additional \$100,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 9-13-99
(Signature of person authorized to sign)			

**FILE**

allotted by the Government to this contract is \$,675,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 21</u>	<u>Mod. No. 22</u>	<u>Amount Through Mod. No. 22</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 21</u>	<u>Mod. No. 22</u>	<u>Amount Through Mod. No. 22</u>
<b>Estimated Cost</b>	\$ 1,575,611	\$100,000	\$ 1,675,611

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 4

2. AMENDMENT/MODIFICATION NO. 23  
3. EFFECTIVE DATE SEP 29 1999  
4. REQUISITION/PURCHASE REQ. NO. RA.1082  
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)  
The Boeing Co.  
Information, Space, and Defense Systems Group (ISDS)  
P. O. Box 3999  
Seattle, WA 98124  
(x)  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341  
10B. DATED (SEE ITEM 13) 6/07/96  
X

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: RA.1082; R23868; \$50,000 (Complete)(T/A 12)

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

(x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).  
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR Clause 52.204-2, Security Requirements (Aug 1996)

**E. IMPORTANT:** Contractor X is required to sign this document and return 3 copies to the issuing office.

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

The purpose of this modification is to add security requirements and to obligate an additional \$50,000 In incremental funding.

As a result, the following changes are hereby made to the Contract Schedule:

(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)  
Jan Fredsz Contracting SHIRLEY D. EVANS  
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED  
Signature of person authorized to sign 9/22/99 BY Shirley D. Evans 9-29-99  
Signature of Contracting Officer

I. B.3, Contract Funding, is restated as follows:

“For purposes of payment of cost in accordance with the limitation of funds clause, the total amount allotted by the Government to this contract is \$1,725,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer.”

II. G.3, Task Assignments, subparagraph A., add the following:

“6. Security Classification”

III. Section H, add the following paragraph:

“H.7 CONTRACTOR EMPLOYEE'S SECURITY CLEARANCE (LaRC 52.204-90) (OCT 1996)

By virtue of their particular work assignment, certain Contractor employees, may be required to have a security clearance granted in accordance with the National Industry Security Program Operating Manual (NISPO) dated March 14, 1996. Clearances will be issued by the Department of Defense (DOD). Within 10 working days after an employee is identified by the Government and/or the Contractor as requiring a SECRET or higher clearance, the Contractor shall submit to the Contracting Officer evidence of the submittal of a request for clearance to DOD for such employee. If the clearance for an employee has not been issued by DOD within 120 calendar days of the submittal of the request for clearance to DOD, the Contractor may be required to remove the employee from the contract.”

IV. Section I, Contract Clauses, Paragraph I.1, add the following clause incorporated by reference:

“52.204-2 Security Requirements (Aug 1996)”

V. Section J, List of Attachments, add the following exhibit:

“Exhibit D.,Contract Security Classification Specification, DD Form 254, 2 pages”

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 22</u>	<u>Mod. No. 23</u>	<u>Amount Through Mod. No. 23</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 22</u>	<u>Mod. No. 23</u>	<u>Amount Through Mod. No 23</u>
<b>Estimated Cost</b>	\$ 1,675,611	\$50,000	\$ 1,725,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2	
2. AMENDMENT/MODIFICATION NO. 24	3. EFFECTIVE DATE <b>DEC 06 1999</b>	4. REQUISITION/PURCHASE REQ. NO. RDA.1023	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: RDA.1023; R24513; \$100,000 (Complete)(T/A 10)

**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:

**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 obligate an additional \$100,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 12-6-99
(Signature of person authorized to sign)			

**FILE COPY**



allotted by the Government to this contract is \$1,825,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 23</u>	<u>Mod. No. 24</u>	<u>Amount Through Mod. No. 24</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 23</u>	<u>Mod. No. 24</u>	<u>Amount Through Mod. No. 24</u>
<b>Estimated Cost</b>	\$ 1,725,611	\$100,000	\$ 1,825,611

QCB52-01

NASA ACQUISITION MANAGEMENT SYSTEM  
QUERY CONTRACT MODIFICATION

DATE: 1999/12/10  
TIME: 12:59

CONTRACT NUM: NAS 1 20341 \*MOD PREFIX\* A MOD NUM: 25 VALIDATED: Y \*VALID\*  
PR NUM: RCB 1026 CLOSEOUT PR: Y MORE PR'S: NUM LINKED: 1  
\*PIN\* 23 \*AIN\* 23 \*AWARD DATE\* 19991210 COMPL DATE: 20010606  
PPC: \*KIND OF ACTION\* 11  
CENTER KIND OF ACTION: EXT COMPETITION:  
\*MOD DESCRIPTION\* INCREMENTAL FUNDING OF \$24K TO SUPPORT TASK 8

CICA APPLICABILITY: SPECIAL HANDLING: PROCUR SYNOP:  
CONTRACT TYPE: NUM OFFERORS SOLICITED:  
NUM OFFERS RECV: SOLICITATION PROCEDURES:  
AUTHORITY OTHER THAN OPEN: CONTRACT ADMIN DELEGATED:  
COST ACCT STAND CLAUSE: SUBCONTRACT PROGRAM PLAN:  
COST PERF REPT/NF533: PROPERTY FINANCIAL REPORTING:  
MOD ADMINISTRATOR: 116 CONTRACTING OFFICER: 055 NEGOTIATOR: 116  
EVANS SHIRLEY D. YEAGER MARY J. EVANS SHIRLEY D.  
MOD CANCELLATION DATE:  
REC ADDED: 19991210 LAST ACT: 19991210 REPORTED: N REC REPORTED DATE:

OPTION: M=MENU H=HELP E=END 8=QUERY COSTS

*Shirley D. Evans*  
*Contracting Officer*  
*12-10-99*

COST TRACKING QUERY COMPLETE.

QCB38-01

NASA ACQUISITION MANAGEMENT SYSTEM

DATE: 1999/12/10

QUERY CONTRACT MODIFICATION PRICE/COST DATA TIME: 13:00

CONTRACT NUM: NAS 1 20341 MOD-PREFIX: A MOD NUM: 25 VALIDATED: Y \*VALID\*

TOT CONT VAL INCL OPTIONS: 10,115,000

AVAILABLE OPTIONS:

CURRENT MOD CUMULATIVE CONTRACT

PRICE/EST COST: 10,115,000

BASE/FIXED FEE:

INCENTIVE FEE:

AWARD FEE:

TOTAL FEE:

=====

TOTAL VALUE: 10,115,000

COST OBLIG: 24,000 1,849,611 EST COST CHG ORDER

FEE OBLIG:

TOTAL OBLIG: 24,000 1,849,611

FUNDED THRU: 20000430 20000430

NON RPM FUNDING: FINANCIAL OBLIGATION: 150,000

RPM FUNDING: FINANCIAL CUMUL OBLIGATION: 1,825,611

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OPTION: M M=MENU H=HELP E=END

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 26	3. EFFECTIVE DATE <b>DEC 20 1999</b>	4. REQUISITION/PURCHASE REQ. NO. RA.1139	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: RA.1139; R20999; \$20,000 (Complete)(T/A 13)

**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:

**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 obligate an additional \$20,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 12-20-99
(Signature of person authorized to sign)			

**FILE COPY**

allotted by the Government to this contract is \$1,869,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 25</u>	<u>Mod. No. 26</u>	<u>Amount Through Mod. No. 26</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 25</u>	<u>Mod. No. 26</u>	<u>Amount Through Mod. No. 26</u>
<b>Estimated Cost</b>	\$ 1,849,611	\$20,000	\$ 1,869,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES		
			1	2	
2. AMENDMENT/MODIFICATION NO. 27	3. EFFECTIVE DATE <b>JAN 10 2000</b>	4. REQUISITION/PURCHASE REQ. NO. RCD.1050	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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)  
PR: RCD.1050; R26123; \$700,000 (Complete)(T/A 14)

**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:

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

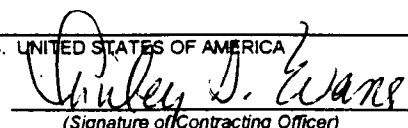
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to obligate an additional \$700,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 1-10-00
(Signature of person authorized to sign)			

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

**FILE COPY**

allotted by the Government to this contract is \$2,569,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 26</u>	<u>Mod. No. 27</u>	<u>Amount Through Mod. No. 27</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 26</u>	<u>Mod. No. 27</u>	<u>Amount Through Mod. No. 27</u>
<b>Estimated Cost</b>	\$ 1,869,611	\$700,000	\$ 2,569,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGE(S) 1 2
2. AMENDMENT/MODIFICATION NO. 28	3. EFFECTIVE DATE <b>JAN 31 2000</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 23681-2199		7. ADMINISTERED BY (If other than Item 6)	

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP: Code) The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(✓)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/7/96
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 one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

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

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

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.227-14 Rights in Data - General (Jun 1987) - as modified by NASA FAR Supplement 1852.227-14
	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 bilateral modification is to modify the contract to include Alternates I and II of the Rights in Data - General clause FAR 52.227-14 to cover the delivery of limited rights data.

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

Section I, Contract Clauses, I.1, Listing of Clauses Incorporated by Reference, insert the following clauses:

(continued)

**EXECUTED BY BOTH PARTIES**

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>Jeannette Contract Manager</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) SHIRLEY D. EVANS
15B. CONTRACTOR/OFFEROR <i>(Signature)</i>	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)
15C. DATE SIGNED <i>1/21/00</i>	16C. DATE SIGNED <i>1-31-00</i>

**FILE COPY**



I. "52.227.14 Rights in Data – General (Jun 1987) – as modified by NASA FAR Supplement 1852.227-14 , Alternate I (Jun 1987)

II. 52.227-14 Rights in Data – General (Jun 1987) – as modified by NASA FAR Supplement 1852.227-14 , Alternate II (Jun 1987), subparagraph (g)(2), insert 'NAS1-20341' after Contract No; Insert 'N/A' after subcontract; and insert 'NONE' in the last sentence of the Limited Rights Notice"

III. The above clauses and any other clauses incorporated by reference may be accessed electronically at the following websites:

<http://www.arnet.gov/far/>

<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 29	3. EFFECTIVE DATE <b>JAN 31 2000</b>	4. REQUISITION/PURCHASE REQ. NO. RDG.1020	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NAS1-20341</b>
		10B. DATED (SEE ITEM 13) <b>6/07/96</b>
CODE	FACILITY CODE	

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: RDG.1020; R26162; \$15,000 (Complete)(T/A 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:

**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.)

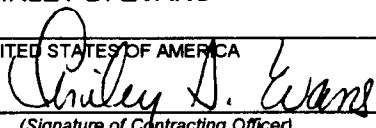
The purpose of this modification is to obligate an additional \$15,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 1-31-00

**FILE COPY**

allotted by the Government to this contract is \$2,584,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 28</u>	<u>Mod. No. 29</u>	<u>Amount Through Mod. No. 29</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 28</u>	<u>Mod. No. 29</u>	<u>Amount Through Mod. No. 29</u>
<b>Estimated Cost</b>	\$ 2,569,611	\$15,000	\$ 2,584,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 30	3. EFFECTIVE DATE FEB 17 2005	4. REQUISITION/PURCHASE REQ. NO. RCD.1059	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124		(x)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
			10B. DATED (SEE ITEM 13) 6/07/96
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: RCD.1059; R26123; \$948,000 (Complete)(T/A 14)

**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:

**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.)

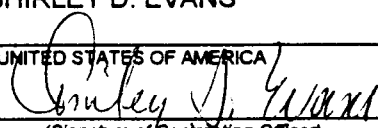
The purpose of this modification is to obligate an additional \$948,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

**"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)**

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 2-17-00
(Signature of person authorized to sign)			

**FILE COPY**

allotted by the Government to this contract is \$3,532,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 29</u>	<u>Mod. No. 30</u>	<u>Amount Through Mod. No. 30</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 29</u>	<u>Mod. No. 30</u>	<u>Amount Through Mod. No. 30</u>
<b>Estimated Cost</b>	\$ 2,584,611	\$948,000	\$ 3,532,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 31	3. EFFECTIVE DATE FEB 22 2000	4. REQUISITION/PURCHASE REQ. NO. OCB.1025	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
			10B. DATED (SEE ITEM 13) 6/07/96

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

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

- (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
- (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: OCB.1025; R24585; \$150,000 (Complete)(T/A 15)

**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:

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

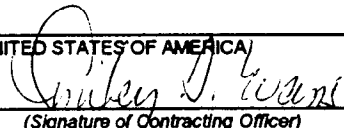
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to obligate an additional \$150,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED FEB 22 2000
(Signature of person authorized to sign)			

**FILE COPY**

allotted by the Government to this contract is \$3,682,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

.....

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 30</u>	<u>Mod. No. 31</u>	<u>Amount Through Mod. No. 31</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 30</u>	<u>Mod. No. 31</u>	<u>Amount Through Mod. No. 31</u>
<b>Estimated Cost</b>	\$ 3,532,611	\$150,000	\$ 3,682,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 32	3. EFFECTIVE DATE FEB 28 2000	4. REQUISITION/PURCHASE REQ. NO. RCA.1053	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) The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124		(x)	9A. AMENDMENT OF SOLICITATION NO.
CODE			9B. DATED (SEE ITEM 11)
FACILITY CODE		X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
			10B. DATED (SEE ITEM 13) 6/07/96

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: RCA.1053; R26266; \$315,000 (T/A 16) (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:

**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.)

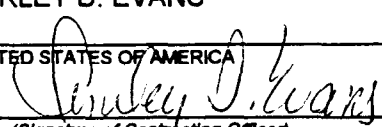
The purpose of this modification is to obligate an additional \$315,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

\*B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY 	16C. DATE SIGNED 2-28-00
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

**FILE COPY**



allotted by the Government to this contract is \$3,997,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*  
**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 31</u>	<u>Mod. No. 32</u>	<u>Amount Through Mod. No. 32</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 31</u>	<u>Mod. No. 32</u>	<u>Amount Through Mod. No. 32</u>
<b>Estimated Cost</b>	\$ 3,682,611	\$315,000	\$ 3,997,611

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE	PAGE OF PAGES	
	1	2
2. AMENDMENT/MODIFICATION NO.	5. PROJECT NO. (If applicable)	
33	OH.1002	
6. ISSUED BY	7. ADMINISTERED BY (If other than Item 6)	CODE

3. EFFECTIVE DATE  
**MAR 10 2000**

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)

The Boeing Co.  
Information, Space, and Defense Systems Group (ISDS)  
P. O. Box 3999  
Seattle, WA 98124

(x)	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
	10B. DATED (SEE ITEM 13) 6/07/96

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: OH.1002; R26167; \$200,000 (Complete)(T/A 17)

**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:

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

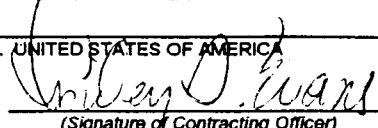
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to obligate an additional \$200,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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)	
		SHIRLEY D. EVANS	
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>MAR 10 2000</b>

**FILE COPY**

allotted by the Government to this contract is \$4,197,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

.....

**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 32</u>	<u>Mod. No. 33</u>	<u>Amount Through Mod. No. 33</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 32</u>	<u>Mod. No. 33</u>	<u>Amount Through Mod. No. 33</u>
<b>Estimated Cost</b>	\$ 3,997,611	\$200,000	\$ 4,197,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 34	3. EFFECTIVE DATE <b>MAR 24 2000</b>	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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:

**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 obligate an additional \$680,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:  
  
\*B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED <b>MAR 24 2000</b>

**FILE COPY**

allotted by the Government to this contract is \$4,877,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

\*\*\*\*\*

ACCOUNTING AND APPROPRIATION DATA

PR: RDG.1028; R24612; \$ 50,000 (T/A 2)  
 PR: OH. 1005; R26167; \$ 50,000 (T/A 18)  
 PR: OH. 1006; R24557; \$ 80,000 (T/A 19)  
 PR: OH. 1003; R26164; \$500,000 (T/A 19)

TOTAL \$680,000

\*\*\*\*\*

CONTRACT SUMMARY

	<u>Amount Through Mod. No. 33</u>	<u>Mod. No. 34</u>	<u>Amount Through Mod. No. 34</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

FUNDING SUMMARY

	<u>Amount Through Mod. No. 33</u>	<u>Mod. No. 34</u>	<u>Amount Through Mod. No. 34</u>
<b>Estimated Cost</b>	\$ 4,197,611	\$680,000	\$ 4,877,611

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. **35**  
3. EFFECTIVE DATE  
4. REQUISITION/PURCHASE REQ. NO. **RA.1256; RA.1257**  
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)  
The Boeing Co.  
Information, Space, and Defense Systems Group (ISDS)  
P. O. Box 3999  
Seattle, WA 98124

9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. **NAS1-20341**  
10B. DATED (SEE ITEM 13) **6/07/96**

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: RA.1256; R26302; \$140,000; RA.1257; R26303; \$160,000 (Complete)(T/A 15)

**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:

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 obligate an additional \$300,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

\*B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(CONTINUED ON ATTACHED PAGE)

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
15D. (Signature of person authorized to sign)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  
SHIRLEY D. EVANS  
16B. UNITED STATES OF AMERICA  
BY *Shirley D. Evans*  
(Signature of Contracting Officer)  
16C. DATE SIGNED  
4-26-00

**FILE COPY**

allotted by the Government to this contract is \$5,177,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 34</u>	<u>Mod. No. 35</u>	<u>Amount Through Mod. No. 35</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 34</u>	<u>Mod. No. 35</u>	<u>Amount Through Mod. No. 35</u>
<b>Estimated Cost</b>	\$ 4,877,611	\$300,000	\$ 5,177,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 36	3. EFFECTIVE DATE MAY - 1 2000	4. REQUISITION/PURCHASE REQ. NO. RCD.1076	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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: RCD.1076; R26166; \$100,000 (Complete)(T/A 20)

**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:

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

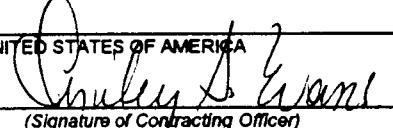
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to obligate an additional \$100,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 5-1-00
(Signature of person authorized to sign)			

**FILE COPY**



allotted by the Government to this contract is \$5,277,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 35</u>	<u>Mod. No. 36</u>	<u>Amount Through Mod. No. 36</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 35</u>	<u>Mod. No. 36</u>	<u>Amount Through Mod. No. 36</u>
<b>Estimated Cost</b>	\$ 5,177,611	\$100,000	\$ 5,277,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 37	3. EFFECTIVE DATE <b>MAY 22 2000</b>	4. REQUISITION/PURCHASE REQ. NO. OH.1017	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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)  
PR: OH.1017; R24550; \$25,000 (Complete)(T/A 20)

**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:

**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 obligate an additional \$25,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5-22-00
(Signature of person authorized to sign)			

**FILE COPY**

allotted by the Government to this contract is \$5,302,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 36</u>	<u>Mod. No. 37</u>	<u>Amount Through Mod. No. 37</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 36</u>	<u>Mod. No. 37</u>	<u>Amount Through Mod. No. 37</u>
<b>Estimated Cost</b>	\$ 5,277,611	\$25,000	\$ 5,302,611

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 38	3. EFFECTIVE DATE <b>MAY 26 2000</b>	4. REQUISITION/PURCHASE REQ. NO. RDA.1023; RDA.1049	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)  The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341
		10B. DATED (SEE ITEM 13) 6/07/96
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)  
PR: RDA.1023; R24513; \$140,000 (Complete)(T/A 10) ; PR: RDA.1049; R24492; \$50,000; R24510; \$45,000 (Complete) (T/A 21)

**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:

**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 obligate an additional \$235,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:

"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)

For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Shirley D. Evans</i> (Signature of Contracting Officer)	16C. DATE SIGNED 5-26-00
(Signature of person authorized to sign)			

**FILE COPY**

allotted by the Government to this contract is \$5,537,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 37</u>	<u>Mod. No. 38</u>	<u>Amount Through Mod. No. 38</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 37</u>	<u>Mod. No. 38</u>	<u>Amount Through Mod. No. 38</u>
<b>Estimated Cost</b>	\$ 5,302,611	\$235,000	\$ 5,537,611

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO. 39  
3. EFFECTIVE DATE JUN 26 2000  
4. REQUISITION/PURCHASE REQ. NO. OG.1047  
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)  
The Boeing Co.  
Information, Space, and Defense Systems Group (ISDS)  
P. O. Box 3999  
Seattle, WA 98124  
9A. AMENDMENT OF SOLICITATION NO.  
9B. DATED (SEE ITEM 11)  
10A. MODIFICATION OF CONTRACT/ORDER NO. NAS1-20341  
10B. DATED (SEE ITEM 13) 6/07/96

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)  
PR: OG.1047; R24806; \$250,000 (Complete) (T/A 11)

**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:

**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 obligate an additional \$250,000 in incremental funding. As a result thereof, B.3, Contract Funding, is restated as follows:  
"B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990)  
For purposes of payment of cost in accordance with the limitation of funds clause, the total amount

(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) SHIRLEY D. EVANS  
15B. CONTRACTOR/OFFEROR  
15C. DATE SIGNED  
16B. UNITED STATES OF AMERICA  
BY Shirley D. Evans (Signature of Contracting Officer)  
16C. DATE SIGNED 6-26-00  
(Signature of person authorized to sign)

FILE COPY

allotted by the Government to this contract is \$5,787,611. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task assignments authorized by the Contracting Officer."

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**CONTRACT SUMMARY**

	<u>Amount Through Mod. No. 38</u>	<u>Mod. No. 39</u>	<u>Amount Through Mod. No. 39</u>
<b>Estimated Cost</b>	\$10,115,000	\$0	\$10,115,000

**FUNDING SUMMARY**

	<u>Amount Through Mod. No. 38</u>	<u>Mod. No. 39</u>	<u>Amount Through Mod. No. 39</u>
<b>Estimated Cost</b>	\$ 5,537,611	\$250,000	\$ 5,787,611