| | | OMB A | opproval #: 2706-0042 | | | | |
|---|---|---|--|--------------------------------|--|--|--|
| AMENDMENT OF SOLICITATION/ | MODIFICATION OF CO | ONTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 | | | |
| 2. AMENDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQUISIT | ON/PURCHASE REQ. NO. DII.1108 | 5. PROJECT NO. (If applicable) | | | |
| 6. ISSUED BY CODE | -904 (3 1995 | 7. ADMINISTE | RED BY (If other than Item 6) | CODE | | | |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | Administration | | | <u> </u> | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No. | street, county, State, and Zip Coo | /e) (x) | 9A. AMENDMENT OF SOLICI | FATION NO. | | | |
| Boeing Defense and Space Grou Research and Technology P. O. Box 3999 | p | | 9B. DATED (SEE ITEM 11) | | | | |
| Seattle, WA 98124 | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | | | | |
| | | X | NAS1-20341 | | | | |
| | | | 10B. DATED (SEE ITEM 13) | | | | |
| | LITY CODE | 1 | 6/07/96 | | | | |
| | M ONLY APPLIES TO A | | | <u>48</u> | | | |
| The above numbered solicitation is amended Offers must acknowledge receipt of this amendment | prior to the hour and date specifie | ed in the solicitation | on or as amended, by one of the f | • | | | |
| (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a real THE PLACE DESIGNATED FOR THE RECEIPT wirtue of this amendment you desire to change an off reference to the solicitation and this amendment, and | eference to the solicitation and am OF OFFERS PRIOR TO THE HO or already submitted, such change d is received prior to the opening h | endment number OUR AND DATE : o may be made b | 's. FAILURE OF YOUR ACKNOW SPECIFIED MAY RESULT IN RE. V telegram or letter, provided each | WLEDGEMENT TO BE RECEIVED | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (PR: DII.1108; R19565; \$50,000; | | mniete) (Tac | ek 2) | | | | |
| | PLIES ONLY TO MOD | | | DEBS | | | |
| | THE CONTRACT/ORD | | | | | | |
| (X) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. | | | | | | | |
| X B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT | ORDER IS MODIFIED TO REFLE EM 14, PURSUANT TO THE AUT | CT THE ADMINI | STRATIVE CHANGES (such as a 43.103(b). | changes in paying office, | | | |
| C. THIS SUPPLEMENTAL AGREEMENT | IS ENTERED INTO PURSUANT | TO AUTHORITY | OF: | | | | |
| | | | | | | | |
| E. IMPORTANT: Contractor Xis not, is required. DESCRIPTION OF AMENDMENT/MODIFICATION. | | | opies to the issuing office. | ar whom (agaible) | | | |
| The purpose of this modification B.3, Contract Funding, is restated | s to obligate an addition | | | | | | |
| "B.3 CONTRACT FUNDING (N | IASA 18-52.232-81)(JU | N 1990) | | | | | |
| For purposes of payment | of cost in accordance w | rith the limita | ation of funds clause, th | ne total amount | | | |
| | (CONTINUED ON A | TTACHED F | PAGE) | | | | |
| Except as provided herein, all terms and conditions of 15A. NAME AND TITLE OF SIGNER (Type or print) | a ure document referenced in Rem | | eretofore changed, remains uncha D TITLE OF CONTRACTING OF | | | | |
| | | | Y D. BRIGLIA | r. Ne - ar Ermin | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED S | TATES OF AMERICA | 16C. DATE SIGNED | | | |
| (Signature of person authorized to sign) | | BY UMW | reture of Contracting Officer) | 6-13-96 | | | |
| NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE | 30-1 | | | RD FORM 30 (Rev. 10-83) | | | |

Prescribed by GSA FAR (48 CFR) 53.243

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.

CONTRACT SUMMARY

\$262,000

| | Basic Contract | Mod. No. 1 | Amount Through Mod. No. 1 |
|----------------|----------------|--------------|---------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |
| | FUNC | DING SUMMARY | |
| | Basic Contract | Mod. No.1 | Amount Through Mod. No. 1 |

60,000

Estimated Cost

Page 2 of 2 NAS1-20341 Modification No. 1

\$ 322,000

| | | | | 0 | MB A | pprovat n: 2700-0042 | | | |
|--|----------------|------------------|-----------------|--|---------|--|-----------|---|-----------------|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 1. CONTRACT ID CODE PAGE OF PAGES 1 2 | | | | | | | | | |
| 2. AMENDMENT/MODIFICATION NO. | | FFECTIVE D | | | | DN/PURCHASE REQ. NO. DSJ.1135 | 5. PROJ | ECT NO. (| (If applicable) |
| | ODE | | ,,,,,, | 7. ADMINISTERED BY (If other than Item 6) CODE | | | | | |
| National Aeronautics and Sp Langley Research Center Hampton, VA 23681-0001 | pace Adn | ninistratio | n | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTO | R (No., stree | et, county, Stat | te, and Zip Coo | te) | (x) | 9A. AMENDMENT OF SOLICI | TATION NO | 5. | |
| Boeing Defense and Space Group Research and Technology P. O. Box 3999 Seattle, WA 98124 | | | | | X | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF COM NAS1-20341 | NTRACT/O | RDER NO | |
| | | | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | FACILITY | | | | | 6/07/96 | | | |
| 11. THIS | ITEM C | NLY APP | LIES TO A | AMEND | MEN | ITS OF SOLICITATION | <u>NS</u> | | |
| 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 RECI AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) 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 OF 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: | | | | | | | | submitted; or BE RECEIVED OFFER. If by nakes | |
| E. IMPORTANT: Contractor Xis not re | | | | | | es to the issuing office. | ***** | familia l | |
| 14. DESCRIPTION OF AMENDMENT/MODI The purpose of this modifica B.3, Contract Funding, is re | ation is to | obligate | | | | | | | thereof, |
| "B.3 CONTRACT FUND! | • | | | | - | ation of funds clause, t | the total | amoun | nt |
| , or purposed or pay | | | UED ON A | | | | | J | · - |
| Except as provided herein, all terms and con | ditions of the | | | n 9A or 10/ | A, as h | eretofore changed, remains unch | | | |
| 15A. NAME AND TITLE OF SIGNER (Type | or print) | | | i | | ID TITLE OF CONTRACTING O EY D. BRIGLIA | FFICER (T | ype or prin | 10 |
| 15B. CONTRACTOR/OFFEROR | | 15C, DATE | SIGNED | 16B. UN BY | la | STATES OF AMERICA) | ia | 16C. DAT | E SIGNED |
| (Signature of person authorized to si | an) | 1 | | | (Sic | nature of Contracting Officer) | | | ' '/— |

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

30-105

allotted by the Government to this contract is \$432,000. This allotment is for trie 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

Mod. No. 1 Mod. No. 2

Amount Through

Mod. No. 2

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 1

Mod. No.2

Amount Through

Mod. No. 2

Estimated Cost

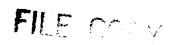
\$322,000

\$110,000

\$432,000

| OMB Approval #: 2700 42 | | | | | | | | |
|--|--|---|-----------------------|-------------------------------|--|--------|----------------|--|
| AMEI | NDMENT OF SOLICITATION/ | MODIFICATION OF CO | TNC | RACT | 1. CONTRACT ID CODE | | PAGE 1 | OF PAGES 2 |
| 2. AME | NDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. | REQUISITION | ON/PURCHASE REQ. NO. | 5. PF | ROJECT NO | D. (If applicable) |
| La | ational Aeronautics and Space and Sp | Administration | 7. | ADMINISTE | RED BY (If other than Item 6) | cc | DDE | |
| 8. NAM | E AND ADDRESS OF CONTRACTOR (No., | street, county, State, and Zip Coo | de) | (x) | 9A. AMENDMENT OF SOLICI | TATIOI | N NO. | |
| Re P. | peing Defense and Space Grou esearch and Technology O. Box 3999 eattle, WA 98124 | p | | x | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CON NAS1-20341 | ITRAC | T/ORDER N | 1 0. |
| | | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | LITY CODE | | | 6/07/96 | | | |
| | 11. THIS ITE | M ONLY APPLIES TO | AME | NDMEN | ITS OF SOLICITATIO | NS_ | | |
| (a) 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 submit (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RE AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFE virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference 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. (X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF: | | | | | | | | O BE RECEIVED UR OFFER. If by r makes TRACT ORDER |
| | PORTANT: Contractor Xis not, is requir | | | | opies to the issuing office. | 4 | | |
| TI B. | scription of AMENDMENT/MODIFICATION of Purpose of this modification 3, Contract Funding, is restated 3.3 CONTRACT FUNDING (I For purposes of payment | is to obligate an additio d as follo <u>ws:</u> NASA 18-52.232-81)(JL | nal : JN 1 vith | \$50,000 990) the limit | in incremental funding | . As | a result | thereof, |
| Except | as provided herein, all terms and conditions | | | | | anged | and in full fo | orce and effect. |
| | AME AND TITLE OF SIGNER (Type or print) | | | . NAME AN | D TITLE OF CONTRACTING O | | | |
| 15B. C | ONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B BY | Vin | iley J. We | ns | | ATE SIGNED (|
| NON TO | (Signature of person authorized to sign) | | 105 | (Sig | nature of Contracting Officer) | DE = | | 10.22 |
| NON /S | 40-01-152-8070 | 30- | 105 | | STANDA | KD FC | DRM 30 (R | ev. 10-83) |

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE



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.

CONTRACT SUMMARY

Amount Through

Mod. No. 2

Mod. No.3

Amount Through

Mod. No. 3

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 2

Mod. No.3

Amount Through

Mod. No .3

Estimated Cost

\$432,000

\$50,000

\$482,000

| OMB Approval #: 2700-0042 | | | | | | | | |
|---|--------------------------------------|--------------|--|-------------|--------------------|------------------------|--|--|
| AMENDMENT OF SOLICITATION | MODIFICATION OF CO | NTRACT | 1. CONTRACT ID COL | DE | PAGE O | F PAGES | | |
| 2. AMENDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQUISITI | ON/PURCHASE REQ. NO | D. 5. i | PROJECT NO. | (If applicable) | | |
| 6. ISSUED BY CODE | <u> 415 ^ 7 1997</u> | 7. ADMINISTS | DMH.1455 ERED BY (If other than Item | m 6) C | CODE | | | |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | Administration | | | , | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No. | , street, county, State, and Zip Cod | (x) | 9A. AMENDMENT OF | SOLICITATI | ON NO. | | | |
| Boeing Defense and Space Grou Research and Technology P. O. Box 3999 Seattle, WA 98124 | ıp | × | 9B. DATED (SEE ITEM 10A. MODIFICATION C NAS1-20341 | | ACT/ORDER NO |). | | |
| | | | 10B. DATED (SEE ITE | 244 42) | | | | |
| CODE | LITY CODE | | 6/07/96 | M 13) | | | | |
| | M ONLY APPLIES TO A | MENDME | | ATIONS | | | | |
| The above numbered solicitation is amended | | | | is extende | ed. is no | ot extended | | |
| Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) 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 RECEIVE AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. It wittue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference 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 ORDE 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 Yie not in requi | red to sign this desumest and re | turn . | onice to the incidence | | | | | |
| E. IMPORTANT: Contractor Xis 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 | | | | | | | | |
| Except as provided herein, all terms and conditions | (CONTINUED ON A | | | ns unchange | ed and in full for | ce and effect | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print | | 16A. NAME AN | ND TITLE OF CONTRACT EY D. EVANS | | | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA |) WANS | | TE SIGNED | | |
| (Signature of person authorized to sign) | | (Sig | nature of Contracting Office | icer) | | | | |
| NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE | 30-1 | 105 | | ANDARD F | ORM 30 (Rev | /. 10 - 83) | | |

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.

CONTRACT SUMMARY

Amount Through Mod. No. 3

Mod. No.4

Amount Through Mod. No. 4

Estimated Cost

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through Mod. No. 3

\$482,000

Mod. No. 4

Amount Through Mod. No .4

17

\$43,000

\$525,000

| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFECTIVE DATE 5. SUBJECT OF BASE 1. A. REQUISITION/PURCHASE REQ. NO. N/A 6. ISSUED BY CODE 7. ADMINISTERED BY (if other than item 6) CODE National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Research and Technology P. O. Box 3999 Seattle, WA 98124 CODE FACILITY CODE 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 110. MODIFICATIONS 11. 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. Color must acknowledge receipt of this amendment prior to the hour and date specified for receipt of Offers is extended, is not extended. (a) 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. FALURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AND THE RECEIPT OF OFFERS PRIOR TO THE RECEIPT OF OFFERS PRIOR TO THE AUDIT 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 (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | 2. AMENDMENT/MODIFICATION NO. 5 6. ISSUED BY CODE National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No. Boeing Defense and Space Grown Research and Technology P. O. Box 3999 Seattle, WA 98124 CODE The above numbered solicitation is amended Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a | | | | | |
|--|--|--|--|--|--|--|
| 6. ISSUED BY CODE 7. ADMINISTERED BY (If other than Rem 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 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 11. The above numbered solicitation is amended as set forth in Rem 14. The hour and date specified for receipt of Offers is is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified for receipt of Offers is is extended. or one of the following methods: (a) 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 RECEIVE ATTHE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS RIGHT OT THE HOUR AND DATE SPECIPLE MAY RESULT IN REJECTION OF YOUR OFFERS. It virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and miss 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 GODER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES (such as changes in paying office, | 5 6. ISSUED BY CODE National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (Not Boeing Defense and Space Grout Research and Technology P. O. Box 3999 Seattle, WA 98124 CODE FACT 11. THIS ITE The above numbered solicitation is amended Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a | | | | | |
| 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 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers In the solicitation are created of this amendment prior to the hour and date specified for receipt of Offers is extended, is not extended. (a) 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 RECEIVE AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER PRIOR TO THE HOUR 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 C | National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No Boeing Defense and Space Groun Research and Technology P. O. Box 3999 Seattle, WA 98124 CODE FAC 11. THIS ITE The above numbered solicitation is amended Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning (b) By separate letter or telegram which includes a | | | | | |
| 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 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 13. 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. (a) 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 RECEIVE AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MY RESULT IN REJECTION OF YOUR OFFERS. It virtue of this amendment up desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference 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 SUSED PURSUANT TO: (Specify authority) THE CHANGES (such as changes in paying office, | Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No Boeing Defense and Space Ground Research and Technology P. O. Box 3999 Seattle, WA 98124 CODE FACTOR (No 11. THIS ITE The above numbered solicitation is amended Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a | | | | | |
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| | (X) A. THIS CHANGE ORDER IS ISSUED P | | | | | |
| appropriation date, etc./ Set Forth list tem 14, Fortsowist to the Authoriti of Far 43.103(b). | | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | C. THIS SUPPLEMENTAL AGREEMEN | | | | | |
| | | | | | | |
| E. IMPORTANT: Contractor Xis 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.) | E. IMPORTANT: Contractor Xis not, is requ | | | | | |
| This modification is issued to reflect the Contractor's change of name. The Contractor's name and address shall read as follows: | This modification is issued to re | | | | | |
| The Boeing Company Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 Seattle, WA 98124 | Information, Space, and Defension. P. O. Box 3999 | | | | | |
| Except 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 | 15A. NAME AND TITLE OF SIGNER (Type or pri | | | | | |
| 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA) 16C. DATE SIGNED BY WAND 10-6-9 | $((\mathcal{Y}, \mathcal{Y}), \mathcal{Y})$ | | | | | |
| (Signature of person authorized to sign) (Signature of Contracting Officer) | 15B. CONTRACTOR/OFFEROR | | | | | |
| NSN 7540-01-152-8070 30-105 STANDARD FORM 30 (Rev. 10-83) PREVIOUS EDITION UNUSABLE Prescribed by GSA FAR (48 CFR) 53.243 | | | | | | |

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| OMB Approval #: 270- J042 | | | | | | | | | |
|--|---|--|---|--|---|--------------------------------|-------------|------------|-----------------|
| | IDMENT OF SOLICITA | | | NTRACT | 1. CONTRACT ID | CODE | PA 1 | GE OF | PAGES 2 |
| 2. AME | NDMENT/MODIFICATION NO. | 3. | SEFFECTIVE DATE | 4. REQUISI | TION/PURCHASE RE | 2. NO. | 5. PROJEC | T NO. (| (If applicable) |
| La | ed BY Itional Aeronautics and Ingley Research Center Impton, VA 23681-000 | · | ministration | 7. ADMINIS | TERED BY (If other the | an Item 6) | CODE | | |
| 8. NAM | E AND ADDRESS OF CONTRAC | TOR (No., stre | eet, county, State, and Zip Coo |) (x) | 9A. AMENDMENT | OF SOLICIT | ATION NO. | | |
| Inf P. | ne Boeing Company Formation, Space & Def O. Box 3999 | ense Syste | ems Group (ISDS) | | 9B. DATED (SEE | <u> </u> | | | |
| Seattle, WA 98124 | | | | | NAS1-20 | | IRACI/ORD | ER NO | |
| | | | | | 10B. DATED (SE | E ITEM 13) | | | |
| CODE | 44 71 | FACILITY | | A A 4 E A 1 D A 4 E | 6/07/96 | CITATION | 10 | | |
| | 11. It he above numbered solicitation is | | ONLY APPLIES TO | | | | tended. | 1 | ot extended. |
| (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 virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference 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: | | | | | | | | RACT ORDER | |
| E IME | PORTANT: Contractor Xis not | is required | to eign this document and t | eturn | copies to the issuir | og office | | | |
| 14. DE: Th Pa | SCRIPTION OF AMENDMENTAME THE PURPOSE OF this modit ARRIVATION TO PROVIDE CCORDINGLY, the CONTRACT | DDIFICATION ication is for direct is hereby | (Organized by UCF section had replace paragraph submission of vouch modified as follows: (CONTINUED ON | eadings, including G.2, Paymers for paymer | ing solicitation/contract nents and Invoid yment. ED PAGE) | t subject matte ces, and re | evise Ext | hibit / | |
| | as provided herein, all terms and a | | ne document referenced in Iter | | heretofore changed, AND TITLE OF CONT | | | | |
| ISA. N | AWIE AND TITLE OF SIGNER (1) | ра от рппц | | | LEY D. EVANS | INC HING OF | TIOLK (Type | ; or prii | iy |
| 15B. C | ONTRACTOR/OFFEROR | o sign! | 15C. DATE SIGNED | 16B. UNITE | hiley & | · rus | 1 | | TE SIGNED . |
| NSN 75 | (Signature of person authorized t 40-01-152-8070 | sign) | 30- | 105 | Signature of Contracting | | RD FORM 3 | 0 (Rev | v. 10-83) |
| | | | | | | 41 400 5-41 | | - 1 | ·· · |

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

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- Paragraph G.2, Payments and Invoices, is hereby deleted and replaced with the following:
- "G.2 Submission of Vouchers for Payment

I.

- (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 adminstration 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."

CONTRACT SUMMARY

| | Amount Through Mod. No. 5 | Mod. No.6 | Amount Through Mod. No. 6 |
|----------------|---------------------------|-----------|---------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

FUNDING SUMMARY

| | Amount Through Mod. No. 5 | Mod. No. 6 | Amount Through <u>Mod. No .6</u> |
|----------------|---------------------------|------------|----------------------------------|
| Estimated Cost | \$525,000 | \$0 | \$525.000 |

| | OMB Approval #: 27しこし342 | | | | | | | | |
|---|--|---|---|--|---|--|--|--|--|
| | AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 1. CONTRACT ID CODE PAGES 1 2 | | | | | | | | |
| | DMENT/MODIFICATION NO. 7 | 3. EFFECTIVE DATE 98 | | ON/PURCHASE REQ. NO. LA.1127 | 5. PROJECT NO. (If applicable) | | | | |
| 6. ISSUE | | | 7. ADMINISTE | ERED BY (If other than Item 6) | CODE | | | | |
| Lan | ional Aeronautics and Space gley Research Center npton, VA 23681-0001 | Administration | | | | | | | |
| 8. NAME | AND ADDRESS OF CONTRACTOR (No. | , street, county, State, and Zip Cod | le) (x) | 9A. AMENDMENT OF SOL | CITATION NO. | | | | |
| Info | e Boeing Co. ormation, Space, and Defense D. Box 3999 | e Systems Group (ISDS) | | 9B. DATED (SEE ITEM 11) | | | | | |
| | attle, WA 98124 | | | 10A. MODIFICATION OF C | ONTRACT/ORDER NO. | | | | |
| | | | X | NAS1-20341 | | | | | |
| | | | | 10B. DATED (SEE ITEM 13 | ") | | | | |
| CODE | i | LITY CODE | A SENIONAE | 6/07/96 | ONIC | | | | |
| | | M ONLY APPLIES TO A | *************************************** | | | | | | |
| Offers m | e above numbered solicitation is amended ust acknowledge receipt of this amendmen | as set forth in Item 14. The hour a It prior to the hour and date specifie | and date specifie ed in the solicitati | d for receipt of Offers i on or as amended, by one of t | s extended, is not extended. he following methods: | | | | |
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| | | PPLIES ONLY TO MOD THE CONTRACT/ORDI | | | | | | | |
| | A. THIS CHANGE ORDER IS ISSUED PUNO. IN ITEM 10A. | JRSUANT TO: (Specify authority) | THE CHANGES | SET FORTH IN ITEM 14 AR | E MADE IN THE CONTRACT ORDER | | | | |
| Х | B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I | T/ORDER IS MODIFIED TO REFLE TEM 14, PURSUANT TO THE AUT | ECT THE ADMIN | IISTRATIVE CHANGES (such R 43.103(b). | as changes in paying office, | | | | |
| | C. THIS SUPPLEMENTAL AGREEMEN | T IS ENTERED INTO PURSUANT | TO AUTHORITY | ' OF: | | | | | |
| | ODTANT. Controller Visit is requi | tred to elem this decrement and r | nturn . | popies to the issuing office | | | | | |
| 14. DES The B.3 | E. IMPORTANT: Contractor Xis 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. | | • | | | Ab a datal amazint | | | | |
| | For purposes of paymen | | | | i, ilie iolai amount | | | | |
| Except a | s provided herein, all terms and conditions | (CONTINUED ON A of the document referenced in Iten | n 9A or 10A, as i | ィスタニ) neretofore changed, remains u | nchanged and in full force and effect. | | | | |
| | ME AND TITLE OF SIGNER (Type or prin | | 16A. NAME A | ND TITLE OF CONTRACTING EY D. EVANS | | | | | |
| 15B. CC | ONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICAL | 16C. DATE SIGNED 6 -16 - 98 | | | | |
| | (Signature of person authorized to sign) | | <u> </u> | nature of Contracting Officer) | | | | | |
| | 10-01-152-8070 US EDITION UNUSABLE | 30- | 105 | | DARD FORM 30 (Rev. 10-83) bed by GSA | | | | |

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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."

CONTRACT SUMMARY

Amount Through Mod. No. 6

Mod. No. 7

Amount Through Mod. No. 7

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 6

Mod. No. 7

Amount Through

Mod. No .7

Estimated Cost

\$525,000

\$300,000

\$825,000

| | | | | ONID | 1. CONTRACT ID CODE | P/ | AGE OF | PAGES |
|--|--|-------------------------------------|---|-----------------------------------|-------------------------------------|-----------------------------|------------------|-----------------|
| AMFI | IDMENT OF SOLICIT | ATION/ | MODIFICATION OF CO | NTRACT | | 1 | 10.0 | 2 |
| | NDMENT/MODIFICATION NO. | | 3. EFFECTIVE DATE 1998 | | ION/PURCHASE REQ. NO. DII.1186 | 5. PROJEC | T NO. (| (If applicable) |
| 6. ISSU | | CODE | 0011 2 0 1000 | 7. ADMINIST | ERED BY (If other than Item 6) | CODE | | |
| La | ational Aeronautics and ngley Research Cente ampton, VA 23681-00 | r | Administration | | | | | |
| 8. NAM | E AND ADDRESS OF CONTRA | CTOR (No. | , street, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLICI | TATION NO. | | |
| | . Busine Os | | | | | | | |
| ln' | ne Boeing Co. formation, Space, and O. Box 3999 | Defense | e Systems Group (ISDS) | , | 9B. DATED (SEE ITEM 11) | | | |
| | eattle, WA 98124 | | | | 10A. MODIFICATION OF COI | NTRACT/ORD | ER NO | |
| | · | | | × | NAS1-20341 | | | |
| | | 1 540 | HTV 0005 | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | | LITY CODE | MAENIDAAE | 6/07/96 | NC | | |
| | 11. (| HISTIE | M ONLY APPLIES TO A | MENDME | NIS OF SOLICITATIO | NS _ | · | |
| | | | as set forth in Item 14. The hour a It prior to the hour and date specifie | | • — | extended, following meth | • | t extended. |
| (c) By s AT THE virtue of reference | (a) By completing Items 8 and 15, and returningcopies 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. AC | 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 | | | T/ORDER IS MODIFIED TO REFLE TEM 14, PURSUANT TO THE AUT | | | changes in pa | aying of | fice, |
| | C. THIS SUPPLEMENTAL AG | REEMENT | IS ENTERED INTO PURSUANT | TO AUTHORIT | Y OF: | | | |
| | | | | | | | | |
| F IMI | PORTANT: Contractor Xis n | ot is requi | red to sign this document and re | eturn | copies to the issuing office. | | | |
| 14. DE TI B. | SCRIPTION OF AMENDMENTA ne purpose of this mod 3, Contract Funding, is | MODIFICAT ification s restate | ION (Organized by UCF section he is to obligate an addition | eadings, includii nal \$20,000 | | | | ereof, |
| | For purposes of | paymen | t of cost in accordance v | vith the limi | tation of funds clause, t | the total a | moun | t |
| 5 | | 4 d'Ai | (CONTINUED ON A | | | | £.11 £ | |
| | AME AND TITLE OF SIGNER (1 | | of the document referenced in Item t) | 16A. NAME A | ND TITLE OF CONTRACTING OF D. EVANS | | | |
| 15B. C | ONTRACTOR/OFFEROR | | 15C, DATE SIGNED | 16B. UNITED | STATES OF AMERICA | 16 | C. DAT | E SIGNED |
| | | | | BY | truley), Eva | rs , | (-1 | 8-98 |
| MCN 75 | (Signature of person authorized | to sign) | 30 | | gnature of Contracting Officer) | DD FORM 3 | # / | 10.00) |
| | 40-01-152-8070 DUS EDITION UNUSABLE | | 30- | 105 | Prescribed | FR) 53.243 | • | • |
| | | | | | | FILE | _ | |
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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."

CONTRACT SUMMARY

FUNDING SUMMARY

Estimated Cost

| OMB Approval #: 2700-0042 | | | | | | | | |
|--|----------------------------|--------------|---------------------------------|---------------------------------------|--|--|--|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 1. CONTRACT ID CODE PAGE OF PAGES 1 2 | | | | | | | | |
| 2. AMENDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQUISITI | · | 5. PROJECT NO. (If applicable) | | | | |
| 9 | AUG 21 1998 | | .1235; DSJ.1135 | CODE | | | | |
| 6. ISSUED BY COL | DE 1.000 | 7. ADMINISTE | ERED BY (If other than Item 6) | CODE | | | | |
| National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001 | ce Administration | 1 | | | | | | |
| 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 Defe P. O. Box 3999 | nse Systems Group (ISDS) |) | 9B. DATED (SEE ITEM 11) | | | | | |
| Seattle, WA 98124 | | | 10A. MODIFICATION OF CONT | TRACT/ORDER NO. | | | | |
| | | X | NAS1-20341 | | | | | |
| | | | 10B. DATED (SEE ITEM 13) | | | | | |
| CODE | ACILITY CODE | | 6/07/96 | | | | | |
| 11. THIS I | TEM ONLY APPLIES TO A | AMENDME | NTS OF SOLICITATION | IS | | | | |
| 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, Li | mitation of Funds (AFTC 19 | 04) | | | | | | |
| 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 A | 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) | | | | | | | | |
| W. N. Morton, Contracts | | 1 | EY D. EVANS | · · · · · · · · · · · · · · · · · · · | | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA | 16C. DATE SIGNED | | | | |
| TIM MINTAI | 8-20-98 | BY (| Contain 11 41 m. | 11 8-21-98 | | | | |
| (Signature of person authorized to sign | | | anature of Contracting Officer) | 140 0 0 1 1 0 | | | | |

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

Frank

30-105



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."

CONTRACT SUMMARY

Amount Through

Mod. No. 8

Mod. No. 9

Amount Through

Mod. No. 9

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 8

Mod. No. 9

Amount Through

Mod. No .9

Estimated Cost

\$845,000

(\$21,254)

\$823,746

| | | | | | | | | pproval #: 2765 5042 | | | |
|--|---|----------------|-----------|---------------|-----------|----------|------------------------------------|---|----------|---------------|-----------------|
| AMEND | MENT OF SOLICITATION | ON/MOE | DIFIC | ATION (| OF CO | NTRAG | ст | 1. CONTRACT ID CODE | | PAGE C | F PAGES |
| | MENT/MODIFICATION NO. 10 | 3. E | FFECTI | ATION 6 | 38 | | | ON/PURCHASE REQ. NO. DII.1192 | 5. PR | DJECT NO | (If applicable) |
| 6. ISSUED | | DDE | | | | 7. ADM | NISTE | RED BY (If other than Item 6) | COL | DE | |
| Lang | onal Aeronautics and Spa gley Research Center opton, VA 23681-0001 | ace Adm | ninistr | ation | | | | | | | |
| 8. NAME A | AND ADDRESS OF CONTRACTOR | ₹ (No., stree | t, county | y, State, and | d Zip Cod | 9) | (x) | 9A. AMENDMENT OF SOLIC | TATION | NO. | |
| Infor | Boeing Co. rmation, Space, and Defe D. Box 3999 | ense Sys | stems | Group (| (ISDS) | | | 9B. DATED (SEE ITEM 11) | | | |
| Seaf | ttle, WA 98124 | | | | | | | 10A. MODIFICATION OF CO | NTRACT | ORDER N | 0. |
| | , | | | | | | X | NAS1-20341 | | | |
| | | 4 | | | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | FACILITY C | | | | | | 6/07/96 | NO. | | |
| | 11. THIS | ITEM O | NLY / | APPLIE: | S TO A | MEND | MEN | NTS OF SOLICITATIO | NS_ | $\overline{}$ | |
| (c) By sepa AT THE PI virtue of this reference to 12. ACCO PR: | NO. IN ITEM 10A. | | | | | | D BE RECEIVED R OFFER. If by makes | | | | |
| | | | | | | | | | | | |
| E. IMPO | PRIANT: Contractor is X not, | is required | to sign | this docur | ment and | return | cludin | copies to the issuing office. a solicitation/contract subject ma | tter whe | re feasible.) | |
| 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 | | | | | | | | | | | |
| Except as | provided herein, all terms and cond | ditions of the | (CON | ITINUED | ON A | 9A or 10 | A, as t | neretofore changed, remains unc | | | |
| 15A. NAN | ME AND TITLE OF SIGNER <i>(Type o</i> | or print) | | | | | | ND TITLE OF CONTRACTING OF | OFFICER | (Type or pa | nt) |
| | NTRACTOR/OFFEROR | | 15C. | DATE SIGI | NED | 16B. UN | <u>U</u> | STATER OF AMERICA) WHY J. WA | ins | 16C. DA | TE SIGNED |
| | Signature of person authorized to signature of person authorized to signature | gn) | I | | 30- | 105 | (Sig | gnature of Contracting Officer) | NDD EO | RM 30 (R | av. 10-83) |

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE



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."

CONTRACT SUMMARY

Amount Through

Mod. No. 9

Mod. No. 10

Amount Through Mod. No. 10

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 9

Mod. No. 10

Amount Through Mod. No 10

Estimated Cost

\$823,746

\$23,000

\$846,746

NASA CONTRACTS

P.07

| | | OMB A | Approval #: 2700-0042 | |
|--|--|--|---|--------------------------------------|
| AMENDMENT OF BOLICITATIO | N/MODIFICATION OF CO | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES |
| 2 AMENDMENT OF SOCIOTATIO | 3 PPPETMEDATE | A REQUEST | ONPURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
| 11 | SEP 2 2 1998 | | LA.1051 | |
| E, MBUED BY COL | | 7. ADMINIST | ERED BY (If other than from 6) | CODE |
| | | 1 | | |
| National Aeronautics and Spa | ce Administration | 1 | | |
| Langley Research Center | | 1 | | |
| Hampton, VA 23551-0001 | | | | |
| | | بب —ب | DA AMENDMENT OF BOUC | TA TOU NO |
| 8. NAME AND ADDRESS OF CONTRACTOR | (No., Street, pounty, State, and Zip Doc | | MA. AMENDMENT OF BOUC | MATION NO. |
| Mt. : Masing Co. | | | | |
| The Bosing Co. Information, Space, and Dete | nes Sydems Coup (ISDS) | | DE. DATED (BEE ITEM 11) | |
| P. O. Box 3999 | iise dysteilis droup (idba) | ' | , | |
| | | | 10A. MODIFICATION OF CO | NTRACT/ORDER NO. |
| Seattle, WA 95124 | | X | NAS1-20341 | |
| | | ^ | 10001 20041 | |
| | | 1 | 108. DATED (SEE ITEM 13) | |
| copt | FACILITY CODE | | 8/07/98 | • |
| · · | TEM ONLY APPLIES TO | AMENDME | | NS |
| | | | | |
| The above numbered solicitation is amore Offers must soknowledge receipt of this amend | index are set your in nem 14. The nour i | and dino appeale and in the solicites | g for receipt of Criters is a lon or as amended, by one of the | extended, is not extended. |
| • | | | | |
| (a) By completing fiems 8 and 15, and returning (a) By separate letter or talegram which include | copies of the amendment; (b) i | By nolulawiedgin; nendweni numbe | preceipt of this amendment on e on. FAILURE OF YOUR ACKNO | eigh copy of the offer submitted; or |
| AT THE BLACK DESIGNATED FOR THE REC | eipt of offere prior to the H | OUR AND CATE | SPECIFIED MAY REQUIT IN RI | EJECTION OF YOUR OFFER. If 🌭 |
| virtue of this armendment you desire to change in reference to the solicitation and this amendment | an offer elready submitted, such ohang | e may be made l | ry (elegram or letter, provided ea | ch telegram or letter makes |
| 12. ACCOUNTING AND APPROPRIATION DA | ATA (W required) | MOST SHO DELF SP | 3-110-21 | |
| PR: LA,1051; R21861; (\$1,80 | H) (Complete)(T/A 4) | | | |
| | APPLIES ONLY TO MOD | | | |
| IT MODIFIE | ES THE CONTRACT/ORD | ER NO. AS | DESCRIBED IN ITEM | 14. |
| (X) A. THIS CHANGE ORDER IS ISSUE | D PURBUANT TO: (8 peoply authority) | THE CHANGE | BET FORTH IN ITEM 14 ARE I | WADE IN THE CONTRACT ORDER |
| NO, IN ITEM 10A. | | | | |
| B. THE ABOVE NUMBERED CONTR | ACTIONICS IS MODIFIED TO BEE | ECT THE ADMI | HETPAYON CHANGES (auch a) | e chesons is naving office |
| approprietor dete, etc.) SET FORTH | IN ITEM 14, PURSUANT TO THE AU | THORITY OF FA | A 43.108(b). | s charges in paying only, |
| X C. THIS SUPPLEMENTAL AGREEM | | | | |
| FAR CIBUSE 52.232-22, LI | | | | |
| TAN OIRES SELECT | Michell of Foliation (Control | | | |
| E. IMPORTANT: Contractor la not, X le | ne memucob etd aga of beriuper | d neturn 3 | copies to the leading office. | |
| 14. DESCRIPTION OF AMENDMENT MODIFI | CATION (Committed by UCF auction in | andinos, includin | g solicitation/bontract subject me | |
| The purpose of this modificat | | in incremen | ital funding. As a resul | it thereof, |
| B.3, Contract Funding, is rest | eted as follows: | | | |
| | - 414-54 45 55 555 544 W | 14.1.4.4.4.4. | | |
| 18.3 CONTRACT FUNDIN | g (NASA 18-52.232-81)(JL | J 1890) | | |
| | | II-battan et | lituada alauna, tha tata | 1 |
| For purposes of payment of c | Det in accordance with the | intilitation of | Intigo Ciadoo, fila fora | amount |
| | (CONTINUED ON A | TTACHED | PAGE) | |
| Except as provided herein, all terms and condi- | lions of the document referenced in itel | | | hanged and in full force and effect. |
| 18A. NAME AND TITLE OF BIGNER (Type or | printi | 1 | NO TITLE OF CONTRACTING | OFFICER (Type or print) |
| IN Al MARRITURE A MART | DACT ANDIDED | SHIRL | EY D. EVANS | |
| INTO MANAGEMENT CONTRACTOR | RACT MANAGEL | 168. UNITED | STATES/OF AMPRICA | 18C, DATE BIGNED |
| The total of the tenth of the t | MAI PULE BIGHTS | 100. 041124 | 1171 4,0 | A A A A |
| Wnyroun | 9-18-98 | BY | CHIVELY II COG | WW 4-22-98 |
| (Signature of person authorized to sign | | | pneture of Confirmating Officer) | 10010 |
| NEN 7540-01-182-8070 PREVIOUS EDITION UNUSABLE | 30- | 105 | | IRD FORM 30 (Rev. 10-83) d by GSA |
| - representations are an experience of | | | | CPR) 53.249 |

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."

CONTRACT SUMMARY

Amount Through

Mod. No. 10

Mod. No. 11

Amount Through

Mod. No. 11

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 10

Mod. No. 11

Amount Through

Mod. No 11

Estimated Cost

\$846,746

(\$1,804)

\$844,942

| | | 1 | | MB A | pproval #: 2100-9042 | | |
|---|---------------------|--|------------------------|-----------------|--|---------------------------|--------------------------|
| AMENDMENT OF SOLICI | TATION/MO | DIFICATION OF CO | ONTRA | СТ | 1. CONTRACT ID CODE | | PAGE OF PAGES 1 2 |
| 2. AMENDMENT/MODIFICATION NO. | | EFFECTIVE DATE | | | ON/PURCHASE REQ. NO. | 5. PROJ | ECT NO. (If applicable) |
| 12 | I-N | OV 12 1998 | | | GP.1036 | | |
| 6. ISSUED BY | CODE | ~ + ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | 7. ADN | INISTE | RED BY (If other than Item 6) | CODE | |
| | | N. COLO. | 1 | | | | |
| National Aeronautics an | d Space Adr | ministration | | | | | |
| Langley Research Cent | | | 1 | | | | |
| Hampton, VA 23681-0 | | | | | | | |
| • | | | | | | | |
| 8. NAME AND ADDRESS OF CONTR | ACTOR (No., stre | et, county, State, and Zip Co | de) | (x) | 9A. AMENDMENT OF SOLICI | TATION NO |). |
| | | | | | | | |
| The Boeing Co. | | | | | AD DATED (OFF. ITEM (4) | | ··· |
| Information, Space, and | l Defense Sy | rstems Group (ISDS |) | | 9B. DATED (SEE ITEM 11) | | |
| P. O. Box 3999 | | | | | 464 1400/5/047/04/05 004 | ITDAOT/O | DDED NO |
| Seattle, WA 98124 | | | | | 10A. MODIFICATION OF CON | NIRACI/O | RUER NO. |
| | | | | X | NAS1-20341 | | |
| | | | | | 400 DATED (OFF ITEM 42) | | |
| | | | | | 10B. DATED (SEE ITEM 13) | | |
| CODE | FACILITY | | | | 6/07/96 | | |
| 11. | THIS ITEM C | ONLY APPLIES TO | AMEN | MEN | NTS OF SOLICITATION | NS , | |
| The above numbered solicitation | n is amended as s | et forth in Item 14. The hour | and date s | pecifie | d for receipt of Offers is e | xtended, | is not extended. |
| Offers must acknowledge receipt of thi | s amendment pric | r to the hour and date specif | ed in the s | olicitati | on or as amended, by one of the | following m | ethods: |
| (a) By completing Items 8 and 15, and | returnina c | opies of the amendment; (b) | By acknow | ledging | receipt of this amendment on ea | ach copy of | the offer submitted; or |
| (c) By separate letter or telegram which | h includes a refere | ence to the solicitation and ar | nendment | numbe | rs. FAILURE OF YOUR ACKNO | WLEDGEN | ENT TO BE RECEIVED |
| AT THE PLACE DESIGNATED FOR T | 'HE RECEIPT OF | OFFERS PRIOR TO THE H | OUR AND le may he l | DATE: nade b | SPECIFIED MAY RESULT IN RE v telegram or letter, provided eac | :JECTION (:h telearam | or letter makes |
| reference to the solicitation and this ar | nendment, and is | received prior to the opening | hour and c | ate spe | ecified. | | |
| 12. ACCOUNTING AND APPROPRIA | • | • | | | | | |
| PR: GP.1036; R23860; | | | IIIO A T | IONI | COLCONTRACTO/OF | DEDC | |
| | | | | | S OF CONTRACTS/OF DESCRIBED IN ITEM | | |
| | | | | | SET FORTH IN ITEM 14 ARE N | | E CONTRACT ORDER |
| (X) A. THIS CHANGE ORDER I | 3 1330ED FOR3C | PANT TO: (Specify additionly) | , IIIE OID | 11020 | OLI I ORTHINI I AREN | MDE III | IL CONTINUE TORDER |
| | | | | | | | |
| X B. THE ABOVE NUMBERED | CONTRACT/OR | DER IS MODIFIED TO REFI | ECT THE | ADMIN | IISTRATIVE CHANGES (such as | changes in | paying office, |
| appropriation date, etc.) SET | FORTH IN ITEM | 14, PURSUANT TO THE AU | THORITY | OF FA | R 43.103(b). | J | , , , |
| C. THIS SUPPLEMENTAL A | GREEMENT IS E | NTERED INTO PURSUANT | TO AUTH | ORITY | OF: | | |
| | | | | | | | |
| | | | | | | | |
| E. IMPORTANT: Contractor X i | s not is required | d to sign this document an | d return | | copies to the issuing office. | | |
| 14. DESCRIPTION OF AMENDMENT | | | | | | | easible.) |
| The purpose of this mo | | | n increr | nenta | al funding. As a result | thereof, | |
| B.3, Contract Funding, | is restated a | s follows: | | | | | |
| | | | | | | | |
| "B.3 CONTRACT FU | INDING (NA | SA 18-52.232-81)(JI | JN 199 | 0) | | | |
| | | | | _ | | | |
| For purposes of payme | nt of cost in | accordance with the | limitati | on of | funds clause, the total | amoun | • |
| | | (0.01) = 0.11 | | .=- | D.4.05' | | |
| Except as provided herein, all terms a | nd conditions of th | (CONTINUED ON) | 4 AC | コピレ | PAGE) | hanned and | in full force and effect |
| 15A. NAME AND TITLE OF SIGNER | · | a accument relevances to the | | | ND TITLE OF CONTRACTING C | | |
| | (-) F = F :y | | | | EY D. EVANS | | • • |
| | | | | | · | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | 16B. UI | VITED. | STATES OF AMERICA) | | 16C. DATE SIGNED ' |
| | | | | (1) | March burn | /1 | 11-17-98 |
| (Signature of names authorize | nd to sign! | - | BY — | | mature of Contracting Officer) | u | 11-16-98 |
| (Signature of person authorize | ru (O SIGN) | | 105 | (3/6 | | DD FORM | 4.20 (Day 40.93) |

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE



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

CONTRACT SUMMARY

Amount Through

Mod. No. 11

Mod. No. 12

Amount Through

Mod. No. 12

Estimated Cost

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through

Mod. No. 11

\$844,942

Mod. No. 12

Amount Through Mod. No 12

\$15,600

\$860,542

| | | | | OMB / | Approval #: 2700-0042 | , | |
|--|--|----------------|---------------------------------|---|--|------------------------|------------------------|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | | 1. CONTRACT ID CODE | PAGE O | F PAGES |
| | NDMENT/MODIFICATION NO. 13 | 3. | DFC 8 1998 | 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (#4 | | | |
| 6. ISSL | | CODE | nco o w | 7. ADMINIST | ERED BY (If other than Item 6) | CODE | |
| La Ha | ational Aeronautics and S ngley Research Center ampton, VA 23681-0001 | | | | | | |
| 8. NAM | E AND ADDRESS OF CONTRACTO | OR (No., stre | eet, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. | |
| In | ne Boeing Co. formation, Space, and De | fense Sy | ystems Group (ISDS) | , | 9B. DATED (SEE ITEM 11) | | |
| | O. Box 3999 | | | | 10A. MODIFICATION OF CO | NTDACT/ODDED NO | |
| Se | eattle, WA 98124 | | | x | NAS1-20341 | NTRACT/ORDER NO | . |
| | | | | | 10B. DATED (SEE ITEM 13) | | |
| CODE | | FACILITY | | | 6/07/96 | | 4 |
| | 11. THI | S ITEM (| ONLY APPLIES TO | AMENDME | <u>NTS OF SOLICITATIO</u> | NS | |
| Offers r (a) By c (c) By s AT THE | 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 | | | | | | |
| | ce to the solicitation and this amendr COUNTING AND APPROPRIATION | | | ioui and date sp | ocilied. | | |
| PI | R: GP.1036; R23860; (\$1 | | | | | | |
| | | | | | S OF CONTRACTS/OF DESCRIBED IN ITEM | | |
| (x) | A. THIS CHANGE ORDER IS ISS NO. IN ITEM 10A. | UED PURSU | JANT TO: (Specify authority) | THE CHANGE | S SET FORTH IN ITEM 14 ARE N | MADE IN THE CONT | RACT ORDER |
| | B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR | | | | | s changes in paying o | Mice, |
| Х | c. THIS SUPPLEMENTAL AGREE FAR Clause 52.232-22, | | | | Y OF: | | |
| | | | | | | | |
| 14. DE Ti B | 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: | | | | | | |
| " E | 3.3 CONTRACT FUND | ING (NA | SA 18-52.232-81)(JL | JN 1990) | | | |
| F | or purposes of payment o | f cost in | | | | amount | |
| Excent | as provided herein, all terms and co | nditions of th | (CONTINUED ON A | | | hanged and in full for | re and effect |
| | AME AND TITLE OF SIGNER (Type | | o desament reterior | 16A. NAME A | ND TITLE OF CONTRACTING C EY D. EVANS | | |
| W. N. | Morton, Contracts | Manage | r, Phantom Works | |) , ,) | | t . |
| 15B. C | ONTRACTOR/OFFEROR | | 15C. DATE SIGNED | 16B. ON TED | STATES OF AMERICA | 16C. DA | TE SIGNED |
| W | NMHTOW | | 12-1-98 | BY 1 | uluy D. War | rs 12- | 8-98 |
| NSN 75 | (Signature of person authorized to s 40-01-152-8070 | sign) | | (Si 105 | gnature of Contracting Officer) | ARD FORM 30 (Re | v 10_83\ |
| | DUS EDITION UNUSABLE | | 3.7 | .50 | Prescribe | | +. 10 - 00) |

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."

CONTRACT SUMMARY

Amount Through Mod. No. 12

Mod. No. 13

Amount Through Mod. No. 13

Estimated Cost

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through Mod. No. 12

Mod. No. 13

Amount Through Mod. No 13

860,542

(\$15,600)

\$ 844,942

| | | | ОМВ | Approval #; 270042 | | | |
|----------------------------------|---|---|--------------------------------|---------------------------------------|---|--|--|
| | OMENT OF SOLICITATION | | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 | | |
| | ÉNDMENT/MODIFICATION NO. 14 | 3. EFFECTIVE DATE 1998 | 4. REQUISIT | ON/PURCHASE REQ. NO. DSD.1625 | 5. PROJECT NO. (If applicable) | | |
| 6. ISS | UED BY CODE | | 7. ADMINIST | ERED BY (If other than Item 6) | CODE | | |
| L | lational Aeronautics and Space angley Research Center lampton, VA 23681-0001 | Administration | | | <u> </u> | | |
| 8. NA | ME AND ADDRESS OF CONTRACTOR (No | o., street, county, State, and Zip Coo | de) (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. | | |
| In | he Boeing Co. Iformation, Space, and Defens | e Systems Group (ISDS) |) | 9B. DATED (SEE ITEM 11) | | | |
| | . O. Box 3999 | | | 104 MODIFICATION OF CO | NEDACT/ODDED NO | | |
| 3 | eattle, WA 98124 | | × | NAS1-20341 | NTRACT/ORDER NO. | | |
| | | | ŀ | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | ILITY CODE | | 6/07/96 | | | |
| | 11. THIS ITE | M ONLY APPLIES TO A | AMENDME | NTS OF SOLICITATIO | NS | | |
| (a) By (c) By s AT THI virtue or | 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. | | | | | | |
| | COUNTING AND APPROPRIATION DATA R: DSD.1625; R23059; \$50,00 | 0 (Complete)(T/A 8) | | | | | |
| | 13. THIS ITEM A | PPLIES ONLY TO MODI THE CONTRACT/ORDE | FICATION | S OF CONTRACTS/OF | RDERS, | | |
| (x) | A. THIS CHANGE ORDER IS ISSUED PO NO. IN ITEM 10A. | JRSUANT TO: (Specify authority) | THE CHANGES | SET FORTH IN ITEM 14 ARE N | MADE IN THE CONTRACT ORDER | | |
| X | B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I | TEM 14, PURSUANT TO THE AUT | HORITY OF FA | R 43.103(b). | changes in paying office, | | |
| | C. THIS SUPPLEMENTAL AGREEMEN | FIS ENTERED INTO PURSUANT 1 | TO AUTHORITY | OF: | | | |
| FIMI | PORTANT: Contractor X is not is requ | ired to sign this document and r | oturn o | opies to the issuing office. | | | |
| 14. DE TI B. | SCRIPTION OF AMENDMENT/MODIFICAT ne purpose of this modification 3, Contract Funding, is restate 3.3 CONTRACT FUNDING (| ion (Organized by UCF section he is to obligate \$50,000 in d as follows: | adings, includin incrementa | g solicitation/contract subject mai | tter where feasible.) thereof, | | |
| | or purposes of payment of cost | , | • | funds clause, the total | amount | | |
| Except | as provided herein, all terms and conditions | (CONTINUED ON A | TTACHED | PAGE) eretofore changed, remains unch | ranged and in full force and offere | | |
| 15A. N. | AME AND TITLE OF SIGNER (Type or print | | 16A. NAME AN | EY D. EVANS | FFICER (Type or print) | | |
| 15B. C | ONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED : | STATESIOF AMERICA | 16C. DATE SIGNED | | |
| | (Signature of person authorized to sign) | | | nature of Contracting Officer) | 12-15-98 | | |
| | 40-01-152-8070 DUS EDITION UNUSABLE | 30-10 | 05 | Prescribed | RD FORM 30 (Rev. 10-83) by GSA FR) 53.243 | | |

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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."

CONTRACT SUMMARY

| | Amount Through Mod. No. 13 | Mod. No. 14 | Amount Through Mod. No. 14 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

FUNDING SUMMARY

| Amount Through Mod. No. 13 | | Mod. No. 14 | Amount Through Mod. No 14 |
|-----------------------------|------------|-------------|---------------------------|
| Estimated Cost | \$ 844,942 | \$50,000 | \$ 894,942 |

| | | | OWB | Approval #: 27 142 | |
|---|--|---|--|--|---|
| | NEMENT OF SOLICITATION | MACRIFICATION OF OC | | 1. CONTRACT ID CODE | PAGE OF PAGES |
| | NDMENT OF SOLICITATION | | | | 1 2 |
| 2. AM | ENDMENT/MODIFICATION NO. 15 | 3. EFFECTIVE DATE | 4. REQUISIT | ON/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
| 6 1881 | UED BY CODE | DEC 2 1 1998 | 7 ADMINIST | DII.1214 ERED BY (If other than Item 6) | CODE |
| 0. 100 | 0000 | L | - /. ADMINIST | ERED DT (II Other than item o) | CODE |
| L | ational Aeronautics and Space angley Research Center ampton, VA 23681-0001 | e Administration | | | |
| 8. NAN | ME AND ADDRESS OF CONTRACTOR (N | o., street, county, State, and Zip Coo | de) (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. |
| | | • | 1 1 | 1 | |
| T | he Boeing Co. | | - (| , | |
| In | formation, Space, and Defens . O. Box 3999 | e Systems Group (ISDS) |) | 9B. DATED (SEE ITEM 11) | |
| | eattle, WX 98124 | | | 10A. MODIFICATION OF CO | NTRACT/ORDER NO. |
| · | 00.21 | | X | NAS1-20341 | |
| | ~ | | ^ | 14/01-20041 | |
| | | | ļ | 10B. DATED (SEE ITEM 13) | |
| CODE | FAC | CILITY CODE | | 1 | |
| | | | A A 45A 15D 451 | 6/07/96 | |
| | | M ONLY APPLIES TO | | | NS |
| Offers | The above numbered solicitation is amende must acknowledge receipt of this amendme | d as set forth in Item 14. The hour a nt prior to the hour and date specifie | and date specifie ed in the solicitat | d for receipt of Offers is e ion or as amended, by one of the | extended, is not extended. following methods: |
| (c) By s AT THE virtue o referen | completing Items 8 and 15, and returning _ separate letter or telegram which includes a E PLACE DESIGNATED FOR THE RECEIP If this amendment you desire to change an o ce to the solicitation and this amendment, a | reference to the solicitation and am T OF OFFERS PRIOR TO THE HO offer already submitted, such change and is received prior to the opening h | endment numbe DUR AND DATE e mav be made b | rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac | FIECTION OF VOLID OFFER IK. |
| | COUNTING AND APPROPRIATION DATA R: DII.1214; R23049; \$50,000 | | | | |
| | | PPLIES ONLY TO MOD | IFICATION: | S OF CONTRACTS/OF | RDERS. |
| | IT MODIFIES | THE CONTRACT/ORDE | ER NO. AS | DESCRIBED IN ITEM | 14. |
| (x) | A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A. | URSUANT TO: (Specify authority) | THE CHANGES | SET FORTH IN ITEM 14 ARE N | ADE IN THE CONTRACT ORDER |
| X | B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I | T/ORDER IS MODIFIED TO REFLE TEM 14, PURSUANT TO THE AUT | ECT THE ADMIN | ISTRATIVE CHANGES (such as R 43.103(b). | changes in paying office, |
| | C. THIS SUPPLEMENTAL AGREEMEN | T IS ENTERED INTO PURSUANT | TO AUTHORITY | OF: | |
| | | | | | |
| E. IMF | PORTANT: Contractor X is not is requ | ired to sign this document and r | return co | pies to the issuing office. | |
| Th | SCRIPTION OF AMENDMENT/MODIFICATION THE PURPOSE OF this modification 3, Contract Funding, is restate | is to obligate \$50,000 in | edings, including incrementa | i solicitation/contract subject mat il funding. As a result t | ter where feasible.) hereof, |
| "B | 3.3 CONTRACT FUNDING | NASA 18-52.232-81)(JU | – N 1990) | | |
| Fo | or purposes of payment of cost | in accordance with the l | imitation of | funds clause, the total | amount |
| F | | (CONTINUED ON A | TTACHED | PAGE) | |
| 15A N | as provided herein, all terms and conditions AME AND TITLE OF SIGNER (Type or prin | of the document referenced in Item | 9A or 10A, as h | eretofore changed, remains unch | anged and in full force and effect. |
| IOA. N | ", | | | D TITLE OF CONTRACTING OF Y D. EVANS | FFICER (Type or print) |
| 15B C | ONTRACTOR/OFFEROR | 150 DATE SIGNED | 460 1100 | 1 1 | |
| .55. 0 | ONTROLONOFFEROR | 15C. DATE SIGNED | BY INITED S | STATES OF AMERICA | 16C. DATE SIGNED |
| | (Signature of person authorized to sign) | | | nature of Contracting Officer) | 12-17-48 |
| NSN 75 | 40-01-152-8070 | 30-1 | | | RD FORM 30 (Rev. 10-83) |
| PREVIC | DUS EDITION UNUSABLE | | | Prescribed FAR (48 CF | by GSA |

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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

Amount Through Mod. No. 14 Mod. No. 15 Amount Through Mod. No. 15

Estimated Cost \$10,115,000 \$0 \$10,115,000

FUNDING SUMMARY

Amount Through Mod. No. 14 Mod. No. 15 Mod. No 15

Estimated Cost \$ 894,942 \$50,000 \$ 944,942

| OMB Approval #: 2700-0042 | | | | | | |
|--|---|--|--|-----------------------------------|-----------------------------|--|
| AMENDMENT OF SOLICITATION | | | 1. CONTRACT ID CODE | PAGE O | F PAGES | |
| 2. AMENDMENT/MODIFICATION NO. 16 | 3. EFFECTIVE DATE 1990 | 4. REQUISITI | ON/PURCHASE REQ. NO. N/A | 5. PROJECT NO. | (If applicable) | |
| 6. ISSUED BY CODE | | 7. ADMINISTI | RED BY (If other than Item 6) | CODE | | |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | e Administration | | | <u> </u> | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (N | o., street, county, State, and Zip Cod | (x) | 9A. AMENDMENT OF SOLICI | TATION NO. | | |
| The Boeing Co. Information, Space, and Defens P. O. Box 3999 | se Systems Group (ISDS) | | 9B. DATED (SEE ITEM 11) | | | |
| Seattle, WA 98124 | | | 10A. MODIFICATION OF COM | NTRACT/ORDER NO | 5. | |
| | | X | NAS1-20341 | | | |
| | | | 10B. DATED (SEE ITEM 13) | | | |
| *** | CILITY CODE | | 6/07/96 | | | |
| 11. THIS ITI | EM ONLY APPLIES TO A | MENDME | NTS OF SOLICITATIO | NS | | |
| The above numbered solicitation is amended Offers must acknowledge receipt of this amendment (a) By completing Items 8 and 15, and returning | ent prior to the hour and date specifie | d in the solicitati | on or as amended, by one of the | following methods: | ot extended. | |
| (c) By separate letter or telegram which includes a AT THE PLACE DESIGNATED FOR THE RECEIV virtue of this amendment you desire to change an reference to the solicitation and this amendment, a | reference to the solicitation and ame PT OF OFFERS PRIOR TO THE HO offer already submitted, such change and is received prior to the opening h | endment numbe OUR AND DATE o may be made t | rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac | WLEDGEMENT TO EJECTION OF YOUR | BE RECEIVED OFFER. If by | |
| 12. ACCOUNTING AND APPROPRIATION DATA N/A | (If required) | | | | | |
| | PPLIES ONLY TO MODI | | | | | |
| (X) A. THIS CHANGE ORDER IS ISSUED F | | | | | RACT ORDER | |
| NO. IN ITEM 10A. X FAR CLAUSE 52.243-2 CHA | ANGES-COST REIMBUR | SEMENT (| AUG 1987) ALTERNAT | ΓΕ V (APR 198 | 34) | |
| | | | | | | |
| C. THIS SUPPLEMENTAL AGREEMEN | IT IS ENTERED INTO PURSUANT | TO AUTHORITY | OF: | | | |
| | | | | | | |
| E. IMPORTANT: Contractor is not, x is re 14. DESCRIPTION OF AMENDMENT/MODIFICA | | | | | | |
| The purpose of this modification Statement of Work (SOW), Par | n is to incorporate the req | uirement fo | r Year 2000 compliand | e into the cont | ract | |
| C.1 STATEMENT OF WORK, add the following subparagraph: | | | | | | |
| | | | | | | |
| | (0.01) Thu | 16:: | 54.05 | | | |
| Except as provided herein, all terms and condition | (CONTINUED ON A | | | hanged and in full for | re and effect | |
| 15A. NAME AND TITLE OF SIGNER (Type or pri | nt) | | ND TITLE OF CONTRACTING O | | | |
| | ntracts Manager antom Works | SHIRLI | EY D. EVANS | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATIES OF AMERICA | 16C. DA | TE SIGNED | |
| WYMOUM | 1-19-99 | ву | Shulles II. Yel | arch 1- | 22-99 | |
| (Signatibre of person authorized to sign) NSN 7540-01-152-8070 | 30-1 | | nature of Contracting Officer) | DD EODM 20 /D- | <u>, 10 93\</u> | |
| PREVIOUS EDITION UNUSABLE | 30- | | S I ANUA Prescriber | IRD FORM 30 (Re | v. 10-63) | |

Prescribed by GSA FAR (48 CFR) 53.243

*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

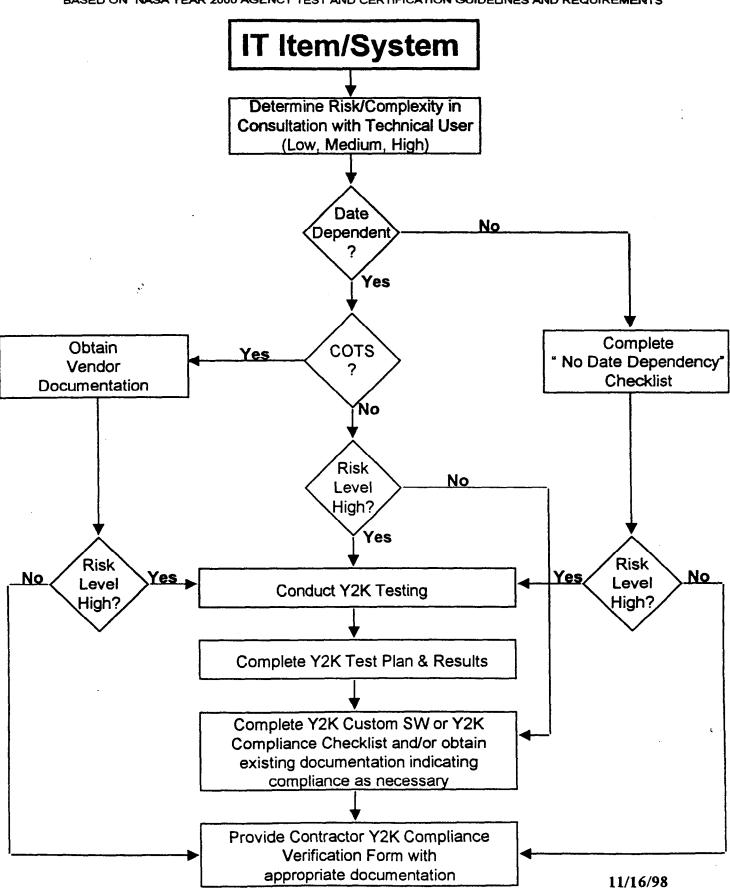
| | Amount Through Mod. No. 15 | Mod. No.16 | Amount Through _Mod. No. 16 |
|----------------|----------------------------|------------|-----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

FUNDING SUMMARY

| | unt Through od. No. 15 | Mod. No. 16 | unt Through od. No 16 |
|----------------|---------------------------|-------------|--------------------------|
| Estimated Cost | \$ 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'



Contractor Y2K Compliance Verification Form NASA Langley Research Center

| IT Item Nan Brief Descri | ne/System: | Risk/Complexity Level (High, Medium, Low): ———— | | | | |
|-----------------------------|---|--|--|--|--|--|
| Facility/Lab | (if applicable): | Organization: | | | | |
| Documentat | ion (check the applicable attachments)(Refer to the "NASA rits" and the "NASA LaRC Y2K Guideline for Documentation and To | Year 2000 Agency Test and Certification Guidelines esting 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: | | | | | | |
| Research Co | IT Item/System identified has been assessed for Y2K center Year 2000 test and certification guidelines and remains compliant as reflected in the attachments. | | | | | |
| Contra | ctor Company Name: | £ . | | | | |
| Contra | ctor Official: Typed Name and Signature | Date | | | | |
| i e | Concurrence: NASA COTR/Technical Monitor | | | | | |
| | Typed Name and Signature | Date | | | | |

| | | | | | | | | OMB Approva | |
|---|--|--|---|---|----------------------------------|--|---|---|---|
| AME | NDMENT OF SOLICITA | ATION/MC | DIFICATION | OF CONTRACT | 1. C | ONTRACT ID COL | DE PAG | E OF | PAGE(S) |
| | NDMENT/MODIFICATION NO. | 3. EFFECT | | 4. REQUISITION/PURCHASE RE | . I Q. NO. | | 5. PROJEC | T NO. (If appl | licable) |
| | 17 | JAN | 2 9 1000 | N/A | | | | | |
| 6. ISSUI | ED BY | CO | DDE | 7. ADMINISTERED BY (If other th | an Item | 6) | CC | DDE [| |
| Lan | ional Aeronautics and Space gley Research Center npton, VA 23681-2199 | e Administra | tion | | | | | | |
| 8. NAME | E AND ADDRESS OF CONTRACTOR (No. Str. | reet, County, State | and ZIP: Code) | | (\(\sigma \) | 9A. AMENDMEN | IT OF SOLICI | TATION NO. | |
| | Boeing Co. brantion, Space, and Defense S | ystems Grou | p (ISDS) | | | 9B. DATED (SEE | TEM 11) | | U Third was |
| | D. Box 3999 | • | • ` | | | 10A. MODIFICA | TION OF CON | TRACT/ORD | ER NO. |
| Seattle, WA 98124 | | | | | x | NAS1-20 | | | |
| CODE | | FACIL | ITY CODE | | | 6/7/96 | Ellem 13) | | |
| | 11 TL | | | AMENDMENTS OF SOI | LICIT | 0, 1, 7 0 | | | |
| Offers r (a) By d By sepa THE PL of this a solicitat | 13. THIS IT | ment prior to the g one (1) copy o a reference to the PT OF OFFERS For already submit d prior to the ope equired) FEM APPLIE DIFIES THE (1) CREUNT TO: (Specific Conditions of the prior o | hour and date specific f the amendment; (b) the solicitation and ame PRIOR TO THE HOUR ted, such change may ning hour and data specific such contraction. SONLY TO MODE CONTRACT/ORD (CONTRACT/ORD) ED TO REFLECT THE ALL 103(b). | ed in the solicitation or as amend By acknowledging receipt of this endment numbers. FAILURE OR AND DATA SPECIFIED MAY For be made by telegram or letter, ecified. DIFICATIONS OF CONTIDER NO. AS DESCRIBE NO. AS DESCRIBE NGES SET FORTH IN ITEM 14 ARE | led, by amen F YOU RESUL provide | dment on each JR ACKNOWLE T IN REJECTIC ed each telegran TS/ORDERS ITEM 14. N THE CONTRAC | ving method copy of the DGMENT T IN OF YOUR TO OF TOUR TORDER NO | offer submi O BE REC R OFFER. nakes refere | itted; or (c) EIVED AT If by virtue ence to the |
| X | D. OTHER Specify type of modification and | authority) | | | | | | | |
| | FAR CLAUSE 52.243-2 CH | HANGES-CO | OST REIMBURS | SEMENT (Aug 1987) AL | TER | NATE V (A | pr 1984) | | |
| E. IMI | PORTANT: Contractor is not, | is requir | ed to sign this docu | ment and return 3_ copies | to the | issuing office | | | |
| The goal | e purpose of this modification is ls. Recent policy changes have cordingly, the following change | s to delete the eliminated t | e requirement for his requirement. | submission of the month | | • | for socio | economi | c |
| | | | (CON | TINUED) | | | | | |
| 15A. NA | at provided herein, all terms and conditions of the | | | 16A. NAME AND TITLE OF CON | TRACTI | | | | i . |
| W.N | .Morton, Contracts Ma | nager, Ph | nantom Works | | | 1 | | 400 5:= | 0101:25 |
| - | (Signature of person authorized to sign | n) | 1-27-99 | BY (Signature | <i>()</i> (| tracting Officer) | | 16C. DATE | SIGNED 29-99 |
| | 40-01-152-8070 US EDITION UNUSABLE | | | 105 Generated | | | NDARD F escribed by G | | |

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FILE

- 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.

CONTRACT SUMMARY

| | Amount Through | Amount Through | | |
|----------------|----------------|----------------|--------------|--|
| | Mod. No. 16 | Mod. No. 17 | Mod. No. 17 | |
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 | |

FUNDING SUMMARY

| | Amount Through | Amount Through | | |
|----------------|----------------|----------------|-------------|--|
| | Mod. No. 16 | Mod. No. 17 | Mod. No. 17 | |
| Estimated Cost | \$944,942 | \$0 | \$944,942 | |

| OMB Approval #: 21 ±342 | | | | | | |
|--|---------------------------------|-------------------------|--|-------------------------------------|--|--|
| AMENDMENT OF SOLICITATION/MC | DIFICATION OF CO | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 | | |
| 2 AMENDMENT/MODIFICATION NO. 3. | EFFECTIVE DATE | 4. REQUISITION | ON/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) | | |
| | APR 1 2 1999 | * 404#W07F | GP.1056 | CODE | | |
| 6. ISSUED BY CODE | | 7. ADMINISTE | RED BY (If other than Item 6) | CODE | | |
| National Aeronautics and Space Ad Langley Research Center Hampton, VA 23681-0001 | ministration | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., str. | eet, county, State, and Zip Cod | e) (x) | 9A. AMENDMENT OF SOLICI | TATION NO. | | |
| The Boeing Co. Information, Space, and Defense S P. O. Box 3999 | | 9B. DATED (SEE ITEM 11) | | | | |
| Seattle, WA 98124 | | - | 10A. MODIFICATION OF CONTRACT/ORDER NO. | | | |
| Coulid, W/V CO.12. | | X | NAS1-20341 | | | |
| , | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE FACILITY | | | 6/07/96 | NG. | | |
| 11. THIS ITEM | ONLY APPLIES TO A | MENDME | NTS OF SOLICITATIO | NS | | |
| 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, | | | | | | |
| | | | -via A. Ma inclina office | | | |
| E. IMPORTANT: Contractor X is not is required 14. DESCRIPTION OF AMENDMENT/MODIFICATION | I to sign this document and r | eturn co | opies to the issuing office. a solicitation/contract subject ma | tter where feasible.) | | |
| The purpose of this modification is B.3, Contract Funding, is restated a | to obligate an additior | nal \$144,80 | 2 in incremental fundir | ng. As a result thereof, | | |
| "B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990) | | | | | | |
| For purposes of payment of cost in | accordance with the I | limitation of | funds clause, the total | amount | | |
| | (CONTINUED ON A | TTACHED | PAGE) | honord and in full faces and affect | | |
| Except as provided herein, all terms and conditions of t | ne document referenced in Item | | neretofore changed, remains unc ND TITLE OF CONTRACTING C | | | |
| IDA. NAME AND THE OF SIGNER (Type or print) | | | EY D. EVANS | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | BY UNITED | STATES OF AMERICA (MULLY DIA MENTALE) | 16C. DATE SIGNED' 4-12-99 | | |
| (Signature of person authorized to sign) NSN 7540-01-152-8070 | 30- | | <u> </u> | ARD FORM 30 (Rev. 10-83) | | |
| 17011 1070-01-102-0010 | | · - • | O I AND | () | | |

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

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

| | Amount Through Mod. No. 17 | Mod. No. 18 | Amount Through Mod. No. 18 |
|----------------|-----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| Amount Through Mod. No. 17 | | Mod. No. 18 | Amount Through Mod. No 18 | |
|----------------------------|------------|-------------|---------------------------|--|
| Estimated Cost | \$ 944,942 | \$144,802 | \$ 1,089,744 | |

| | | OMB A | npproval #: 2765 3042 | |
|---|---|-------------------|--|--------------------------------|
| AMENDMENT OF SOLICITATION | | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AMENDMENT/MODIFICATION NO. 19 | APR 15 1999 | 4. REQUISITI | ON/PURCHASE REQ. NO. DII.1227 | 5. PROJECT NO. (If applicable) |
| 6. ISSUED BY CODE | 7111 1 0 1000 | 7. ADMINISTI | ERED BY (If other than Item 6) | CODE |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | Administration | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No | ., street, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLICI | TATION NO. |
| The Boeing Co. Information, Space, and Defens P. O. Box 3999 Seattle, WA 98124 | e Systems Group (ISDS) | x | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF COI NAS1-20341 | NTRACT/ORDER NO. |
| | | | 10B. DATED (SEE ITEM 13) | |
| | ILITY CODE | | 6/07/96 | |
| 11. THIS ITE | M ONLY APPLIES TO | MENDME | NTS OF SOLICITATIO | NS |
| 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; of C) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIV AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If | | | | |
| virtue of this amendment you desire to change an o | ffer already submitted, such change | e may be made b | y telegram or letter, provided eac | ch telegram or letter makes |
| reference to the solicitation and this amendment, a 12. ACCOUNTING AND APPROPRIATION DATA | na is received prior to the opening i (If required) | tour and date sp | ecinea. | |
| PR: DII.1227; R21268; \$50,000 | (Complete)(T/A 2) | | | |
| | PPLIES ONLY TO MOD THE CONTRACT/ORD | | | |
| (X) A. THIS CHANGE ORDER IS ISSUED P NO. IN ITEM 10A. | URSUANT TO: (Specify authority) | THE CHANGES | S SET FORTH IN ITEM 14 ARE N | MADE IN THE CONTRACT ORDER |
| X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN | T/ORDER IS MODIFIED TO REFL TEM 14, PURSUANT TO THE AU | ECT THE ADMIN | IISTRATIVE CHANGES (such as R 43.103(b). | s changes in paying office, |
| C. THIS SUPPLEMENTAL AGREEMEN | T IS ENTERED INTO PURSUANT | TO AUTHORITY | ′ OF: | |
| | | | | |
| E. IMPORTANT: Contractor X is not is required. 14. DESCRIPTION OF AMENDMENT/MODIFICATION. | uired to sign this document and | return co | opies to the issuing office. a solicitation/contract subject ma | tter where feasible \ |
| The purpose of this modification B.3, Contract Funding, is restate | is to obligate an additio | | | |
| "B.3 CONTRACT FUNDING | (NASA 18-52.232-81)(JL | JN 1990) | | |
| For purposes of payment of cos | t in accordance with the | limitation of | funds clause, the total | amount |
| Except as provided herein, all terms and conditions | (CONTINUED ON A s of the document referenced in Iter | n 9A or 10A, as h | neretofore changed, remains unc | |
| 15A. NAME AND TITLE OF SIGNER (Type or pri | nt) | | ND TITLE OF CONTRACTING C EY D. EVANS | PERCER (Type or print) |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA | 16C. DATE SIGNED W. 1 (- 99 |
| (Signature of person authorized to sign) | | | gnature of Contracting Officer) | //\\/ |
| NCN 7540-01-152-8070 | 30_ | 105 | STANDA | RD FORM 30 (Rev. 10-83) |

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

| | Amount Through Mod. No. 18 | Mod. No. 19 | Amount Through Mod. No. 19 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 18 | Mod. No. 19 | Amount Through Mod. No 19 |
|----------------|-----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 1,089,744 | \$50,000 | \$ 1,139,744 |

| | | | OMB | Approval #: 27u J042 | |
|--|--|--------------------------------------|------------------|--|---|
| | IDMENT OF SOLICITATION/ | | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AME | NDMENT/MODIFICATION NO. 20 | JUN 9 7 1999 | 4. REQUISIT | ION/PURCHASE REQ. NO. See Page 2 | 5. PROJECT NO. (If applicable) |
| 6. ISSU | | 00N 3 (1888 | 7. ADMINIST | ERED BY (If other than Item 6) | CODE |
| La | ntional Aeronautics and Space ngley Research Center nmpton, VA 23681-0001 | Administration | | | |
| 8. NAM | E AND ADDRESS OF CONTRACTOR (No. | , street, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. |
| Int P. | ne Boeing Co. Formation, Space, and Defense O. Box 3999 Peattle, WA 98124 | e Systems Group (ISDS) | X | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO | NTRACT/ORDER NO. |
| | | | | | |
| CODE | FAC | LITY CODE | | 10B. DATED (SEE ITEM 13) | |
| CODE | | | NAENIDAAE | NTS OF SOLICITATIO | NS |
| 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 RECEIPT AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. | | | | | extended, is not extended. I following methods: ach copy of the offer submitted; or DWLEDGEMENT TO BE RECEIVED EJECTION OF YOUR OFFER. If by |
| virtue of | this amendment you desire to change an or be to the solicitation and this amendment, ar | ffer already submitted, such change | e may be made | by telegram or letter, provided ea | ch telegram or letter makes |
| 12. AC | COUNTING AND APPROPRIATION DATA | (If required) | | | |
| See Page 2 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, | | | | | |
| | | THE CONTRACT/ORDI | | | |
| (x) | A. THIS CHANGE ORDER IS ISSUED PUNO. IN ITEM 10A. | JRSUANT TO: (Specify authority) | THE CHANGE | S SET FORTH IN ITEM 14 ARE I | WADE IN THE CONTRACT ORDER |
| Х | B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I | TEM 14, PURSUANT TO THE AUT | THORITY OF F | AR 43.103(b). | s changes in paying office, |
| | C. THIS SUPPLEMENTAL AGREEMEN | F IS ENTERED INTO PURSUANT | TO AUTHORIT | Y OF: | |
| E IMI | PORTANT: Contractor X is not is requ | ired to sign this document and | return (| copies to the issuing office. | |
| 14. DE | SCRIPTION OF AMENDMENT/MODIFICAT | ION (Organized by UCF section he | eadings, includi | ng solicitation/contract subject ma | |
| | ne purpose of this modification 3, Contract Funding, is restate | | nal \$418,0 | 00 in incremental fundir | ng. As a result thereof, |
| "Е | 3.3 CONTRACT FUNDING (| NASA 18-52.232-81)(JU | JN 1990) | | |
| F | or purposes of payment of cost | | | | I amount |
| C | as provided herein, all terms and conditions | (CONTINUED ON A | TTACHEE |) PAGE) heretofore changed remains und | changed and in full force and effect |
| | AME AND TITLE OF SIGNER (Type or prin | | 16A. NAME | AND TITLE OF CONTRACTING O | |
| 15B. C | ONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA | 16C. DATE SIGNED 6-7-99 |
| | (Signature of person authorized to sign) | | (5 | ignature of Contracting Officer) | |
| NSN 7 | 540-01-152-8070 | 30- | 105 | ` STANDA | ARD FORM 30 (Rev. 10-83) |





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."

CONTRACT SUMMARY

| | Amount Through Mod. No. 19 | Mod. No. 20 | Amount Through Mod. No. 20 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

FUNDING SUMMARY

| | Amount Through Mod. No. 19 | Mod. No. 20 | Amount Through Mod. No 20 |
|----------------|----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 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

| | | | | c | MB A | pproval #: 2700-0042 | - | | |
|--|--|------------------------|---|----------------------|--|---|--------------------------|-------------|----------------|
| | | 101/146 | DIFICATION OF OC | AITDA | . . | 1. CONTRACT ID CODE | P. 1 | AGE OF | PAGES 2 |
| | MODIFICATION NO. | ION/MC | DDIFICATION OF CO | | | ON/PURCHASE REQ. NO. | | | if applicable) |
| 2. AWENDWENT | 21 | " | EFFECTIVE DATE | 4. KEQ | | BD.1044 | 0 | | , арриошло) |
| 6. ISSUED BY | | ODE | | 7. ADM | INISTE | RED BY (If other than Item 6) | CODE | | |
| National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 | | | | | | | | | |
| 8. NAME AND A | DDRESS OF CONTRACTO | OR (No., str | pet, county, State, and Zip Coo | le) | (x) | ,9A. AMENDMENT OF SOLICI | TATION NO. | | |
| P. O. Bo | on, Space, and De | fense S | ystems Group (ISDS) | | | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF COI | NTRACT/ORI | DER NO. | |
| | | | | | X | NAS1-20341 | | | |
| | | | | - | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | FACILITY | Y CODE | | | 6/07/96 | | | |
| | 11. THIS | 1 | | MENE | MEN | NTS OF SOLICITATIO | NS | | |
| 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: | | | | | ubmitted; or 3E RECEIVED OFFER. If by nakes | | | | |
| | | | | | | | | | |
| E. IMPORTA | NT: Contractor X is not | is required | to sign this document and | return | C | opies to the issuing office. g solicitation/contract subject ma | tter where fe | acible) | |
| The purp B.3, Cor "B.3 | pose of this modific ntract Funding, is re CONTRACT FUND | eation is estated a | to obligate an additio as follows: ASA 18-52.232-81)(JU | nal \$17 JN 199 | 7,867 (0) | in incremental funding - f funds clause, the tota | g. Asare | sult th | iereof, |
| Fui puit | ooses of payment o | i cost ill | accordance with the | mmall | J11 J1 | rango orago, mo tota | . aount | | |
| | led herein, all terms and co D TITLE OF SIGNER (Type | | (CONTINUED ON A | n 9A or 10 16A. N | AME A | PAGE) heretofore changed, remains und ND TITLE OF CONTRACTING O EY D. EVANS | hanged and i | n full forc | e and effect. |
| | | | | L | | \bigcirc | <u></u> | | |
| | CTOR/OFFEROR | sign) | 15C. DATE SIGNED | 16B. U | | STATES OF AMERICA UN ULU gnature of Contracting Officer) | issa | 7- | 7-99 |
| (Signate NSN 7540-01-1 | ire of person authorized to 52-8070 | aryrr) | 30 | -105 | (3) | | ARD FORM | 30 (Rev | /. 10-83) |
| | TION UNUSABLE | | | • | | Prescribe | ed by GSA CFR) 53.243 | ζ | • • |

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

Amount Through

Mod. No. 20

Mod. No. 21

\$10,115,000

Amount Through

Mod. No. 21

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Estimated Cost

Amount Through Mod. No. 20 Mod. No. 21 Amount Through Mod. No. 21 Mod. No. 21

Estimated Cost \$ 1,557,744 \$17,867 \$ 1,575,611

| | ., | OMB A | pproval #: 2700 .12 | |
|--|--|-------------------|--|--------------------------------|
| AMENDMENT OF SOLICITATION/MC | | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AMENDMENT/MODIFICATION NO. 22 S | FF 13 1999 | | ON/PURCHASE REQ. NO. OCB.1006 | 5. PROJECT NO. (If applicable) |
| 6. ISSUED BY CODE | | | RED BY (If other than Item 6) | CODE |
| National Aeronautics and Space Ad Langley Research Center Hampton, VA 23681-0001 | ministration | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., str. | eet, county, State, and Zip Cod | e) (x) | 9A. AMENDMENT OF SOLICI | TATION NO. |
| The Boeing Co. Information, Space, and Defense Sp. O. Box 3999 Seattle, WA 98124 | ystems Group (ISDS) | | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF COM | ITRACT/ORDER NO. |
| | | X | NAS1-20341 | |
| | | | 10B. DATED (SEE ITEM 13) | |
| CODE FACILITY | | AACNIDAACN | 6/07/96 | NC . |
| 11. IHISTIEM | ONLY APPLIES TO A | MENDMEN | ITS OF SOLICITATION | <u> </u> |
| 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 | | FICATIONS | OF CONTRACTS/OF | RDFRS |
| IT MODIFIES TH | IE CONTRACT/ORDE | ER NO. AS | DESCRIBED IN ITEM | 14. |
| (X) A. THIS CHANGE ORDER IS ISSUED PURSI NO. IN ITEM 10A. | UANT TO: (Specify authority) | THE CHANGES | SET FORTH IN ITEM 14 ARE M | ADE IN THE CONTRACT ORDER |
| X B. THE ABOVE NUMBERED CONTRACT/OF appropriation date, etc.) SET FORTH IN ITEM | 14, PURSUANT TO THE AUT | HORITY OF FAR | R 43.103(b). | changes in paying office, |
| C. THIS SUPPLEMENTAL AGREEMENT IS | ENTERED INTO PURSUANT | TO AUTHORITY | OF: | |
| T. INDODIANT. Cont. As X is not is not in a | las simpakis desument and | | ning to the inquing office | |
| E. IMPORTANT: Contractor X is not is required 14. DESCRIPTION OF AMENDMENT/MODIFICATION | (Organized by UCF section he | eturnco | pies to the issuing office. solicitation/contract subject mat | tter where feasible.) |
| The purpose of this modification is B.3, Contract Funding, is restated a | to obligate an additior | | | |
| "B.3 CONTRACT FUNDING (NA | .SA 18-52.232-81)(JU | N 1990) | | |
| For purposes of payment of cost in | accordance with the I | limitation of | funds clause, the total | amount |
| Except as provided herein, all terms and conditions of the | (CONTINUED ON A ne document referenced in Item | n 9A or 10A, as h | eretofore changed, remains unch | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | ID TITLE OF CONTRACTING O EY D. EVANS | FFICER (Type or print) |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | 341. IN 6. | 16C. DATE SIGNED |
| (Signature of person authorized to sign) | | | nature of Contracting Officer) | 7 1 10 1/ |
| NSN 7540-01-152-8070 | 30-1 | 105 | STANDA | RD FORM 30 (Rev. 10-83) |



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

| | Amount Through Mod. No. 21 | Mod. No. 22 | Amount Through Mod. No. 22 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 21 | Mod. No. 22 | Amount Through Mod. No 22 |
|----------------|----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 1,575,611 | \$100,000 | \$ 1,675,611 |

| <u> </u> | | · | | OMB A | \pproval #: 270\ 42 | |
|--|--|---|---|---|---|---|
| AMEN | IDMENT OF SOLICITA | TION/MO | DIFICATION OF C | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 4 |
| 2. AME | NDMENT/MODIFICATION NO. | | EFFECTIVE DATE | 4. REQUISIT | ON/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
| 0 10011 | 23 | | SEP 2 9 1999 | 7 ADMINIST | RA.1082 | CODE |
| 6. ISSU | ED BA | CODE | | - 7. ADMINIST | ERED BY (If other than Item 6) | CODE |
| La | tional Aeronautics and s ngley Research Center .mpton, VA 23681-000 | · | ministration | | | |
| 8. NAMI | AND ADDRESS OF CONTRAC | TOR (No., stre | et, county, State, and Zip Co | ode) (x) | 9A. AMENDMENT OF SOLICE | TATION NO. |
| | | | | | | |
| Th | e Boeing Co. | | | | | |
| | ormation, Space, and D | efense Sy | stems Group (ISDS | S) | 9B. DATED (SEE ITEM 11) | |
| Ρ. | O. Box 3999 | | | | | |
| Se | attle, WA 98124 | | | | 10A. MODIFICATION OF COI | NTRACT/ORDER NO. |
| | | | | X | NAS1-20341 | |
| | | | | | 10B. DATED (SEE ITEM 13) | |
| | | 1 = 100 = 1 | 0005 | | | |
| CODE | | FACILITY | | | 6/07/96 | |
| | 11. TH | IS ITEM C | ONLY APPLIES TO | AMENDME | NTS OF SOLICITATIO | NS |
| T | he above numbered solicitation is | amended as s | et forth in Item 14. The hour | and date specifie | d for receipt of Offers is e | xtended, is not extended. |
| Offers n | nust acknowledge receipt of this ar | mendment pric | r to the hour and date specif | fied in the solicitat | ion or as amended, by one of the | following methods: |
| (c) By so AT THE virtue of reference 12. ACC | ompleting Items 8 and 15, and return apparate letter or telegram which in PLACE DESIGNATED FOR THE this amendment you desire to chause to the solicitation and this amendment of the solicitation and this amendment of the solicitation and the | cludes a refere RECEIPT OF Inge an offer a dment, and is IN DATA (If re | ence to the solicitation and a OFFERS PRIOR TO THE Hall Iready submitted, such chan received prior to the opening quired) | mendment numbe IOUR AND DATE ge may be made l | ers. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided eac | WLEDGEMENT TO BE RECEIVED JECTION OF YOUR OFFER. If by |
| | | | | DIFICATION | S OF CONTRACTS/OF | RDERS. |
| | IT MOE | IFIES TH | E CONTRACT/ORD | DER NO. AS | DESCRIBED IN ITEM | 14. |
| (x) | A. THIS CHANGE ORDER IS IS NO. IN ITEM 10A. | SUED PURSU | JANT TO: (Specify authority | /) THE CHANGE | S SET FORTH IN ITEM 14 ARE N | MADE IN THE CONTRACT ORDER |
| | B. THE ABOVE NUMBERED CO | ONTRACT/OR | DER IS MODIFIED TO REF 14, PURSUANT TO THE AU | LECT THE ADMII | NISTRATIVE CHANGES (such as | changes in paying office, |
| Х | C. THIS SUPPLEMENTAL AGR | EEMENT IS E | NTERED INTO PURSUAN | T TO AUTHORIT | Y OF: | |
| | FAR Clause 52.204-2, | Security F | Requirements (Aug | 1996) | | |
| | • | | | | | |
| E. IMI | PORTANT: Contractor X is | required | to sign this document and | d return 3 c | opies to the issuing office. | |
| | SCRIPTION OF AMENDMENT/M | | | | | |
| | ne purpose of this modif incremental funding. | ication is t | o add security requ | irements and | d to obligate an addition | iai \$50,000 |
| A: | s a result, the following | changes a | re hereby made to t | the Contract | Schedule: | |
| | • | - | - | | | |
| | | | | | | |
| | | | (CONTINUED ON | ATTACHED | DAGE) | |
| Excent | as provided herein, all terms and | conditions of th | (CONTINUED ON ne document referenced in It | em 9A or 10A. as | heretofore changed, remains unc | hanged and in full force and effect. |
| | AME AND TITLE OF SIGNER (T) | | | | ND TITLE OF CONTRACTING O | |
| | TIE | - | · 4 . | SHIRL | EY D. EVANS | |
| 450 0 | Jean Les | af C | Track Mar | 160 1 1117 | STATES OF AMERICA | 16C, DATE SIGNED |
| 15B. C | ONTRACTOR/OFFEROR | | 15C. DATE SIGNED | BY \bigcup | hulen I W | MI 9-29-99 |
| \leq | Signature of person authorized | o sign) | 1/2777 | | ignature of Contracting Officer) | 1 01 // |
| | 546-91-152-8070 OUS EDITION UNUSABLE | | | 0-105 | Prescribe | ARD FORM 30 (Rev. 10-83) d by GSA CFR) 53.243 |

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 (NISPOM) 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

| | Amount Through Mod. No. 22 | Mod. No. 23 | Amount Through Mod. No. 23 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$ 0 | \$10,115,000 |

| | Amount Through Mod. No. 22 | Mod. No. 23 | Amount Through Mod. No 23 | |
|----------------|----------------------------|-------------|---------------------------|--|
| Estimated Cost | \$ 1,675,611 | \$50,000 | \$ 1,725,611 | |

| OMB Approval #: 27ω-0042 | | | | | | | | ` | | |
|---|---|--|---------------------------------------|------------------|------------------------|-----------------------------------|--|----------------------------|------------|--------------------|
| | IDMENT OF SOLICITAT | | | | | NTRACT | 1. CONTRACT ID CODE | | 1 | F PAGES |
| 2. AME | NDMENT/MODIFICATION NO. 24 | 3. E | TEFECTIVE TO (| DATE | 1999 | 4. REQUISIT | ON/PURCHASE REQ. NO. RDA.1023 | 5. PROJE | CT NO. | (If applicable) |
| 6. ISSU | | ODE | DLU (| <i>_</i> | 1000 | 7. ADMINIST | ERED BY (If other than Item 6) | CODE | \top | |
| La Ha | tional Aeronautics and Sp ngley Research Center Impton, VA 23681-0001 | | | | | | | | | |
| 8. NAM | E AND ADDRESS OF CONTRACTO | R (No., stree | et, county, S | tate, ai | nd Zip Cod | e) (x) | 9A. AMENDMENT OF SOLIC | CITATION NO |). | |
| Inf P. | e Boeing Co. formation, Space, and Def O. Box 3999 eattle, WA 98124 | ense Sy | stems G | roup | (ISDS) | | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO | ONTRACT/OF | RDER NO | D. |
| - | attio, Tirk oo in i | | | | | X | NAS1-20341 | | | |
| | | | | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | FACILITY | CODE | | | | 6/07/96 | | | |
| | 11. THIS | ITEM C | NLY AP | PLIE | S TO A | MENDME | NTS OF SOLICITATION | ONS | | |
| Offers n (a) By c (c) By s AT THE virtue of reference 12. AC | 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) | | | | | | | | | |
| PF | R: RDA.1023; R24513; \$ | | | | | | | | | |
| | | | | | | | S OF CONTRACTS/C DESCRIBED IN ITEM | | | |
| (x) | A. THIS CHANGE ORDER IS ISSU NO. IN ITEM 10A. | IED PURSU | ANT TO: (S | Specify | authority) | THE CHANGE | S SET FORTH IN ITEM 14 ARE | MADE IN TH | E CONT | RACT ORDER |
| Х | B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR | TRACT/ORI | DER IS MOD 14, PURSUA | DIFIED ANT TO | TO REFLE THE AUT | ECT THE ADMII | NISTRATIVE CHANGES (such a | as changes in | paying o | office, |
| | C. THIS SUPPLEMENTAL AGREE | MENT IS E | NTERED IN | ITO PU | JRSUANT | TO AUTHORIT | Y OF: | | | |
| | PORTANT: Contractor X is not | - an sive at te | aiga thia da | | nt and sat | urn oor | ies to the issuing office. | | | |
| 14. DE Th B. | scription of AMENDMENT/MOD ne purpose of this modific 3, Contract Funding, is re | FICATION (ation is to stated as | Organized b o obligat s follows | e an : | section he addition | eadings, includir nal \$100,00 | ng solicitation/contract subject m | atter where fo ng. As a | esible.) | thereof, |
| F | or purposes of payment of | cost in a | accordar | nce w | vith the | limitation o | f funds clause, the tota | al amount | | |
| Evcent | as provided herein, all terms and cor | ditions of the | (CONTI | NUE referer | D ON A | TTACHED | PAGE) heretofore changed, remains un | changed and | in full fo | rce and effect. |
| | AME AND TITLE OF SIGNER (Type | | | | | 16A. NAME A | ND TITLE OF CONTRACTING EY D. EVANS | | ype or pr | int) |
| 15B. C | ONTRACTOR/OFFEROR | | 15C. DA | TE SIC | SNED | 16B. UNITED | wiley D. Wo | iri | 16C. DA | TE SIGNED |
| NICH 7 | (Signature of person authorized to s | ign) | | | 30- | <u> </u> | ignature of Countracting Officer) | ARD FORM | 1 30 /84 | - / / ev 10-83) |
| | 540-01-152-8070 DUS EDITION UNUSABLE | | | | 30- | 150 | Prescrib | ed by GSA CFR) 53.243 | • | 10-00) |

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

| | Amount Through Mod. No. 23 | Mod. No. 24 | Amount Through Mod. No. 24 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 23 | Mod. No. 24 | Amount Through Mod. No 24 | |
|----------------|----------------------------|-------------|---------------------------|--|
| Estimated Cost | \$ 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: COST PERF REPT/NF533:

SUBCONTRACT PROGRAM PLAN: PROPERTY FINANCIAL REPORTING:

MOD ADMINISTRATOR: 116 CONTRACTING OFFICER: 055 NEGOTIATOR: 116

EVANS

SHIRLEY D.

EVANS SHIRLEY D. YEAGER

MARY J.

MOD CANCELLATION DATE:

REC ADDED: 19991210 LAST ACT: 19991210 REPORTED: N REC REPORTED DATE:

OPTION:

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

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:

1,849,611

TOTAL OBLIG: 24,000 FUNDED THRU: 20000430

20000430

NON RPM FUNDING:
RPM FUNDING:

FINANCIAL OBLIGATION:

150,000

FINANCIAL CUMUL OBLIGATION:

1,825,611

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

| OMB Approval #: 2700 | | | | | | | | | |
|--|--|---|--|----------------------------------|---------------|-----------------------------|--|--|--|
| AMENDMENT OF SOLICITATION/ | MODIFICATION OF CO | | 1. CONTRACT ID CODE | | PAGE O | 2 | | | |
| 2. AMENDMENT/MODIFICATION NO. 26 | DEC 2 0 1999 | 4. REQUISITI | ON/PURCHASE REQ. NO. RA.1139 | 5. PRC | DJECT NO. | (If applicable) | | | |
| 6. ISSUED BY CODE | DLO & U 1333 | 7. ADMINISTI | ERED BY (If other than Item | 6) COD | E | | | | |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | Administration | | | | <u> </u> | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No. | street, county, State, and Zip Coo | de) (x) | 9A. AMENDMENT OF S | OLICITATION I | NO. | | | | |
| The Boeing Co. Information, Space, and Defense P. O. Box 3999 | Systems Group (ISDS) |) | 9B. DATED (SEE ITEM | 11) | | | | | |
| Seattle, WA 98124 | | ************************************** | 10A. MODIFICATION OF | F CONTRACT/ | ORDER NO | , | | | |
| | | X | NAS1-20341 | | | | | | |
| | | | 10B. DATED (SEE ITEM | 1 13) | | | | | |
| | LITY CODE | | 6/07/96 | | | | | | |
| 11. THIS ITE | M ONLY APPLIES TO | AMENDME | NTS OF SOLICITA | TIONS | | | | | |
| The above numbered solicitation is amended Offers must acknowledge receipt of this amendment | | • | • | is extended, of the following | | ot extended. | | | |
| (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a real of the PLACE DESIGNATED FOR THE RECEIPT virtue of this amendment you desire to change an of reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (COUNTING AND APPROPRIATION DATA (COUNTIN | eference to the solicitation and am OF OFFERS PRIOR TO THE HO fer already submitted, such chang d is received prior to the opening to if required) | nendment numbe DUR AND DATE e may be made b | rs. FAILURE OF YOUR AC SPECIFIED MAY RESULT by telegram or letter, provide | KNOWLEDGE IN REJECTION | MENT TO I | BE RECEIVED OFFER. If by | | | |
| PR: RA.1139; R20999; \$20,000 | (Complete)(1/A 13) PLIES ONLY TO MOD | IFICATIONS | S OF CONTRACTS | MADERS | <u> </u> | | | | |
| IT MODIFIES | THE CONTRACT/ORD | ER NO. AS | DESCRIBED IN IT | EM 14. | • | | | | |
| (X) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. | RSUANT TO: (Specify authority) | THE CHANGES | SET FORTH IN ITEM 14 A | ARE MADE IN 1 | THE CONTR | ACT ORDER | | | |
| X B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT | | | | ich as changes | in paying of | Tice, | | | |
| C. THIS SUPPLEMENTAL AGREEMENT | IS ENTERED INTO PURSUANT | TO AUTHORITY | OF: | | | | | | |
| - INDODENIE O LA VIA | | | | *- | | | | | |
| E. IMPORTANT: Contractor X is not require 14. DESCRIPTION OF AMENDMENT/MODIFICATI | a to sign this document and ret ON (Organized by UCF section he | turn copi | es to the issuing office. I solicitation/contract subject | ct matter where | feasible) | | | | |
| The purpose of this modification B.3, Contract Funding, is restated | is to obligate an additio | | | | | iereof, | | | |
| "B.3 CONTRACT FUNDING (I | NASA 18-52.232-81)(JU | JN 1990) | | | | | | | |
| For purposes of payment of cost | in accordance with the | limitation of | funds clause, the t | otal amour | nt | | | | |
| | (CONTINUED ON A | TTACHED | PAGE) | | | | | | |
| Except as provided herein, all terms and conditions | of the document referenced in Item | n 9A or 10A, as h | eretofore changed, remains | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | ND TITLE OF CONTRACTION IN THE STATE OF CONTRACTION IN THE | NG OFFICER (| (Type or prir | it) | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA | | 16C. DAT | E SIGNED | | | |
| | | BY W | inley D. Eck | 210 | /3 - | 20-99 | | | |
| (Signature of person authorized to sign) NSN 7540-01-152-8070 | 30- | | nature of Contracting Office | | L | | | | |
| 110.1 7040-01-102-0070 | 30- | 100 | SIA | NDARD FOR | (MI OU (KEV | . 10-03) | | | |





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

| | Amount Through Mod. No. 25 | Mod. No. 26 | Amount Through Mod. No. 26 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 25 | Mod. No. 26 | Amount Through Mod. No 26 |
|----------------|----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 1,849,611 | \$20,000 | \$ 1,869,611 |

| | | <u></u> | | OMB | Approval #: 27th J042 | |
|--|--|--|---|---|--|---|
| | MENT OF SOLICITAT | | | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AMENDM | ENT/MODIFICATION NO. 27 | 3, EFFECTIVE | | 4. REQUISI | FION/PURCHASE REQ. NO. RCD.1050 | 5. PROJECT NO. (If applicable) |
| 6. ISSUED E | | ODE | L V 2000 | 7. ADMINIS | TERED BY (If other than Item 6) | CODE |
| Langl | nal Aeronautics and Sp ey Research Center oton, VA 23681-0001 | pace Administra | ation | | | |
| 8. NAME AN | ID ADDRESS OF CONTRACTO | R (No., street, county | , State, and Zip Coo | de) (x) | 9A. AMENDMENT OF SOLIC | CITATION NO. |
| Inform P. O. | Boeing Co. nation, Space, and Def Box 3999 Ie, WA 98124 | ense Systems | Group (ISDS) |) <u> </u> | 98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO NAS1-20341 | NTRACT/ORDER NO. |
| | | | | ^ | | |
| 0005 | | EACH ITY CODE | | | 10B. DATED (SEE ITEM 13) | |
| CODE | 44 71110 | FACILITY CODE | DDI IEO TO | ANGNIDAG | 6/07/96 | NIO. |
| | | | | | NTS OF SOLICITATIO | ons — |
| Offers must (a) By compl (c) By separa AT THE PLA virtue of this reference to | ate letter or telegram which inclu ACE DESIGNATED FOR THE RE amendment you desire to chang the solicitation and this amendm | ndment prior to the ho ng copies of the des a reference to the ECEIPT OF OFFERS e an offer already sub ent, and is received p | our and date specific e amendment; (b) E e solicitation and am PRIOR TO THE HO mitted, such chang | ed in the solicital By acknowledginendment numb DUR AND DATI e may be made | ation or as amended, by one of the ing receipt of this amendment on a ers. FAILURE OF YOUR ACKNO E SPECIFIED MAY RESULT IN R by telegram or letter, provided ea | rach copy of the offer submitted; or DWLEDGEMENT TO BE RECEIVED EJECTION OF YOUR OFFER. If by |
| | NTING AND APPROPRIATION | | 1040) (T/A 4 4) | | • | |
| PR: I | RCD.1050; R26123; \$7 | | | IEIO A TION | IO OF COLUTE LOTO | |
| | IT MODIF | IES THE CON | TRACT/ORD | ER NO. AS | IS OF CONTRACTS/O DESCRIBED IN ITEM | l 14. |
| | THIS CHANGE ORDER IS ISSU). IN ITEM 10A. | ED PURSUANT TO: | (Specify authority) | THE CHANGE | S SET FORTH IN ITEM 14 ARE | MADE IN THE CONTRACT ORDER |
| арі | THE ABOVE NUMBERED CON propriation date, etc.) SET FORT | H IN ITEM 14, PURS | UANT TO THE AUT | THORITY OF F | AR 43.103(b). | s changes in paying office, |
| C. | THIS SUPPLEMENTAL AGREE | MENT IS ENTERED | INTO PURSUANT | TO AUTHORIT | Y OF: | |
| E IMPOR | TANT: Contractor V in not r | aguisad to sign this | deciment and re | | nice to the include office | |
| | TANT: Contractor X is not r IPTION OF AMENDMENT/MODI | | | | pies to the issuing office. Indicate the solution of the solu | atter where feasible) |
| The p | | ation is to oblig | ate an additio | • | • | ng. As a result thereof, |
| "B.3 | CONTRACT FUNDI | NG (NASA 18- | 52.232-81)(JL | JN 1990) | | |
| For p | ourposes of payment of | cost in accorda | ance with the | limitation o | of funds clause, the tota | I amount |
| | | | TINUED ON A | | | |
| | rovided herein, all terms and con- AND TITLE OF SIGNER (Type | | nt referenced in Iter | | | changed and in full force and effect. |
| IJA, NAME | AND THEE OF SIGNER (TYPE) | огринц | | 1 | AND TITLE OF CONTRACTING (LEY D. EVANS | orricek (Type or print) |
| 158. CONT | RACTOR/OFFEROR | 15C. t | DATE SIGNED | 168. UNITE | STATES OF AMERICA | 16C. DATE SIGNED |
| | | | | ву | when D. Eva | ng 1-10-00 |
| | inature of person authorized to si 01-152-8070 | gn) | 30_ |) (S | ignature of Contracting Officer) | ARD FORM 30 (Rev. 10-83) |
| .,.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | 30- | | O I ANU | 7112 FUNK JU (NEV. (U-03) |



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

Amount Through Mod. No. 26

Mod. No. 27

Amount Through Mod. No. 27

Estimated Cost

\$10,115,000

\$0

\$10,115,000

FUNDING SUMMARY

Amount Through Mod. No. 26

Mod. No. 27

Amount Through Mod. No 27

Estimated Cost

\$ 1,869,611

\$700,000

\$ 2,569,611

| | · | | | | (| | | roval 2700-0042 |
|-------------------------------|---|---|---|---|--|--------------|----------------|--|
| AMFI | NDMENT OF SOLICITATI | ON/MODIFICAT | TION OF | CONTRACT | 1. CONTRACT ID CODE | | PAGE C | PAGE(S) |
| | DMENT/MODIFICATION NO. | 3. EFFECTIVE DATE 20 | | s. requisition/purchase | E REQ. NO. | 5. PRO | JECT NO. (If | applicable) |
| 6. ISSUE | D BY | CODE | | 7. ADMINISTERED BY (If oth | er than Item 6) | COL | DE [| |
| Lang | onal Aeronautics and Space A gley Research Center opton, VA 23681-2199 | dministration | | | | | | |
| The Infor | AND ADDRESS OF CONTRACTOR (No. Street Boeing Co. mation. Space, and Defense System Box 3999) tte, WA 98124 | | | | 9B. DATED (S. 10A. MODIFIC NAS1-2 | EE ITEM 1: |)) | |
| CODE | | FACILITY CODE | | | 10B. DATED (| SEE ITEM | 13) | • • |
| CODE | 11 TUI | | PLIES TO A | MENDMENTS OF | | | | |
| PLACE amendr solicitati | | FFERS PRIOR TO THE I dy submitted, such chan rior to the opening hour a uired) | HOUR AND E nge may be n and data specit | ATA SPECIFIED MAY RI nade by telegram or lette fied. | ESULT IN REJECTION C | m or lette | OFFER. If | by virtue of this |
| | 13. THIS ITE | M APPLIES ONLY | TO MODI | FICATIONS OF CO ER NO. AS DESCRI | NTRACTS/ORDER | S, | | |
| (✔) | A. THIS CHANGE ORDER IS ISSUED PURS | | | | | ACT ORDE | R NO. IN ITE | M 10A. |
| | B. THE ABOVE NUMBERED CONTRACT/OI IN ITEM 14, PURSUANT TO THE AUTHO C. THIS SUPPLEMENTAL AGREEMENT IS | RITY OF FAR 43.103(b). | | | uch as changes in paying offic | ce, appropri | iation date, e | tc.) SET FORTH |
| X | | | | modified by NASA FAR Supplement 1852.227-14 | | | | |
| | D. OTHER Specify type of modification and a | uthority) | | | | | | |
| E. IMI | PORTANT: Contractor is not, scription of AMENDMENT/MODIFICATION | is required to sign | in this docum | nent and return 3 co | opies to the issuing off | ice. | | |
| The | e purpose of this bilateral moderneral clause FAR 52.227-14 | lification is to mo | odify the c | ontract to include | | II of the | e Rights | s in Data |
| Acc | cordingly, the following chan | ges are hereby ma | ade to the | Contract Schedule | 3: | | | |
| Sec | etion I, Contract Clauses , I.1, | Listing of Clause | es Incorpo | rated by Referenc | e, insert the follo | wing cl | auses: | |
| 5 | at provided herein, all terms and conditions of the | | (conti | | unchanged and in full force a | and effect. | E Y | MID |
| 15A. NA | ONTRACTOBIOFFEROR (Figure of person authorized to sign) | Confisc pa | L Lac TE SIGNED | 16A. NAME AND TITLE OF SHIRLEY D. EV 16B. UNITED STATES OF BY (Signature) | CONTRACTING OFFICER ANS MERICA Inature of Contracting Officer, | (Type or p | 16C. | DATE SIGNED |
| NSN 75- PREVIC | 40-01-152-1070 DUS EDITION UNUSABLE | l | Computer G | | · S | | | A 30 (REV. 10-83 IR (48 CFR) 53.24 |

- 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

| | | OMB A | pproval #: 2, 0042 | | | | |
|--|---|---|---|---|--|--|--|
| AMENDMENT OF SOLICITATION/ | | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 | | | |
| 2. AMENDMENT/MODIFICATION NO. 29 | 3. EFFECTIVE DATE .IΔN 3 1 2000 | 4. REQUISITI | ON/PURCHASE REQ. NO. RDG.1020 | 5. PROJECT NO. (If applicable) | | | |
| 6. ISSUED BY CODE | JAN 3 1 ZUUU | 7. ADMINISTE | RED BY (If other than Item 6) | CODE | | | |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | Administration | | | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No. | , street, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLI | CITATION NO. | | | |
| The Boeing Co. Information, Space, and Defense P. O. Box 3999 Seattle, WA 98124 | e Systems Group (ISDS) | x | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO | ONTRACT/ORDER NO. | | | |
| | | | | | | | |
| CODE FACI | LITY CODE | | 10B. DATED (SEE ITEM 13) 6/07/96 | | | | |
| | M ONLY APPLIES TO | AMENDMEN | I | ONS | | | |
| The above numbered solicitation is amended Offers must acknowledge receipt of this amendmen | as set forth in Item 14. The hour | and date specified | d for receipt of Offers is | extended, is not extended. | | | |
| (a) By completing Items 8 and 15, and returning (c) By separate letter or telegram which includes a rAT THE PLACE DESIGNATED FOR THE RECEIP virtue of this amendment you desire to change an of reference to the solicitation and this amendment, at 12. ACCOUNTING AND APPROPRIATION DATA DD. DDC 1020; B26162; \$15.00 | eference to the solicitation and am TOF OFFERS PRIOR TO THE HO Ter already submitted, such change and is received prior to the opening to (If required) | endment number OUR AND DATE o may be made b | rs. FAILURE OF YOUR ACKN SPECIFIED MAY RESULT IN F y telegram or letter, provided e | OWLEDGEMENT TO BE RECEIVED REJECTION OF YOUR OFFER. If by | | | |
| PR: RDG.1020; R26162; \$15,00 | PPLIES ONLY TO MOD | IFICATIONS | S OF CONTRACTS/C | RDERS | | | |
| | THE CONTRACT/ORD | | | | | | |
| (X) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. | RSUANT TO: (Specify authority) | THE CHANGES | SET FORTH IN ITEM 14 ARE | MADE IN THE CONTRACT ORDER | | | |
| X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN IT | | | | as changes in paying office, | | | |
| C. THIS SUPPLEMENTAL AGREEMENT | IS ENTERED INTO PURSUANT | TO AUTHORITY | OF: | | | | |
| E IMPORTANT: Contractor V is not require | d to cian this document and ref | urn coni | on to the inquire office | | | | |
| 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 prin | , | SHIRLE | ID TITLE OF CONTRACTING EY D. EVANS | | | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | BY (Si | bully I. a | 16C. DATE SIGNED 1-31-00 | | | |
| (Signature of person authorized to sign) | | (Sig | nature of Contracting Officer) | 155 555 15 15 15 15 15 15 15 15 15 15 15 | | | |

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

| | Amount Through Mod. No. 28 | Mod. No. 29 | Amount Through Mod. No. 29 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 28 | Mod. No. 29 | Amount Through Mod. No 29 |
|----------------|----------------------------|-------------|------------------------------|
| Estimated Cost | \$ 2,569,611 | \$15,000 | \$ 2,584,611 |

| | | OMB A | pproval #: 27\ \ \J42 | |
|--|--|--|--|--|
| AMENDMENT OF SOLICITATIO | N/MODIFICATION OF CO | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AMENDMENT/MODIFICATION NO. 30 | FEB TIME 2000 | 4. REQUISITION | ON/PURCHASE REQ. NO. RCD.1059 | 5, PROJECT NO. (If applicable) |
| 6. ISSUED BY COD | DE | 7. ADMINISTE | RED BY (If other than Item 6) | CODE |
| National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001 | ce Administration | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR | (No., street, county, State, and Zip Coo | te) (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. |
| The Boeing Co. Information, Space, and Defer P. O. Box 3999 Seattle, WA 98124 | nse Systems Group (ISDS) | × | 98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO | NTRACT/ORDER NO. |
| | | | 108. DATED (SEE ITEM 13) | |
| 1 | ACILITY CODE | | 6/07/96 | |
| 11. THIS I | TEM ONLY APPLIES TO | AMENDME | NTS OF SOLICITATIO | NS |
| | is a reference to the solicitation and an EIPT OF OFFERS PRIOR TO THE HO an offer already submitted, such change it, and is received prior to the opening ITA (If required) 48,000 (Complete)(T/A 14) APPLIES ONLY TO MODES THE CONTRACT/ORD DESTREEMENT TO: (Specify authority) RACT/ORDER IS MODIFIED TO REFLINITEM 14, PURSUANT TO THE AUTHORS | IFICATION ER NO. AS THE CHANGES ECT THE ADMIN | IS. FAILURE OF YOUR ACKNOSPECIFIED MAY RESULT IN RIGHT OF YOUR ACKNOSPECIFIED MAY RESULT IN RIGHT OF THE PROVIDED OF THE PROVI | EJECTION OF YOUR OFFER. If by ch telegram or letter makes RDERS, 1 14. MADE IN THE CONTRACT ORDER |
| E. IMPORTANT: Contractor X is not rec 14. DESCRIPTION OF AMENDMENT/MODIFIE | quired to sign this document and re | turn cop | ies to the issuing office. | etter whom foreible) |
| The purpose of this modificat B.3, Contract Funding, is rest | ion is to obligate an additio | | | |
| | G (NASA 18-52.232-81)(JU | • | | |
| For purposes of payment of c | | | | l amount |
| Except as provided herein, all terms and condit | (CONTINUED ON) tions of the document referenced in Ite | | | changed and in full force and effect. |
| 15A. NAME AND TITLE OF SIGNER (Type or | | 16A. NAME A | ND TITLE OF CONTRACTING OF EY D. EVANS | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA) | 16C. DATE SIGNED 2.17-00 |
| (Signature of person authorized to sign | | (S | ignature of Contracting Officer) | 8 // 85 |
| NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE | 30 | -105 | | ARD FORM 30 (Rev. 10-83) ed by GSA |

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

| Amount Through Mod. No. 29 | Mod. No. 30 | Amount Through Mod. No. 30 | |
|----------------------------|-------------|----------------------------|--|
| \$10 .115.000 | \$0 | \$10 115 000 | |

FUNDING SUMMARY

Estimated Cost

| | Amount Through Mod. No. 29 | Mod. No. 30 | Amount Through Mod. No 30 |
|----------------|----------------------------|-------------|------------------------------|
| Estimated Cost | \$ 2,584,611 | \$948,000 | \$ 3,532,611 |

| | | | (| OMB A | pproval #: 27\u -2042 | | | |
|------------------|---|--|---------------------------------------|-------------------|---|------------------|---------------|---------------------|
| | NDMENT OF SOLICITATIO | | ONTRA | СТ | 1. CONTRACT ID CODE | | PAGE OF | 2 |
| 2. AMEI | NDMENT/MODIFICATION NO. 31 | 3. LEBCSINE DEDON | 4. RE0 | UISITK | ON/PURCHASE REQ. NO. OCB.1025 | 5. PROJI | ECT NO. | îf applicable) |
| 6. ISSU | ED BY COD | DE | 7. AD | MINISTE | RED BY (If other than Item 6) | CODE | | |
| La | ational Aeronautics and Spa ingley Research Center ampton, VA 23681-0001 | ce Administration | | | | | | |
| 8. NAM | E AND ADDRESS OF CONTRACTOR | (No., street, county, State, and Zip C | Code) | (x) | 9A. AMENDMENT OF SOL | ICITATION NO | D. | |
| Int | ne Boeing Co. formation, Space, and Defer O. Box 3999 | nse Systems Group (ISD | S) | | 9B. DATED (SEE ITEM 11) | | | |
| | eattle, WA 98124 | | | - | 10A. MODIFICATION OF C | ONTRACT/O | RDER NO | |
| | | | | X | NAS1-20341 | | | |
| | | | | | 10B. DATED (SEE ITEM 1 | 3) | | |
| CODE | | ACILITY CODE | | <u> </u> | 6/07/96 | | | |
| | 11. THIS I | TEM ONLY APPLIES TO | AMEN | <u>OMEI</u> | NTS OF SOLICITATI | ONS | | |
| | The above numbered solicitation is amen must acknowledge receipt of this amend | | | | | s extended, | | ot extended. |
| referen | | t, and is received prior to the openin ITA (If required) 50,000 (Complete)(T/A 1 APPLIES ONLY TO MC ES THE CONTRACT/OR | ng hour and 5) DIFICA DER NO | TION | ecified. S OF CONTRACTS/ DESCRIBED IN ITE | ORDERS, M 14. | | |
| X | B. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORTH | ACT/ORDER IS MODIFIED TO RE IN ITEM 14, PURSUANT TO THE A | FLECT THE | ADMIN OF FA | NISTRATIVE CHANGES (such | n as changes in | n paying o | ffice, |
| | C. THIS SUPPLEMENTAL AGREEM | ENT IS ENTERED INTO PURSUAI | NT TO AUT | HORIT | OF: | | | |
| | | | | | | | | |
| 14. DE T B | PORTANT: Contractor X is not recessoription of AMENDMENT/MODIFIE he purpose of this modificat .3, Contract Funding, is rest | CATION (<i>Organized by UCF section</i> ion is to obligate an additional attention as follows: | n headings, tional \$1 | includin 50,00 | | | | thereof, |
| "E | 3.3 CONTRACT FUNDIN | G (NASA 18-52.232-81)(| JUN 199 | 0) | | | | |
| F | or purposes of payment of c | ost in accordance with th | ne limitat | ion o | f funds clause, the to | tal amoun | t | |
| 5 | t as provided herein, all terms and condit | (CONTINUED ON | | | | unchanged an | d in full for | re and effect |
| | NAME AND TITLE OF SIGNER (Type or | | 16A. I | IAME A | ND TITLE OF CONTRACTINEY D. EVANS | | | |
| 158. (| CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. 1 | U | CAN CASON TO SERVICE STREET | ln(| | TE SIGNED B 2 2 200 |
| Nest 7 | (Signature of person authorized to sign | | 30 105 | (S | ignature of Contracting Officer | | M 30 /D- | w 10.83\ |
| NON / | ' 540- 01-152-8070 | | 30-105 | | 31Ar | IDARD FOR | 171 JU (178 | v. 10-00) |

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

| | Amount Through Mod. No. 30 | Mod. No. 31 | Amount Through Mod. No. 31 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$ 0 | \$10,115,000 |

| | Amount Through Mod. No. 30 | Mod. No. 31 | Amount Through Mod. No 31 |
|----------------|----------------------------|-------------|------------------------------|
| Estimated Cost | \$ 3,532,611 | \$150,000 | \$ 3,682,611 |

| | | | OMB A | Approval #: 270. 42 | |
|-----------|--|---|---------------------|---|-------------------------------------|
| | IDMENT OF SOLICITATION | MODIFICATION OF CO | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| | IDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQUISIT | ION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
| 6 10011 | 32 ED BY CODE | FEB 2 8 2000 | 7 ADMINIST | RCA.1053 ERED BY (If other than Item 6) | CODE |
| 6. ISSUE | ED BY CODE | 1 2 2 0 2000 | 7. AUMINIST | ERED BY (II Other than Nem o) | CODE |
| Ma | tional Assancetion and Coope | Administration | ! | | |
| | tional Aeronautics and Space | Administration | | | |
| | ngley Research Center | | ł | | |
| на | mpton, VA 23681-0001 | | | | |
| 8. NAME | AND ADDRESS OF CONTRACTOR (No | ., street, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. |
| •• •• | • | | | | |
| Th | e Boeing Co. | | | | |
| | ormation, Space, and Defense | e Systems Group (ISDS) | .] | 9B. DATED (SEE ITEM 11) | |
| | O. Box 3999 | | İ | | |
| | attle, WA 98124 | | | 10A. MODIFICATION OF CO | NTRACT/ORDER NO. |
| 00 | attic, *** 00124 | | X | NAS1-20341 | |
| | | | ^ | 10.00.20041 | |
| | | | 1 | 10B. DATED (SEE ITEM 13) | |
| CODE | FAC | ILITY CODE | | 6/07/96 | |
| | 11 TUIC ITE | M ONLY APPLIES TO A | MENDME | | NS |
| | | | | F-1 | |
| T | he above numbered solicitation is amende | d as set forth in Item 14. The hour a | and date specific | ed for receipt of Offers is e | extended, is not extended. |
| Offers fr | nust acknowledge receipt of this amendme | nt phor to the hour and date specific | ed in the solicital | tion of as amended, by one of the | iolowing methods. |
| (a) By co | ompleting Items 8 and 15, and returning | copies of the amendment; (b) E | y acknowledgin | g receipt of this amendment on e | ach copy of the offer submitted; or |
| (c) By se | eparate letter or telegram which includes a PLACE DESIGNATED FOR THE RECEIP | reference to the solicitation and arm | HENDRICH NUMBER | ers. FAILURE OF YOUR ACKNO SOPPOISED MAY BESLILT IN BE | AWLEDGEMENT TO BE RECEIVED |
| virtue of | this amendment you desire to change an | offer already submitted, such change | e may be made | by telegram or letter, provided ea | ch telegram or letter makes |
| referenc | e to the solicitation and this amendment, a | nd is received prior to the opening i | nour and date sp | pecified. | |
| | COUNTING AND APPROPRIATION DATA | | | | |
| PF | R: RCA.1053; R26266; \$315 | | | | |
| | | PPLIES ONLY TO MOD | | | |
| | IT MODIFIES | THE CONTRACT/ORD | ER NO. AS | DESCRIBED IN ITEM | 14. |
| (x) | A. THIS CHANGE ORDER IS ISSUED P | URSUANT TO: (Specify authority) | THE CHANGE | S SET FORTH IN ITEM 14 ARE I | MADE IN THE CONTRACT ORDER |
| | NO. NATIZIA TOA. | | | | |
| X | D. THE 400LE NUMBER OF CONTRACT | TODOCO IO MODISIED TO RESI | FOT THE ADAM | NICTOATRE CHANCES (much o | an changes in neving office |
| ^ | B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN | TORDER IS MODIFIED TO REFL ITEM 14. PURSUANT TO THE AU | THORITY OF F | NISTRATIVE CHANGES (<i>sucit a.</i> AR 43.103(b). | s changes in paying onice, |
| | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMEN | IT IS ENTERED INTO PURSUANT | TO AUTHORIT | Y OF: | |
| | | | | | |
| | | | | | |
| E. IMI | PORTANT: Contractor X is not require SCRIPTION OF AMENDMENT/MODIFICA | red to sign this document and re | turn co | pies to the issuing office. | atter whom for other 1 |
| | | | | | |
| | ne purpose of this modification | | 11a1 \$3 15,01 | oo in ilicremental fundi | ng. As a result thereof, |
| В. | 3, Contract Funding, is restate | ed as follows: | | | |
| | A CONTRACT FUNDING | (NA CA 40 FO 000 04)/II | IN 4000) | | , |
| -E | 3.3 CONTRACT FUNDING | (NASA 18-52.232-81)(JU | JN 1990) | | |
| _ | , | | 15 16 41 | | |
| F | or purposes of payment of cos | st in accordance with the | limitation of | of funds clause, the tota | il amount |
| | • | | | | |
| | | (CONTINUED ON A | | | abana and in full force and affect |
| | as provided herein, all terms and condition | | | heretofore changed, remains und AND TITLE OF CONTRACTING | |
| IDA. N | IAME AND TITLE OF SIGNER (Type or pri | ny . | 1 | EY D. EVANS | Or riburt (17pe or print) |
| | | | Suiki | -LI D. LVANO | |
| 150 0 | ONTRACTORIOSESPOR | 15C. DATE SIGNED | 160 LINITE | D STATES OF AMERICA | 16C. DATE SIGNED |
| 15B. C | ONTRACTOR/OFFEROR | ISC. UNIE SIGNED | 100. UNITED | SINIES OF AMERICA | |
| | | | BY | Strively Vill | QKI 2-28-01 |
| | (Signature of person authorized to sign) | | (5 | Signature of Contracting Officer) | |
| | 540-01-152-8070 | 30 | -105 | _ | ARD FORM 30 (Rev. 10-83) |
| PREVI | OUS EDITION UNUSABLE | | | | ed by GSA |
| | | | | FAR (48 | CFR) 53.243 |



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

| | Amount Through Mod. No. 31 | Mod. No. 32 | Amount Through Mod. No. 32 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$ 0 | \$10,115,000 |

| | Amount Through Mod. No. 31 | Mod. No. 32 | Amount Through Mod. No 32 |
|----------------|----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 3,682,611 | \$315,000 | \$ 3,997,611 |

| | | | 0 | MB A | pproval #: 2700-0042 | | | |
|---|--|---|---|--|--|-------------------|---|--|
| | | ION/MODIFICATION OF CO | | | 1. CONTRACT ID CODE | l | 1 | OF PAGES 2 |
| 2. AME | NDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQ | JISITK | ONPURCHASE REQ. NO. | 5. PROJE | CT NO | . (If applicable) |
| 6. ISSL | 33 JED BY C | ODE MAR 1 0 2000 | 7. ADM | NISTE | OH.1002 RED BY (If other than Item 6) | CODE | · · · · · | |
| Na La | ational Aeronautics and Sp angley Research Center ampton, VA 23681-0001 | pace Administration | | | , , | | L | |
| 8. NAM | E AND ADDRESS OF CONTRACTO | R (No., street, county, State, and Zip Co | ote) | (x) | 9A. AMENDMENT OF SOLIC | ITATION NO |). | |
| In P. | ne Boeing Co. formation, Space, and De O. Box 3999 eattle, WA 98124 | fense Systems Group (ISDS |) | X | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO NAS1-20341 10B. DATED (SEE ITEM 13) | NTRACT/OF | RDER N | Ю. |
| CODE | | FACILITY CODE | | | 6/07/96 | | | • |
| | 11. THIS | SITEM ONLY APPLIES TO | AMEND | MEN | 1 | NS | | |
| (a) By (c) By s (c) By s AT THI virtue or referen 12. AC | must acknowledge receipt of this ame completing Items 8 and 15, and return separate letter or telegram which include PLACE DESIGNATED FOR THE RIF IT ITEM TO THE RIF ITEM TO T | nended as set forth in Item 14. The hour and ment prior to the hour and date specification and are copies of the amendment; (b) ides a reference to the solicitation and an ECEIPT OF OFFERS PRIOR TO THE He are an offer already submitted, such change the end is received prior to the opening DATA (If required) 00,000 (Complete)(T/A 17) MAPPLIES ONLY TO MODIES THE CONTRACT/ORD JED PURSUANT TO: (Specify authority) ITRACT/ORDER IS MODIFIED TO REFLICH IN ITEM 14, PURSUANT TO THE AUTHORITY IS ENTERED INTO PURSUANT | ed in the so By acknowled nendment in OUR AND I Is may be in hour and do OUFICAT ER NO. THE CHA | edging umber DATE nade bate spotential Spote | on or as amended, by one of the preceipt of this amendment on ends. FAILURE OF YOUR ACKNOW SPECIFIED MAY RESULT IN RESTRICT OF CONTRACTS/ODESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE ASSET FORTH IN ITEM 14 ASSET FORTH IN ITEM | RDERS, MADE IN TH | ethods: the offer ENT TC DF YOU or letter | r submitted; or O BE RECEIVED IR OFFER. If by r makes |
| 14. DE T B "E | he purpose of this modific .3, Contract Funding, is re 3.3 CONTRACT FUNDI or purposes of payment of | NG (NASA 18-52.232-81)(JU f cost in accordance with the (CONTINUED ON Additions of the document referenced in the | JN 1990 Ilmitation ATTACH m 9A or 10 16A. NA | O,00 On of HED A, as I | 0 in incremental funding funds clause, the total PAGE) | ng. As a | resul | t thereof, |
| | | | BY | Mi | Wen Divan | | | R 1 0 200 |
| | (Signature of person authorized to s | ign) | | (Si | gnature of Contracting Officer) | 4 | | |
| NSN 7 | 540-01-152-8070 | 30 | -105 | | STAND | ARD FORM | 1 30 (R | ev. 10-83) |

(Signature of person authorized to sign)
NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

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

The state of the s



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

| | Amount Through Mod. No. 32 | Mod. No. 33 | Amount Through Mod. No. 33 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

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

| | | | | o | MB A | pproval #: 270ْل عـــــ2 | | | |
|---|--|--|---|--|---|---|---|----------------------------------|-----------------------------|
| AMEN | IDMENT OF SOLICITATION | ON/MODIF | ICATION OF CO | ONTRAC | T | 1. CONTRACT ID CODE | P 1 | AGE OF | PAGES 2 |
| | NOMENT/MODIFICATION NO. | | CTIVE DATE | 4. REQ | JISITI | ONPURCHASE REQ. NO. See Page 2 | 5. PROJEC | CT NO. (| (If applicable) |
| 6. ISSU | | | ≈ 4 2000 | 7. ADMI | NISTE | RED BY (If other than Item 6) | CODE | | |
| La | ntional Aeronautics and Spa ngley Research Center ampton, VA 23681-0001 | ice Admin | istration | | | | | | |
| 8. NAM | E AND ADDRESS OF CONTRACTOR | (No., street, c | ounty, State, and Zip Co | de) | (x) | 9A. AMENDMENT OF SOLICE | TATION NO. | | |
| Inf P. | ne Boeing Co. formation, Space, and Defe O. Box 3999 eattle, WA 98124 | ense Syste | ms Group (ISDS |) | X | 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF COI NAS1-20341 | NTRACT/OR | DER NO |). |
| | | | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | ł de la de l | FACILITY CO | | AMENIO | 145 | 6/07/96 NTS OF SOLICITATIO | NC | | |
| (a) By co (c) By s AT THE virtue of reference | nust acknowledge receipt of this amend completing items 8 and 15, and returnin eparate letter or telegram which include PLACE DESIGNATED FOR THE REG f this amendment you desire to change to the solicitation and this amendment COUNTING AND APPROPRIATION DIEP Page 2 | gcopie es a reference CEIPT OF OFF an offer alrea nt, and is rece ATA (If require | s of the amendment; (b) to the solicitation and ar FERS PRIOR TO THE H by submitted, such chang ived prior to the opening ic) | By acknowlinendern rough AND in the contract of the contract o | edging numbe DATE nade t ate sp | g receipt of this amendment on e rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RE by telegram or letter, provided ea | ach copy of the MALEDGEME EJECTION On the telegram of telegram of the telegram of telegram | ne offer s INT TO I F YOUR | BE RECEIVED OFFER. If by |
| | | | | | | DESCRIBED IN ITEM | | | |
| (x) | A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 10A. | | | | | | | CONTI | RACT ORDER |
| X | B. THE ABOVE NUMBERED CONT appropriation date, etc.) SET FORTH | RACT/ORDER | R IS MODIFIED TO REFI PURSUANT TO THE AL | ECT THE | ADMIN OF FA | NISTRATIVE CHANGES (such as R 43.103(b). | s changes in | paying b | Псе, |
| | C. THIS SUPPLEMENTAL AGREEN | ENT IS ENT | ERED INTO PURSUANT | TO AUTH | ORIT | (OF: | · | · | |
| E. IM | PORTANT: Contractor X is not re | quired to sig | n this document and re | eturn | cop | ies to the issuing office. | | | |
| 14. DE | SCRIPTION OF AMENDMENT/MODIF he purpose of this modifica .3, Contract Funding, is res | tion is to (| panized by UCF section in obligate an addition | neadings, ir | oludin 0,00 | g solicitation/contract subject me 10 in incremental fundir | ntter where fe ng. As a | <i>esible.)</i> result | thereof, |
| | 3.3 CONTRACT FUNDIN | | | | | | | | |
| F | or purposes of payment of | | cordance with the | | | | ı amount | | |
| | t as provided herein, all terms and cond NAME AND TITLE OF SIGNER <i>(Type o</i> | itions of the d | ocument referenced in the | 9A or 10 | A, as | heretofore changed, remains und ND TITLE OF CONTRACTING (EY D. EVANS | | | |
| 158. (| CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | 168. U | HITE | STATES OF AMERICA | , | 16C. DA | TE SIGNED |
| | | | | ВУ _ | | huley 1. Clar | 24 | MAI | R 2 4 2000 |
| MONT | (Signature of person authorized to sk | n) | 34 |)-10 5 | (S | ignature of Contracting Officer) | ARD FORM | • • • • • | |
| | /540-01-152-8070 IOUS EDITION UNUSABLE | | 34 | <i>-</i> 100 | | Prescribe | ed by GSA CFR) 53.243 | (TE | iv. 10-00) |



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

| | Amount Through Mod. No. 33 | Mod. No. 34 | Amount Through Mod. No. 34 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 33 | Mod. No. 34 | Amount Through Mod. No 34 |
|----------------|----------------------------|-------------|------------------------------|
| Estimated Cost | \$ 4,197,611 | \$680,000 | \$ 4,877,611 |

| | | <u> </u> | OMB A | pproval #: 2700-0042 | |
|------------|--|--|--------------------|----------------------------------|-------------------------------------|
| AME | NDMENT OF SOLICITATION | MODIFICATION OF CO | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| | NOMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | | ON/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
| | 35 | | | 1256; RA.1257 | (ii applicazio) |
| 6. ISSU | | | | RED BY (If other than Item 6) | CODE |
| | | | | • | <u> </u> |
| Nic | ational Aeronautics and Space | Administration | | | |
| | ngley Research Center | Administration | | | |
| | | | | | |
| Ha | impton, VA 23681-0001 | | | • | |
| Q NIANA | E AND ADDRESS OF CONTRACTOR (No | street county State and Zin Cod | h) (w) | 9A. AMENDMENT OF SOLIC | ITATION NO |
| O. 140-44 | E AND ADDRESS OF CONTRACTOR (NO | ., Sueet, County, State, and Zip Cou | e) (x) | SA. AVIENDIVIENT OF SOLIC | TATION NO. |
| ~ ∟ | a Basina Os | | | | |
| | e Boeing Co. | | 1 | | |
| Int | formation, Space, and Defense | e Systems Group (ISDS) | | 9B. DATED (SEE ITEM 11) | |
| Ρ. | O. Box 3999 | | | 1 | |
| Se | eattle, WA 98124 | | | 10A. MODIFICATION OF CO | NTRACT/ORDER NO. |
| | · | | l x | NAS1-20341 | |
| | | | | | |
| | | | | 10B. DATED (SEE ITEM 13) | |
| CODE | FAC | ILITY CODE | | 6/07/96 | |
| | | | 10000 | | NO |
| | 11. IHIS ITE | M ONLY APPLIES TO A | WENDWE | TIS OF SOLICITATIO | NS |
| ┖ | he above numbered solicitation is amended | as set forth in Item 14. The hour a | nd date specifie | d for receipt of Offers is a | extended, is not extended. |
| Offers r | nust acknowledge receipt of this amendmen | nt prior to the hour and date specifie | d in the solicitat | ion or as amended, by one of the | following methods: |
| | | | | | |
| (a) By c | ompleting Items 8 and 15, and returning eparate letter or telegram which includes a | copies of the amendment; (b) E | y acknowledging | receipt of this amendment on e | ach copy of the offer submitted; or |
| | PLACE DESIGNATED FOR THE RECEIP | | | | |
| | f this amendment you desire to change an o | | | | ch telegram or letter makes |
| | ce to the solicitation and this amendment, a | | our and date sp | ecified. | |
| | COUNTING AND APPROPRIATION DATA | | 000 (0 | | |
| P | R: RA.1256; R26302; \$140,000 | | | | |
| | | PPLIES ONLY TO MODI | | | • |
| | | THE CONTRACT/ORD | | | |
| (x) | A. THIS CHANGE ORDER IS ISSUED P | JRSUANT TO: (Specify authority) | THE CHANGES | S SET FORTH IN ITEM 14 ARE | MADE IN THE CONTRACT ORDER |
| | NO. IN ITEM 10A. | | | | |
| | | | | | |
| X | B. THE ABOVE NUMBERED CONTRAC | | | | s changes in paying office, |
| | appropriation date, etc.) SET FORTH IN I | TEM 14, PURSUANT TO THE AUT | HORITY OF FA | R 43.103(b). | |
| | C. THIS SUPPLEMENTAL AGREEMEN | T IS ENTERED INTO PURSUANT | TO AUTHORIT | / OF: | |
| | o. This out recite the force of the contract o | | | · • · · | |
| | | | | | |
| | | | | | <u> </u> |
| | PORTANT: Contractor X is not require | | urn cop | ies to the issuing office. | |
| | SCRIPTION OF AMENDMENT/MODIFICAT | | • | • | • |
| | he purpose of this modification | _ | nai \$300,00 | 0 in incremental fundir | ng. As a result thereof, |
| В | .3, Contract Funding, is restate | ed as follows: | | | |
| | | | | | |
| "E | 3.3 CONTRACT FUNDING | (NASA 18-52,232-81)(JU | IN 1990) | | |
| _ | | | , | | |
| - | or purposes of payment of cos | t in accompance with the | limitation o | f funds clause the tota | Lamount |
| Г. | or purposes or payment or cos | in accordance with the | auon O | i iunus ciause, liie lülä | i amount |
| | | (CONTINUED ON A | TT 4 C1 1 C C | BAGE) | |
| = | | (CONTINUED ON A | | | |
| | as provided herein, all terms and conditions | | | | |
| IDA. N | IAME AND TITLE OF SIGNER (Type or prin | ry | | ND TITLE OF CONTRACTING | JERIGER (1 ype or print) |
| | | | SHIRL | EY D. EVANS | |
| | | | | \bigcap , | |
| 158. C | ONTRACTOR/OFFEROR | 15C. DATE SIGNED | 168. UNITED | STATES OF AMERICA | 16C. DATE SIGNED |
| | | | l (| VI. 1. 1 1.1. | 11001 1 31 |
| | | | BY | | MS 4-26-00 |
| | (Signature of person authorized to sign) | | <u> </u> | gnature of Confracting Officer) | |
| | 540-01-152-8070 OUS FOITION UNUSARI F | 30- | 105 | | ARD FORM 30 (Rev. 10-83) |
| FKEV | OUS EDITION UNUSABLE | | | | ed by GSA |
| | | | | FAR (48) | CFR) 53.243 |

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."

CONTRACT SUMMARY

| | Amount Through Mod. No. 34 | Mod. No. 35 | Amount Through Mod. No. 35 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$ 10.115.000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 34 | Mod. No. 35 | Amount Through Mod. No 35 |
|----------------|----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 4 ,877,611 | \$300,000 | \$ 5,177,611 |

| | <u> </u> | | | | <u> </u> | AID V | 4 CONTRACT ID CODE | -1 | PAGE OF PAGES |
|---|---|--|---|--|--------------------------------------|------------------------|--|-----------------------|---|
| ARER | NDMENT OF SOLICITAT | ION/MOD | IEICATION | N OF CO | NTRAC | :T | 1. CONTRACT ID CODE | İ | PAGE OF PAGES 1 2 |
| | NDMENT/MODIFICATION NO. | 3. EF | FECTIVE DAT | Έ | 4. REQU | JIŠITI | ON/PURCHASE REQ. NO. | 5. PROJ | CT NO. (If applicable) |
| | 36 | M | AY - 1 | 2000 | | | RCD.1076 | | |
| 6. ISSU | ED BY | ODE | 1 | 2000 | 7. ADMI | NISTE | RED BY (If other than Item 6) | CODE | |
| La | ational Aeronautics and S ingley Research Center ampton, VA 23681-0001 | pace Admi | nistration | | | | | | |
| O NIANA | E AND ADDRESS OF CONTRACTO | OP (No. street | county State | and Zin Code | a) | (x) | 9A. AMENDMENT OF SOLICI | TATION NO | <u> </u> |
| | ne Boeing Co. | JK (140., 30 66), | county, state, | and zip ooo | | (^) | JA. Permitteriorial (1) | | |
| In | formation, Space, and De O. Box 3999 | fense Syst | tems Grou | p (ISDS) | | : | 9B. DATED (SEE ITEM 11) | | |
| | eattle, WA 98124 | | | | Ī | | 10A, MODIFICATION OF CO | NTRACT/O | RDER NO. |
| | | | | | | X | NAS1-20341 | | |
| | | | | | | | 10B. DATED (SEE ITEM 13) | | • |
| CODE | | FACILITY C | ODE | | | | 6/07/96 | | |
| | 11, THI | S ITEM ON | NLY APPL | IES TO A | MEND | MEN | NTS OF SOLICITATIO | NS | |
| Offers | The above numbered solicitation is an must acknowledge receipt of this arm | mended as set | forth in Item 14 | I. The hour a | ind date sp | ecifie | d for receipt of Offers is e | xtended, | is not extended. nethods: |
| (c) By s AT THI virtue o referen 12. AC | completing Items 8 and 15, and return separate letter or telegram which incle PLACE DESIGNATED FOR THE Foir this amendment you desire to chance to the solicitation and this amendment COUNTING AND APPROPRIATION R: RCD.1076; R26166; \$ | udes a reference RECEIPT OF OI ge an offer alre- ment, and is rec I DATA (If requi | ce to the solicity FFERS PRIOR rady submitted, ceived prior to to ired) | ation and ame TO THE HO such change the opening h | endment n OUR AND (e may be n | umbe DATE nade b | SPECIFIED MAY RESULT IN RE by telegram or letter, provided ea | WLEDGEN EJECTION (| MENT TO BE RECEIVED OF YOUR OFFER. If by |
| г | | | | | FICAT | ION | S OF CONTRACTS/O | RDFRS | |
| | | | | | | | DESCRIBED IN ITEM | | |
| (x) | A. THIS CHANGE ORDER IS ISS NO. IN ITEM 10A. | UED PURSUA | NT TO: (Spec | ify authority) | THE CHA | NGES | S SET FORTH IN ITEM 14 ARE ! | WADE IN TH | HE CONTRACT ORDER |
| × | B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR | NTRACT/ORDI | ER IS MODIFIE I, PURSUANT | ED TO REFLE TO THE AUT | ECT THE A | ADMIN OF FA | NISTRATIVE CHANGES (such as IR 43.103(b). | s changes i | n paying office, |
| | C. THIS SUPPLEMENTAL AGRE | EMENT IS EN | TERED INTO | PURSUANT | TO AUTH | ORIT | (OF: | | |
| | | | | | | | | | |
| E. IM | PORTANT: Contractor X is not ESCRIPTION OF AMENDMENT/MO | required to si | ign this docur | ment and ret | turn eadings in | _ cop | ies to the issuing office. | tter where | feasible) |
| Т | the purpose of this modified the purpose of the second | cation is to | obligate a | | | | | | |
| "[| B.3 CONTRACT FUND | ING (NAS | A 18-52.23 | 32-81)(JL | JN 1990 | 0) | | | |
| F | or purposes of payment of | of cost in a | ccordance | with the | limitatio | on o | f funds clause, the tota | I amoun | t |
| Excen | t as provided herein, all terms and co | | CONTINU | | | | | changed and | d in full force and effect. |
| | NAME AND TITLE OF SIGNER (Typ | | | | 16A. N | ME A | ND TITLE OF CONTRACTING | | |
| 15B. (| CONTRACTOR/OFFEROR | | 15C. DATE | SIGNED | 16B. UI | VITED | STATES OF AMERICA | | 16C. DATE SIGNED |
| | | | | | BY _ | 1 | Shuley Do Wik | uns | 5-1-00 |
| | (Signature of person authorized to | sign) | | | 1 | (S | ignature of Contracting Officer) | | |

30-105



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."

CONTRACT SUMMARY

| | Amount Through Mod. No. 35 | Mod. No. 36 | Amount Through Mod. No. 36 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 35 | Mod. No. 36 | Amount Through Mod. No 36 |
|----------------|----------------------------|-------------|------------------------------|
| Estimated Cost | \$ 5,177,611 | \$100,000 | \$ 5,277,611 |

| | | OMB A | pproval #:0042 | |
|---|--|--|--|---|
| AMENDMENT OF SOLICITATIO | N/MODIFICATION OF CO | ONTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AMENDMENT/MODIFICATION NO. 37 | MAY 2 2 2000 | 4. REQUISITION | ON/PURCHASE REQ. NO. OH.1017 | 5. PROJECT NO. (If applicable) |
| 6. ISSUED BY COD | | 7. ADMINISTE | RED BY (If other than Item 6) | CODE |
| National Aeronautics and Spac Langley Research Center Hampton, VA 23681-0001 | ce Administration | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (| No., street, county, State, and Zip Co | de) (x) | 9A. AMENDMENT OF SOLIC | CITATION NO. |
| The Boeing Co. Information, Space, and Defer P. O. Box 3999 Seattle, WA 98124 | nse Systems Group (ISDS |) x | 98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO NAS1-20341 10B. DATED (SEE ITEM 13) | |
| CODE | ACILITY CODE | | 6/07/96 | ' |
| 5552 | TEM ONLY APPLIES TO | AMENDME | | ONS |
| IT MODIFIE | copies of the amendment; (b) s a reference to the solicitation and ar EIPT OF OFFERS PRIOR TO THE Hun offer already submitted, such chang t, and is received prior to the opening TA (if required) OO (Complete)(T/A 20) APPLIES ONLY TO MODES THE CONTRACT/ORD DESTHE CONTRACT/ORD DESTINE ONLY TO REFINANT TO: (Specify authority) MACT/ORDER IS MODIFIED TO REFINITEM 14, PURSUANT TO THE AUTHORITION TO THE AUTHORITI | bed in the solicitat By acknowledging mendment number OUR AND DATE ge may be made to hour and date sp DIFICATION DER NO. AS THE CHANGES LECT THE ADMINITHORITY OF FA | ion or as amended, by one of the greceipt of this amendment on its. FAILURE OF YOUR ACKN SPECIFIED MAY RESULT IN Foy telegram or letter, provided electrical. SOF CONTRACTS/CON | each copy of the offer submitted; or IOWLEDGEMENT TO BE RECEIVED REJECTION OF YOUR OFFER. If by each telegram or letter makes ORDERS, M 14. E MADE IN THE CONTRACT ORDER |
| E. IMPORTANT: Contractor X is not rec | quired to sign this document and re | eturn cop | ies to the issuing office. | |
| 14. DESCRIPTION OF AMENDMENT/MODIFIED The purpose of this modificat B.3, Contract Funding, is rest "B.3 CONTRACT FUNDIN For purposes of payment of contract funding is rest | ion is to obligate an addition ated as follows: G (NASA 18-52.232-81)(J | onal \$25,000 UN 1990) |) in incremental fundir | ng. As a result thereof, |
| | (CONTINUED ON | ATTACHED | PAGE) | |
| Except as provided herein, all terms and condit 15A. NAME AND TITLE OF SIGNER (Type or | | 16A. NAME A | IND TITLE OF CONTRACTING EY D. EVANS | G OFFICER (Type or print) |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | BY | STATES OF AMERICA) | |
| (Signature of person authorized to sign | | | ignature of Contracting Officer) | |
| NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE | 3(| 0-105 | | DARD FORM 30 (Rev. 10-83) bed by GSA |

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."

CONTRACT SUMMARY

Amount Through Amount Through Mod. No. 36 Mod. No. 37 Mod. No. 37

Estimated Cost \$10,115,000 \$0 \$10,115,000

FUNDING SUMMARY

Amount Through Amount Through Mod. No. 36 Mod. No 37 Mod. No. 37 \$ 5,277,611 \$25,000 **Estimated Cost** \$ 5,302,611

| | | | OMB | Approval #: 270\ .42 | |
|--|--|--|--------------------|---|--------------------------------------|
| | NDMENT OF SOLICITATION | | NTRACT | 1. CONTRACT ID CODE | PAGE OF PAGES 1 2 |
| 2. AME | NDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | | ION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable |
| | 58 CODE | MAY 2 6 2000 | | .1023; RDA.1049 ERED BY (If other than Item 6) | CODE |
| 6. ISSU | ED BY CODE | 2.00.00 | 7. ADMINIST | ERED BY (II OUTOR DIGHT ROTH O) | |
| La | ational Aeronautics and Spac Ingley Research Center Ampton, VA 23681-0001 | e Administration | | | |
| 8. NAM | E AND ADDRESS OF CONTRACTOR (A | No., street, county, State, and Zip Coo | de) (x) | 9A. AMENDMENT OF SOLIC | ITATION NO. |
| | | | | | |
| The Boeing Co. Information, Space, and Defense Systems Group (ISDS) P. O. Box 3999 | | |) | 9B. DATED (SEE ITEM 11) | |
| Se | eattle, WA 98124 | | | 10A. MODIFICATION OF CO | INTRACT/ORDER NO. |
| | • | | X | NAS1-20341 | |
| | | | ļ | 400 DATED (CEE ITEM 42) | |
| | | | | 10B. DATED (SEE ITEM 13) | |
| CODE | [· · · | ACILITY CODE | | 6/07/96 | |
| | 11. THIS IT | EM ONLY APPLIES TO | AMENDME | NTS OF SOLICITATION | NS |
| | The above numbered solicitation is amend | led as set forth in Item 14. The hour | and date specifi | ed for receipt of Offers is | extended, is not extended. |
| Offers | must acknowledge receipt of this amendm | ent prior to the hour and date specifi | ed in the solicita | tion or as amended, by one of the | e following methods: |
| _ | | | D | a receipt of this amendment on | each copy of the offer submitted; or |
| (a) By | completing Items 8 and 15, and returning separate letter or telegram which includes | a reference to the solicitation and an | nendment numb | ers. FAILURE OF YOUR ACKN | OWLEDGEMENT TO BE RECEIVI |
| AT THE | PLACE DESIGNATED FOR THE RECE | IPT OF OFFERS PRIOR TO THE H | OUR AND DATE | SPECIFIED MAY RESULT IN R | EJECTION OF YOUR OFFER. IT |
| virtue o | f this amendment you desire to change ar | n offer already submitted, such chang | e may be made | by telegram or letter, provided ea | ich telegram or letter makes |
| referen | ce to the solicitation and this amendment, | A (If required) | nour and date s | pecilied. | |
| 12. AC | R: RDA.1023; R24513; \$140, | .000 (Complete)(T/A 10) : | PR: RDA. | 1049; R24492; \$50,000 | ; R24510; \$45,000 |
| | Complete) (T/A 21) | ,000 (00p.0.0)(,,, | | , , , , | |
| | 13 THIS ITEM | APPLIES ONLY TO MOD | UEICATION | IS OF CONTRACTS/C | RDFRS |
| | | S THE CONTRACT/ORD | | | |
| (4) | A. THIS CHANGE ORDER IS ISSUED | PURSUANT TO: (Specify authority | THE CHANGE | S SET FORTH IN ITEM 14 ARE | MADE IN THE CONTRACT ORD |
| (x) | NO. IN ITEM 10A. | , one of the first terms, | , | | |
| | | | | | |
| X | B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH II | E ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, riation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | |
| | C. THIS SUPPLEMENTAL AGREEME | NT IS ENTERED INTO PURSUANT | TO AUTHORIT | Y OF: | |
| | G. TAIO GOLL EDINE (1772 NO. 122) | | | | |
| | | | | | |
| E IM | PORTANT: Contractor X is not requ | uired to sign this document and re | eturn co | pies to the issuing office. | |
| 14. DI | SCRIPTION OF AMENDMENT/MODIFIC | ATION (Organized by UCF section I | headings, includ | ing solicitation/contract subject m | atter where feasible.) |
| Т | he purpose of this modification | on is to obligate an addition | onal \$235,0 | 00 in incremental fund | ing. As a result thereof, |
| 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: | | | | | |
| _ | , Community and any | | | | |
| "B.3 CONTRACT FUNDING (NASA 18-52.232-81)(JUN 1990) | | | | | |
| B.O COMMON PONDENCE (CARDON POR CARDON POR C | | | | | |
| For purposes of payment of cost in accordance with the limitation of funds clause, the total amount | | | | | |
| • | о, рагроссо с. раушет с. с. | | | • | |
| | | (CONTINUED ON | ATTACHE |) PAGE) | |
| Excep | t as provided herein, all terms and condition | ons of the document referenced in ite | em 9A or 10A, a | s heretofore changed, remains ur | nchanged and in full force and effec |
| | | | | AND TITLE OF CONTRACTING | |
| | | | SHIR | LEY D. EVANS | |
| | | | | | |
| 15B. | CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITE | D STATES OF AMERICA | 16C. DATE SIGNED |
| | | | | Vailon 11. 7 | and 5 71 -8 |
| | (Signature of names authorized to sign) | | BY — | Signature of Contracting Officer) | 2/11 J. 26 O |
| NSN. | (Signature of person authorized to sign) | | D-105 | | DARD FORM 30 (Rev. 10-83) |

PREVIOUS EDITION UNUSABLE



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.*

CONTRACT SUMMARY

| | Amount Through Mod. No. 37 | Mod. No. 38 | Amount Through Mod. No. 38 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$0 | \$10,115,000 |

| | Amount Through Mod. No. 37 | Mod. No. 38 | Amount Through Mod. No 38 |
|----------------|----------------------------|-------------|---------------------------|
| Estimated Cost | \$ 5,302,611 | \$235,000 | \$ 5,537,611 |

| | <u> </u> | OMB A | \pproval #: ∠/00-0042 | | |
|---|---|--------------------------------------|--|-----------------|---------------------------|
| AMENDMENT OF SOLICITATION | MODIFICATION OF CO | NTRACT | 1. CONTRACT ID CODE | 1 | AGE OF PAGES |
| 2. AMENDMENT/MODIFICATION NO. | 3. EFFECTIVE DATE | 4. REQUISIT | ON/PURCHASE REQ. NO. | 5. PROJEC | T NO. (If applicable) |
| 39 | <u> </u> | | OG.1047 | <u> </u> | |
| 6. ISSUED BY CODE | JUN 2 6 ZUUU | 7. ADMINIST | ERED BY (If other than Item 6) | CODE | <u> </u> |
| National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001 | Administration | | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No | street, county, State, and Zip Coo | (x) | 9A. AMENDMENT OF SOLE | CITATION NO. | |
| The Boeing Co. | ,, <u>,</u> ,, | | | | |
| Information, Space, and Defense P. O. Box 3999 | e Systems Group (ISDS) | | 9B. DATED (SEE ITEM 11) | | |
| | | | 10A. MODIFICATION OF C | ONTRACT/ORD | ER NO. |
| Seattle, WA 98124 | | X | NAS1-20341 | | |
| | | ^ | 10B. DATED (SEE ITEM 13 | 1 | |
| 1500 | W.T. 0005 | | 1 | , | - |
| | ILITY CODE | 11515115 | 6/07/96 | | |
| | M ONLY APPLIES TO | | | 7N2 | 1 |
| The above numbered solicitation is amended Offers must acknowledge receipt of this amendment | i as set forth in Item 14. The hour and prior to the hour and date specific | and date specified in the solicitate | ed for receipt of Offers is tion or as amended, by one of the | extended, | is not extended. hods: |
| (a) 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. | 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 AGREEMEN | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | |
| | | | | | |
| E. IMPORTANT: Contractor X is not requir | ed to sign this document and re | turn <u>co</u> p | pies to the issuing office. | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION The purpose of this modification B.3, Contract Funding, is restate | i is to obligate an additio | | | | |
| "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 | | | | | |
| Except as provided herein, all terms and conditions | (CONTINUED ON A | | | nchanged and in | full force and effect |
| 15A. NAME AND TITLE OF SIGNER (Type or prin | | | ND TITLE OF CONTRACTING | | |
| | · v | | EY D. EVANS | | , |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED | STATES OF AMERICA | 16 | C. DATE SIGNED |
| | | BY | huley J. Wa | rl , | 6-26-00 |
| (Signature of person authorized to sign) | | (S | ignature of Contracting Officer) | | |

30-105

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243



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."

CONTRACT SUMMARY

| | Amount Through Mod. No. 38 | Mod. No. 39 | Amount Through Mod. No. 39 |
|----------------|----------------------------|-------------|----------------------------|
| Estimated Cost | \$10,115,000 | \$ 0 | \$10,115,000 |

| | Amount Through Mod. No. 38 | Mod. No. 39 | Amount Through Mod. No 39 |
|----------------|----------------------------|-------------|------------------------------|
| Estimated Cost | \$ 5,537,611 | \$250,000 | \$ 5,787,611 |