

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE: **J** PAGE OF PAGES: **1** of **2**

2. AMENDMENT/MODIFICATION NO.: **P00004** 3. EFFECTIVE DATE: **See Block 16c** 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (if applicable)

6. ISSUED BY: **United States Special Operations Command (SOAL-KB)**
7701 Tampa Point Blvd
MacDill AFB, FL 33621-5323
Valerie M. Romanchek
(813) 828-7335, email: romancv@socom.mil

7. ADMINISTERED BY (if other than item 6): **DCMA Chicago**
1523 West Central Road
Arlington Heights, IL 60005-2451

CODE: **USZA22** CODE: **S1403A**

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code):
Northrop Grumman Corporation
Electronic Systems
Defensive Systems Division
600 Hicks Road
Rolling Meadows, IL 60008-1098

9A. AMENDMENT OF SOLICITATION NO.
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO.: **USZA22-03-D-0005**
 10B. DATED (SEE ITEM 13): **24 January 2003**

CODE: **00512-8988** FACILITY CODE: **26916**

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (if required)
 Not Applicable
 Change

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

(v) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
FAR 52.243-1, Changes (Fixed Price)
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not X is required to sign this document and return 1 copies to the issuing office.

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

See page 2.

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

15A. NAME AND TITLE OF SIGNER (Type or print): **Contract Administrator Specialist Senior**

15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): **VALERIE M. ROMANCHEK CONTRACTING OFFICER**

15C. DATE SIGNED: **3/2/04**

15D. UNITED STATES OF AMERICA

15E. (Signature of Contracting Officer)

16C. DATE SIGNED: **3/3/04**

14. The purpose of this modification is to establish procedures to allow Northrop Grumman (NG) to provide "loaned equipment" to the Government as part of mitigation efforts to resolve the current mean-time-between-failure (MTBF) requirements of this contract. Only the Government can use this loaned equipment on MH-53 aircraft in the field; no other use or unrelated third party disclosure is authorized.

a. As partial consideration for the current MTBF problems with this contract and at no cost to the Government, NG hereby agrees to loan the following equipment to the Government. The corresponding values for these items have also been listed below.

<u>Item</u>	<u>Quantity</u>	<u>Unit Replacement Cost</u>	<u>Total Replacement Cost</u>
Small Laser Transmitter			

b. The Government's receipt of such equipment and/or material, and the use thereof, shall not be construed as a commitment on the part of the Government that a contract or order will be issued for this equipment, or a request that NG incur expenses in anticipation of a Government contract or order for this equipment.

c. Furthermore, receipt of such equipment and/or material does not imply or create a promise to pay an obligation, to give up any legal rights, or to assume any implied contractual obligation or other relationship such as would render the Government liable to pay for or to disclose, evaluate, or limit use of any information in the agreement to which the Government would otherwise lawfully be entitled, nor does this absolve NG of any obligation under this contract to ensure timely and compliant product delivery. By using this loaned equipment or agreeing to this modification, the Government does not waive its rights for timely and compliant product delivery under this contract.

d. The equipment and/or material shall remain the property of NG, unless procured by the Government under this or another contract.

e. The period of the loan shall be from the date of the delivery of the loaned equipment until current SLTA delivery delinquencies/shortages to the contract schedule on task order 0001 and 0002 have been corrected, or upon completion of all MH-53 SLTA deliveries under these task orders, whichever occurs first.

f. Delivery of the equipment and/or material to the Government shall be at the expense of NG. The loaned equipment and/or material will be shipped to a CONUS location identified by the Government.

g. Provided the loaned equipment and/or materials are not purchased under a separate contract prior to the end of the loan period, the equipment loaned will be returned to NG via commercial carrier, by the Government, on a Government bill of lading. The loaned equipment and/or material shall be shipped to the address in block 8 of the SF 30 (page 1 of this modification).

h. The equipment loaned will be handled according to Government rules for safeguarding such articles from unauthorized use and disclosure.

i. The loaned equipment is being provided to the Government "AS IS". NG makes no warranty as to the condition of the loaned equipment, or their suitability for the Government's intended use. ALL EXPRESS WARRANTIES, AS WELL AS THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS, ARE HEREBY DISCLAIMED.

j. NG shall not be liable to the Government for any direct or indirect damages arising out of, or related to, the use of the loaned equipment. The Government assumes the risk of, and shall be responsible for, any loss or damage to Government property, injury to its personnel, injury or death of any third party, and/or damage or loss to third party property arising out of or related to the Government's use of the loaned equipment.

k. Repair of Loaned equipment shall be covered under the ICS provision of this contract under task order 0002.

2. AMENDMENT/MODIFICATION NO. P00003 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE USZA22 United States Special Operations Command (SOAL-KB) 7701 Tampa Point Blvd MacDill AFB, FL 33621-5323 Jacqueline C. Foreid-Germain (813) 828-6877, email: foreidj@socom.mil 7. ADMINISTERED BY (If other than...) CODE S1403A DCMC Chicago 1523 West Central Road Arlington Heights, IL 60005-2451

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Northrop Grumman Corporation Electronic Systems Defensive Systems Division 600 Hicks Road Rolling Meadows, IL 60008-1098 CODE 00512-8988 FACILITY CODE 26916 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. USZA22-03-D-0005 10B. DATED (SEE ITEM 13) 24 January 2003

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

2. ACCOUNTING AND APPROPRIATION DATA (If required)
 Not Applicable

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

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE IN THE CONTRACT ORDER NO. IN ITEM 10A.
 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-1, Changes—Fixed Price (b)(4) Change
 D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

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

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) Contract Administration 15B. DATE SIGNED 2/12/04 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) VALERIE M. ROMANCHUK CONTRACTING OFFICER 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED 2/13/04
 (Signature of person authorized to sign) (Signature of Contracting Officer)

The purpose of this modification is to accomplish the following:

- (a) Change the SLTA Part Number under SLIN 0010AA, Group B Hardware under the basic contract, Delivery Orders 0001 and 0002 as follows:

FROM:

0010AA Group-B Hardware for Delivery Order (b)(4)
(FFP) 0001 IAW paragraph 3.11.1 of the SOW. One (1)
each of Group B Hardware consists of:
(2) SLTAs P/N: 001-007915A0102 or
P/N 001-007915B0102 (Black Transmitters) or
P/N 001-007915A0103 or
P/N 001-007915B0103
(1) CIU P/N: 001-007678-103
(1) Processor P/N: 001-007722-1001
(4) Sensors P/N: 001-007671-007
(2) Smart Cards P/N: 152-001478-002

TO:

0010AA Group-B Hardware for Delivery Order (b)(4)
(FFP) 0001 IAW paragraph 3.11.1 of the SOW. One (1)
each of Group B Hardware consists of:
(2) SLTAs P/N: 001-007915A0102 or
P/N 001-007915B0102 (Black Transmitters) or
P/N 001-007915A0103 or
P/N 001-007915B0103 or
P/N 001-007915A0201
(1) CIU P/N: 001-007678-103
(1) Processor P/N: 001-007722-1001
(4) Sensors P/N: 001-007671-007
(2) Smart Cards P/N: 152-001478-002

- (b) Any downward adjustment realized by the contractor from the value engineering change for the SLTA part number to a lampless configuration will be negotiated as soon as any final savings are calculated.

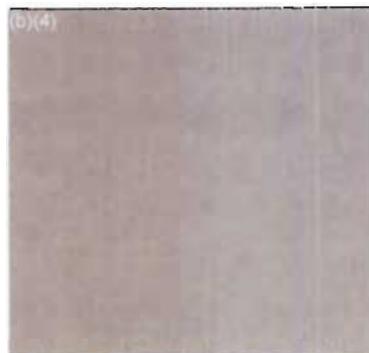
- (c) Group B Hardware, originally identified as a whole system under SLIN 0010AC of the basic contract has been changed and broken out by subcomponents. SLINs 0010AE, 0010AF, 0010AG and 0010AH have been added to identify each individual subcomponent and now reads as follows:

0010AC SLTA
P/N: 001-007915A0102 or
P/N: 001-007915A0103 or
P/N: 001-007915A0201

0010AE CIU
P/N: 001-007678-103

0010AF Processor
P/N: 001-007722-1001

0010AG Sensor



ORDER FOR SUPPLIES OR SERVICES

Contract No: USZA22-03-D-0005

Delivery Order Mod: P00003

P/N: 001-007671-007 or

P/N: 001-007671-008

0010AH Smart Cards
P/N: 152-001478-002

(b)(4)

(d) The following part number has been added to SLIN 0011AA for SLTAs: "or P/N: 001-007915A0201"

(e) CLIN 0012 Readiness Support Package (RSP) originally identified as a whole RSP under CLIN 0012 of the basic contract has been changed and broken out. SLINs 0012AA, 0012AB, 0012AC and 0012AD have been added to identify each individual subcomponent and now reads as follows:

0012 Readiness Support Package (RSP)
IAW paragraph 3.12 of the SOW

0012AA SLTA
P/N: 001-007915A0102 or
P/N: 001-007915A0103 or
P/N: 001-007915A0201

0012AB CIU
P/N: 001-007678-103

0012AC Processor
P/N: 001-007722-1001

0012AD Sensor
P/N: 001-007671-007 or
P/N: 001-007671-008

(b)(4)

(f) Provisioned Item Orders (PIO) are hereby established under SLIN 0013AB through 0013AF and added to the basic contract but only apply to Task Order 0002, Modification 000202.

0013AB SLTA
P/N: 001-007915A0102 or
P/N: 001-007915A0103 or
P/N: 001-007915A0201

0013AC CIU
P/N: 001-007678-103

0013AD Processor
P/N: 001-007722-1001

0013AE Sensor
P/N: 001-007671-007 or
P/N: 001-007671-008

0013AF Support Equipment
Consisting of:
(2) MEON
(2) MEON Tripods
(10) Laser Safety Goggles

(b)(4)

(b)(4)

ORDER FOR SUPPLIES OR SERVICES

Contract No: USZA22-03-D-0005

Delivery Order Mod: P00003

- (2) Humidity Indicator
- (24) Desiccators
- (2) Desiccator Plug
- (8) Hydrocarbon Filter
- (2) Hydrocarbon Filter Plug
- (2) Humidity Indicator Plug
- (2) Inward Relief Valve
- (6) Smart Cards

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1 CONTRACT ID CODE J		PAGE OF PAGES 1 2	
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2 AMENDMENT/MODIFICATION NO 00002	3 EFFECTIVE DATE See Block 16C	4 REQUISITION/PURCHASE REQ NO	5 PROJECT NO (If applicable)
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6 ISSUED BY United States Special Operations Command (SOAL-KB) 701 Tampa Point Blvd MacDill AFB, FL 33621-5325 Jacqueline C. Foreid-Germain (813) 828-6877. email: foreidi@socom.mil	CODE USZA22	7 ADMINISTERED BY (If other than Item 6) DCMC Chicago 1523 West Central Road Arlington Heights, IL 60005-2451	CODE S1403A
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8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Northrop Grumman Corporation Electronic Systems Defensive Systems Division 100 Hicks Road Rolling Meadows, IL 60008-1098 CODE 00512-8988 FACILITY CODE 26916	(*)	9A. AMENDMENT OF SOLICITATION NO
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO USZA22-03-D-0005
		10B. DATED (SEE ITEM 13) 24 January 2003

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:

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

2. ACCOUNTING AND APPROPRIATION DATA (If required)
Not Applicable

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

<input type="checkbox"/> A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/> B THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input checked="" type="checkbox"/> C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-1, Changes—Fixed Price (b)(4) Change
<input type="checkbox"/> D OTHER (Specify type of modification and authority)

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

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

See Attached

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

5A. NAME AND TITLE OF SIGNER (Type or print) Contracts Administrator Specialist Senior	15C. DATE SIGNED 092303	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jacqueline C. Germain	16C. DATE SIGNED 24 September 03
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

ORDER FOR SUPPLIES OR SERVICES

Contract No: USZA22-03-D-0005

Delivery Order Mod: P00002

Page 2 of 2

The purpose of this no cost modification is to change SLIN 0010AA, Group B Hardware for Delivery Order 0001, to add SLTA P/Ns. 001-007915A0103 or 001-007915B0103. SLIN 0010 AA is changed as follows:

0010AA Group-B Hardware for Delivery Order 0001 IAW paragraph 3.11.1 of the SOW. One (1)
(FFP) each of Group B Hardware consists of:
(2) SLTAs P/N: 001-007915A0102 or
P/N 001-007915B0102 (Black Transmitters) or
P/N 001-007915A0103 or
P/N 001-007915B0103
(1) CIU P/N: 001-007678-103
(1) Processor P/N: 001-007722-1001
(4) Sensors P/N: 001-007671-007
(2) Smart Cards P/N: 152-001478-002

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE J PAGE OF PAGES 1 | 2

2. AMENDMENT/MODIFICATION NO. P00001 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE USZA22 7. ADMINISTERED BY (if other than item 6) CODE S1403A
 United States Special Operations Command (SOAL-KB)
 7701 Tampa Point Blvd
 MacDill AFB, FL 33621-5323
 Jacqueline C. Foreid-Germain
 (813) 828-6877, email: foreidi@socom.mil
 DCMC Chicago
 1523 West Central Road
 Arlington Heights, IL 60005-2451

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
 Northrop Grumman Corporation
 Electronic Systems
 Defensive Systems Division
 600 Hicks Road
 Rolling Meadows, IL 60008-1098
 CODE 00512-8988 FACILITY CODE 26916
 (v) 9A. AMENDMENT OF SOLICITATION NO.
 9B. DATED (SEE ITEM 11)
 X 10A. MODIFICATION OF CONTRACT/ORDER NO.
USZA22-03-D-0005
 10B. DATED (SEE ITEM 13)
24 January 2003

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:

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

2. ACCOUNTING AND APPROPRIATION DATA (if required)

Not Applicable

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

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- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-1, Changes—Fixed Price (b)(4) Change
- D. OTHER (Specify type of modification and authority)

IMPORTANT: Contractor is not is required to sign this document and return 1 copies to the issuing office.

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

see attached continuation 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.

A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Contracts Administrator Specialist Senior 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jacqueline C. Germain
 15C. DATE SIGNED 25 June 2003 16B. UNITED STATES OF AMERICA (b)(6) 16C. DATE SIGNED 25 June 2003
 (Signature of person authorized to sign) (Signature of Contracting Officer)

ORDER FOR SUPPLIES OR SERVICES

Contract No: USZA22-03-D-0005

Delivery Order Mod: P00001

The purpose of the modification is to:

1. Add "or SLTA P/N 001-007915B0102 (Black Transmitters)" to SLIN 0010AA. Group B Hardware for Delivery Order 0001.
2. Correct SLIN 0010AA . Group B Hardware for Delivery Order 0001, Processor Part Number
FROM: 001-007727-1001 TO: 001-007722-1001
3. Correct SLIN 0010AC. Group B Hardware. Processor Part Number
FROM: 001-007727-1001 TO: 001-007722-1001
4. Add "or SLTA P/N 001-007915B0102 (Black Transmitters)" to SLIN 0011AA.
5. Correct SLIN 0011AC. Processor Part Number
FROM: 001-007727-1001 TO: 001-007722-1001
6. Correct CLIN 0012. Processor Part Number
FROM: 001-007727-1001 TO: 001-007722-1001

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTR. ID CODE: J PAGE OF PAGES: 1

2. AMENDMENT/MODIFICATION NO. PZ0001 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. Not Applicable 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE USZA22 7. ADMINISTERED BY (If other than Item 6) CODE S1403A
 United States Special Operations Command (SOAL-KB)
 7701 Tampa Point Blvd
 MacDill AFB, FL 33621-5323
 Jacqueline C. Foreid, (813) 828-6877, email: foreidj@socom.mil
 DCMC Chicago
 1523 West Central Road
 Arlington Heights, IL 60005-2451

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) (N)
 Northrop Grumman Corporation
 Electronic Systems
 Defensive Systems Division
 600 Hicks Road
 Rolling Meadows, IL 60008-1098
 CODE 00512-8988 FACILITY CODE 26916
 9A. AMENDMENT OF SOLICITATION NO.
 9B. DATED (SEE ITEM 11)
 X 10A. MODIFICATION OF CONTRACT/ORDER NO. USZA22-03-D-0005
 10B. DATED (SEE ITEM 13) 24 January 2003

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

Not Applicable (b)(4) Increase

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

- (Y) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE IN THE CONTRACT ORDER NO. IN ITEM 10A
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: DFAR 252.217-7027, Contract Definitization (Oct 1998)
- D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not X is required to sign this document and return 1 copies to the issuing office.

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

IAW DFAR 252.217-7027, the purpose of this modification is to incorporate the attached definitize contract and add "DO" rating IAW FAR clause 52.211-15.

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

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Contract Administration
 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) CHARLES E. BRIGHT
 15C. DATE SIGNED 5/29/03
 16B. UNITED STATES OF AMERICA (b)(6)
 16C. DATE SIGNED 5/28/03
 Signature of person authorized to sign Signature of Contracting Officer

SECTION B Supplies or Services and Prices

B.1 In accordance with FAR 16.504(a)(1), the Government shall order and the contractor shall furnish as a contract minimum the total of CLIN 0001. The maximum dollar value of this contract is \$135,000,000.00; however, in no case can the Government order more than the urgent quantity specified in the Classified Annex of Group-A installations and of Group-B IRCM systems under this contract. The ordering period of this contract is from contract award through 31 Dec 2006, except for CLINs 0009 and 0010. For these two CLINs, the ordering period is through 30 Sep 04.

INSTALLATION DESIGN AND KIT PROOF TRIAL INSTALLATION

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0001 (CPFF)	Infrared Countermeasures System (IRCM) Installation on MH-53 Aircraft. Design, develop, and demonstrate a compliant Systems Requirements Document (SRD), flight worthy installation of a non-developmental IRCM system on a MH-53 aircraft per paragraphs 3.1, 3.2, and 3.3 of the SOW, dated 25 February 03.	(b)(4)			
	Total Cost:				\$4,757,338.00
0002 (NSP)	Contract Data Requirements List(s) (CDRLS) Contractor shall provide technical data in accordance with the DD Forms 1423, Section J, Exhibit A, (CDRLs, A001, A005, A006, A007, A008, A010, A011, A012, A013, A014, A015, A017, A022, and A030) for each individual effort in support of CLIN 0001. This CLIN is not separately priced (NSP). The cost of the data, including preparing, formatting, reproducing, and delivering in accordance with the contract requirements is included in CLIN 0001.	1	LO		NSP
0003 (FFP)	Aircraft Survivability Analysis IAW paragraph 3.4 of the SOW and DD Form 1423, Section J, Exhibit A (CDRL A019).	(b)(4)			
0004 (FFP)	Aircraft Test Matrix IAW paragraph 3.5 of the SOW and DD Forms 1423, Section J, Exhibit A (CDRL A021).	(b)(4)			

PRODUCTION PHASE OF GROUP-A AND GROUP-B

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0005 (T&M)	Operational Test and Evaluation (OT&E) Support IAW paragraph 3.6 of the SOW				
0005AA (T&M)	Labor for OT&E The contractor shall provide labor to support OT&E. The rates are set forth on page 9. The services shall be available from contract award through the end of testing IAW paragraph 3.6 of the SOW.	(b)(4)			
0005AB (T&M)	Material/Other Direct Costs The contractor shall provide incidental material to support OT&E.				
0005AC (T&M)	Travel The contractor shall travel as specified in individual orders on a reimbursement basis in support of OT&E.				
0005AD (NSP)	Contract Data Requirements List Contractor shall provide technical data In accordance with the DD Form 1423, Section J, Exhibit A (CDRL A028) for each individual effort in support of CLIN 0005. This SLIN is not separately priced (NSP). The cost of the data, including preparing, formatting, reproducing, and delivering in accordance with the contract requirements is included in CLIN 0005.	1	LO		NSP
0006	Over and Above IAW DFARS 252.217-7028 and paragraph 3.7 of the SOW for urgent maintenance and repair tasks on the aircraft while in the contractor's possession.				TBD
0007 (FFP)	Acceptance Test Procedures IAW paragraph 3.8 of the SOW and DD Forms 1423, Section J, Exhibit A (CDRL A023).	(b)(4)			
0008	Reserved.				
0009 (FFP)	Group-A Installation IAW paragraph 3.10 of the SOW				

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0009AA (FFP)	Group-A Hardware and Installation of Group A and Group B IAW paragraph 3.10.1 of the SOW. One (1) each of a Group A Kit is Top Level P.N. 261A670-1.	(b)(4)			
0009AB (FFP)	Group-A Installation Data IAW paragraph 3.10.2.2 of the SOW and DD Form 1423, Section J, Exhibit A (CDRL A017).				
0009AC (FFP)	Group-A Installation Hardware Kit IAW paragraph 3.10.2.3 of the SOW. One (1) each of a Group A Kit is Top Level P.N. 261A670-1.				
0009AD (FFP)	First-Installation Support IAW Paragraph 3.10.2.4 of the SOW				
0009AE	Over and Above IAW DFARS 252.217-7028 and paragraph 3.10.2.5 of the SOW				TBD
0009AF	Reserved				
0010 (FFP)	Group-B IAW paragraph 3.11 of the SOW				
0010AA (FFP)	Group-B Hardware for Delivery Order 0001 IAW paragraph 3.11.1 of the SOW. One (1) each of Group B Hardware consists of: (2) SLTAs P/N: 001-007915A0102 (1) CIU P/N: 001-007678-103 (1) Processor P/N: 001-007727-1001 (4) Sensors P/N: 001-007671-007 (2) Smart Cards P/N: 152-001478-002	(b)(4)			
0010AB (FFP)	Group-B Installation Data IAW paragraph 3.11.2.2 of the SOW and DD Form 1423, Section J, Exhibit A (A017)	(b)(4)			

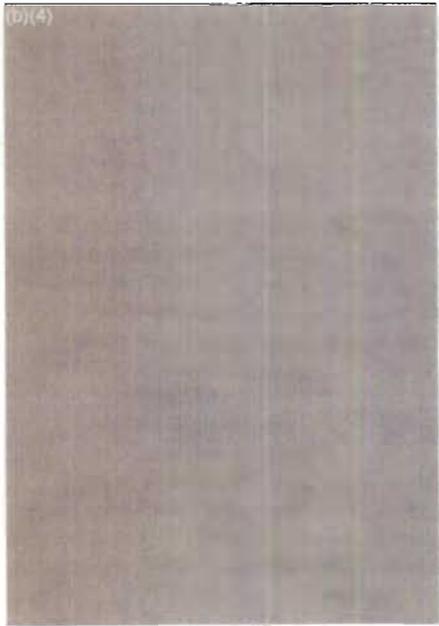
<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0010AC (FFP)	Group-B Hardware for the remaining delivery orders IAW paragraph 3.11.2.3 of the SOW. One (1) each of Group B Hardware consists of: (2) SLTAs P/N: 001-007915A0102 (1) CIU P/N: 001-007678-103 (1) Processor P/N: 001-007727-1001 (4) Sensors P/N: 001-007671-007 (2) Smart Cards P/N: 152-001478-002	(b)(4)			
0010AD (FFP)	First-Installation Support IAW Paragraph 3.11.2.4 of the SOW				
0011 (FFP)	Initial Spares IAW paragraph 3.12 of the SOW				
0011AA	SLTA P/N: 001-007915A0102	(b)(4)			
0011AB	CIU P/N: 001-007678-103				
0011AC	Processor P/N 001-007727-1001				
0011AD	Sensor P/N: 001-007671-007				
0011AE	Smart Cards P/N: 152-001478-002				
0012 (FFP)	Readiness Support Package (RSP) IAW paragraph 3.12 of the SOW. One RSP consists of the following: (b)(4)				
0013 (FFP)	Provisioning IAW paragraph 3.13 of the SOW and Section H. clause H.5. Provisioning Parts List				
0013AA	Provisioning Data Contractor shall provide technical data In accordance with the DD Forms 1423, Section J, Exhibit A (CDRLs A002, A004).				No Cost
0013AB	Provisioned Item Order	(b)(4)			TBD

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0014	Integrated Logistics Support				
0014AA (FFP)	Supply Support Data + Data Mgmt IAW paragraph 3.14.1 of the SOW and DD Forms 1423, Section J, Exhibit A (CDRLs A003, A009)				
0014AB (FFP)	Maintenance and Operator Technical Orders IAW paragraph 3.14.2 of the SOW Commercial Technical Orders and DD Form 1423, Section J, Exhibit A (CDRL A016)				
0014AC (FFP)	Maintenance and Operator Technical Orders IAW paragraph 3.14.2 of the SOW Source Data Technical Orders and DD Form 1423, Section J, Exhibit A (CDRL A027)				
0014AD (FFP)	Facilities Data IAW paragraph 3.14.3 of the SOW and DD Form 1423, Section J, Exhibit A (CDRL A024)				
0014AE	Over and Above IAW DFAR 252.217-7028 for No Fault Found Returns exceeding 10% IAW H.1.				TBD
0014AF (FFP)	Packaging, Handling, Storage IAW paragraph 3.14.5 of the SOW				
0014AG (FFP)	Training Documentation IAW paragraph 3.14.6 of the SOW and DD Form 1423, Section J, Exhibit A (CDRL A018)				
0014AH (FFP)	Operator Training Course Up to 4 IAW paragraph 3.14.7 of the SOW				
0014AJ (FFP)	Maintenance Training Course Up to 4 IAW paragraph 3.14.7 of the SOW				
0014AK (FFP)	Support Equipment IAW paragraph 3.14.8 of the SOW				
0014AL (FFP)	Computer Resources Support IAW paragraph 3.14.9 of the SOW and DD Form 1423, Section J, Exhibit A (CDRL A029)				



<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0014AM	Maintenance Planning Data				
(FFP)	IAW paragraph 3.14.10 of the SOW and DD Form 1423. Section J. Exhibit A (CDRL A003)				
0014AN	Design Interface IAW paragraph 3.14.11 of the SOW and DD Form 1423. Section J. Exhibit A (CDRL A009)				
(FFP)					
0014AP	Interim Contractor Support thru Dec 31, 2003. IAW paragraph 3.14.12 of the SOW and Section H clause H.1.				
(FFP)					
0014AQ	Interim Contractor Support thru Dec. 31, 2006. IAW paragraph 3.14.12 of the SOW. Note: If this SLIN is ordered. SLINs 0014AR, 0014AS, and 0014AT are not applicable.				
(FFP)					
0014AR	Interim Contractor Support for CY04 IAW paragraph 3.14.12 of the SOW.				
(FFP)					
0014AS	Interim Contractor Support for CY05 IAW paragraph 3.14.12 of the SOW.				
(FFP)					
0014AT	Interim Contractor Support for CY06 IAW paragraph 3.14.12 of the SOW				
(FFP)					
0015	Installation Drawing Package				
0015AA	Installation Drawing Level 2 (Group-A) Format Baseline, DD Form 1423, Section J. Exhibit A (CDRL A025) IAW paragraph 3.15 of the SOW. Price is included in CLIN 0001.	1	LO		NSP
(NSP)					
0015AB	Installation Drawing Level 3 (Group-A) Format IAW paragraph 3.15 of the SOW and DD Form 1423. Section J. Exhibit A (CDRL A026).				
(FFP)					
0016	Field Service Representative (FSR)				
0016AA	FSR IAW paragraph 3.16 of the SOW (Period of performance is 09 months after delivery of first aircraft)				
(FFP)					

<u>ITEM NO</u>	<u>SUPPLIES/SERVICES</u>	<u>QTY</u>	<u>UNIT</u>	<u>U/P</u>	<u>TOTAL</u>
0016AB (FFP)	FSR IAW paragraph 3.16 of the SOW (Period of performance is 12 months from date of task order award.)				
0016AC (FFP)	FSR IAW paragraph 3.16 of the SOW (Period of performance is 12 months from date of task order award.)				
0016AD (Cost- No Fee)	Material The contractor shall provide material in support of CLIN 0016				
0016AE (Cost- No Fee)	Travel The contractor shall travel as specified in individual orders on a cost-no fee reimbursement basis in support of CLIN 0016				
0016AF (Cost- No Fee)	Other Direct Cost in support of CLIN 0016				



0017
(NSP) Contract Data Requirements List . . . 1 LO NSP
Contractor shall provide technical data
In accordance with the DD Forms 1423,
Section J, Exhibit A, for each individual efforts
in support of CLIN/SLINs 0014. This CLIN
is not separately priced (NSP). The cost of the data,
including preparing, formatting, reproducing,
and delivering in accordance with the contract
requirements is included in the SLINs as follows:

<u>SLINs</u>	<u>CLRL No.</u>
0014AA	A003, A009
0014AB	A016
0014AC	A027
0014AD	A024
0014AG	A018
0014AL	A029
0014AM	A003
0014AN	A009

Northrop Grumman Time And Material Rates
For CLIN 0005 of Section B

Based on the following Forward Rate Pricing Agreements:

(b)(4)

Year	Cost Type	T & M Rates
2003	Senior Tech Leader	(b)(4)
	Tech Leader	
	ESCOM Subcontract Burden	
	Travel/ODC	
	General Procurement	

SECTION C Description and Specifications

**Statement of Work
for the
Infrared Countermeasures System (IRCM) Installation on the MH-53**

Document: 499-0TBD
Document Revision: B
Document Date: 25 February 200

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DEFINITIONS

Customer	United States Special Operations Command
User	United States Special Operations Command
Government	United States Special Operations Command, SOAL-KB
Contractor	Northrop Grumman Corporation Electronic Systems Defensive Systems Division
Group B Contractor	Northrop Grumman Corporation
Group A Contractor	(b)(4)
Designating Integrating Contractor	WR-ALC/LU

APPLICABLE DOCUMENTS

Attachment (1)	Statement of Objectives (SOO) For Infrared Countermeasures System (IRCM) Installation on MH-53 Aircraft
Date: None	
Revision: None	
MIL-E-7016	Electrical Load and Power Source Capacity Analysis
MIL-HDBK-5F	Metallic Materials and Elements for Aerospace Vehicle Structures
FED-STD-595	Federal Standard Color
399-001987	System Requirements Document for the Infrared Countermeasures (IRCM) System on MH-53 Aircraft, Revision A, January 2003
499-000051	Best Value Manufacturing/Quality Plan, Revision G, April 3, 2002

This Statement of Work (SOW) defines all tasks to be managed and accomplished by Northrop Grumman Corporation, Electronic Systems, Defensive Systems Division. Contractor required to produce, install, field, and sustain the multi-band laser based Infrared Countermeasures System (IRCM) Installation on the MH-53 for use by the United States Special Operations Command (USSOCOM).

1. Objectives

The Contractor shall provide a system that meets the installed performance requirements of the SRD as modified in the Oral Presentation, Page 21, Attachments #1 and #2 to NG letter 03U-020 and this SOW. The Contractor shall complete a test program that validates this installed IRCM performance on the MH-53 aircraft. The contractor shall provide a rapid response installation on the first aircraft and the next six (6) installations after which the remaining installations will be certified through the Production Configuration Control Board (CCB). See paragraphs 3.10 and 3.11 for additional installations.

Contract Data Requirement Lists (CDRLs) are at Section J Exhibit A.

2. Task Description

The Contractor shall provide all material and effort to produce, install, field, check-out, test and sustain the multi-band laser based Infrared Countermeasures System (IRCM) Installation on the MH-53 aircraft for use by the United States Special Operations Command.

As part of the installation, the Contractor shall remove the ALQ-157 Group A and Group B hardware and in its place install the directional AN/AAQ-24(V) IRCM system.

3 Task Objectives

3.1 Aircraft Installation Design

The Contractor shall develop an aircraft installation Group A design for an IRCM system on the MH-53 aircraft employing two (2) transmitters, a Processor, a Control Unit (CIU) and four (4) MWS Sensors in place of the removed ALQ-157 Group B LRUs. This is a non-developmental item (NDI) IRCM system.

The contractor shall design the IRCM LRU's to a specific environment. The contractor shall consider that the MH-53 aircraft has specific environmental characteristics. The contractor shall minimize the MH-53 Group A design between the IRCM Group B and aircraft environments.

CDRL A008: System/Segment Interface Control Specification

3.1.1 Installation Design Analysis

The Contractor shall prepare the appropriate analyses and reports to support the aircraft modification CCB requirements as further delineated below herein.

1. The Contractor shall perform one structural analysis demonstrating sufficient margins of safety and provide one structural analysis report.
2. The Contractor shall perform one summary electrical loads analysis in accordance with MIL-E-7016 (Electrical Load and Power Source Capacity Analysis) for load, start, takeoff, cruise and land for five second, five minute and continuous conditions, and provide one summary electrical loads analysis report.
3. The Contractor shall perform one update to the current weight and balance analysis and provide one weight and balance analysis report.
4. The Contractor shall perform EMI/EMC test and provide one EM/EMC test report.
5. The Contractor shall perform one safety of flight analysis and provide one safety of flight analysis report.

6. The Contractor shall analyze and document the thermal environment to verify that the Group B components are maintained within acceptable temperature ranges under aircraft operating conditions. The contractor shall quantify and document any degradation of the cabin environment through analysis.

The Contractor shall provide one set of installation instructions such that the Time Compliance Technical Order (TCTO) is capable of being performed at main operating bases.

This effort will leverage the experience gained in similar programs for USSOCOM, and LAIRCM aircraft, by utilizing, where possible, similar mounting structures, and cable harnesses. The Contractor shall minimize design differences, and to take advantage of their experiences on installations of DIRCM variants.

The Contractor shall perform an initial near term analysis including Stress Loads, Electrical Loads, Safety-of-flight, weight, and balance to obtain the near term schedule Rapid Response Installation Modification Package. DELIVERABLE: Rapid Response Installation Modification Package.

CDRL: A022: Aircraft Installation Data

3.1.2 Production Modification Design

The Contractor shall provide Configuration Control Board (CCB) documentation required to support a permanent modification. This MH-53 design package shall consist of an Installation Drawing package IAW MIL-DLT-31000, paragraph 3.6.2 (Level II), (CDRL AO25), Electrical Load Analysis, EMC Test Plan, Ground/Flight Test Plan, Stress/Loads Analysis, Thermal Analysis, Weight & Balance, Ground and Flight Test Report and EMC Test Report and IRCM Installation TCTO (CDRL A017).

3.2 Trial Installation Group A and Group B

The Contractor shall provide and install one set of Group-A hardware on a MH-53 aircraft.

The Contractor shall provide and install one set of the NDI Group-B hardware on a MH-53 aircraft.

The Contractor shall utilize the Record-Type TCTO when performing the Trial Installation as a means of kit proofing and verifying the TCTO. The contractor shall provide the record TCTO to the Government when complete.

CDRL A017: Time Compliance Technical Order (TCTO)

The Contractor shall remove the existing ALQ-157 system.

The Government may designate an integrating contractor. The contractor shall allow the integrating contractor to observe this installation in an educational capacity.

3.3 System Demonstration

The Contractor shall demonstrate the aircraft/mission unique Group B IRCM system capabilities as installed on the GFE MH-53 as further delineated below:

The Contractor shall demonstrate that the IRCM operates as a stand-alone system and is not integrated with or into the aircraft avionics architecture.

The Contractor shall provide evidence that the IRCM system is fully qualified for military use in the MH-53 environment as modified in attachments #1 of NG letter 03U-020, page 23, NG doc number 093-012126 Specification for General Environmental Requirements for Vibration, 394-001150 DIRCM LRU Qualification by Similarity Report for the CV-22 Installation for EMI, and LAIRCM Information Note A-NGC-060/Boeing Information Note A-BLB-012.

The Contractor shall provide a nomenclature and Federal stock listed System.

The Contractor shall disable or remove lamp sub-systems (if currently installed/utilized) from provided transmitters.

The Contractor shall provide System transmitters using a multi-band laser as the sole jamming energy source.

The Contractor shall provide system operation, which is capable of independently addressing simultaneous individual threats as well as cooperatively operating against a single threat.

The Contractor shall demonstrate that the system meets system performance parameters (minimum) and associated operational environmental requirements detailed in the SRD.

The Contractor shall provide new build transmitters colored the same shade of gray as currently specified for the LAIRCM or DIRCM programs (FED-STD-595, lusterless color chip 36173 or color chip 36118). The contractor shall provide up to 18 Initial Transmitters with black color paint.

The Contractor shall provide two weeks of Group A and B Testing on the Trial Installation aircraft consisting of ground/EMC and Flight-testing.

The Contractor shall verify System level Group B functionality for the first five ship sets in the contractor's SII, prior to delivery and integration in the field.

3.4 Aircraft Survivability Analysis

The Contractor shall develop, analyze and provide one Aircraft Survivability Analysis (ASA) in accordance with the existing DIRCM ASA model, delivered in accordance with the CDRL.

CDRL A019: Aircraft Survivability Analysis

3.5 Aircraft Test Matrix

The Contractor shall provide one aircraft test matrix that verifies SRD installed IRCM system performance, EMC, SOF, and air-worthiness.

CDRL A021: Aircraft Test Matrix

3.6 Operational Test and Evaluation Support

The Contractor shall provide in-house and out-of-house technical support to support the OT&E on a time and material basis.

The Contractor shall provide analysis of Government selected OT&E test data on a time and material basis. The Contractor shall provide technical support to resolve OT&E Deficiency Reports (DR).

CDRL A028: Deficiency Reports

3.7 Over and Above Technical Services

The Contractor shall provide over and above services to cover work authorized by the Government for urgent maintenance and repair task on the aircraft while in the Contractor's possession for modification and testing.

3.8 Acceptance Test Procedure

The Contractor shall develop one production installation Acceptance Test Procedure. The Contractor shall perform one ATP on the Trial Installation and provide one acceptance test report. The Contractor shall demonstrate one ATP on one production installation and provide one acceptance test report.

CDRL A023: Acceptance Test Plan

3.9 Reserved

3.10 Production Group A Aircraft Installation Kits

The Contractor shall follow a phased approach to delivering and installing Group A and Group B hardware on the aircraft. The first Group A Kit shall be produced and installed by the Contractor for the trial install. The Contractor shall produce and install the Group A Kit and Group B for the first six production aircraft (after the trial install). The Government may order additional Group A Kits as defined in the Schedule.

3.10.1 Group A Prime Contractor

The Contractor shall provide six (6) Group A Kits. The Contractor shall install the Group A Kits on six (6) aircraft incorporating all of the changes identified in the trial installation and install the Group B, in accordance with the program schedule. The contractor shall perform an installed System ATP, defined under Section 3.8 of this SOW after each installation.

3.10.2 WR-ALC/LU Designated Integrating Contractor

3.10.2.1 Physical Configuration Inspection

The Contractor will support Government's conduct of the Physical Configuration Inspection (PCI) on one of the initial installations (anticipated to be the first).

3.10.2.2 Installation Technical Support

The Contractor shall provide TCTO data to the Government designated integrating contractor to support the TCTO developed in Section 3.1.

(CDRI A017: Time Compliance Technical Order (TCTO))

3.10.2.3 Group A Hardware

If ordered, the Contractor shall provide the remaining Group A Kits as defined in the contract. This does not include installation of the Group A Kits on the aircraft.

3.10.2.4 Group A Installation Support Services

If ordered, the Contractor shall support the first installation of the Group A Kit and Group B performed by the Government designated integrating contractor in an advisory role. The Contractor shall provide this support for a three-week period in a U.S. domestic or foreign location.

3.10.2.5 Over and Above Technical Services

The Contractor shall provide over and above services to cover work authorized by the Government for urgent maintenance and repair tasks on aircraft while in the Contractor's possession, and/or provide support for unanticipated engineering and technical services to the designated integrating contractor.

3.11 Production Group B IRCM System

The Contractor shall provide one (1) Group B hardware set for the trial installation. The Contractor shall provide six (6) more Group B hardware sets for six aircraft installs after the trial install. The Government may order Group B remaining hardware in accordance with the Schedule.

3.11.1 Group B Prime Contractor

The Contractor shall provide (b)(4) Group B hardware (b)(4) the trial installation on the MH-53 aircraft. The Contractor shall provide (b)(4) Group B hardware (b)(4) production aircraft in accordance with the contract schedule.

3.11.2 WR-ALC/LU Designated Integrating Contractor

3.11.2.1 Group B Installations

The Contractor will follow a phased approach to the Group B production and installation as further described in the sub-sections below.

3.11.2.2 Group B Installation Hardware and Technical Support

If ordered, the Contractor shall provide the Government designated integrating contractor the required hardware and data to support the installation and alignment of the Group B hardware onto the aircraft. If ordered, the Contractor shall provide one (1) set of alignment plates to support the alignment of the Group B LRUs.

CDRL A017: Time Compliance Technical Order (TCTO)

3.11.2.3 Group B Hardware

If ordered, the Contractor shall deliver Group B hardware in accordance with the contract schedule.

3.11.2.4 Group B Installation Support Services

The Contractor shall support the first installation of Group A Kit and Group B performed by the Government designated integrating contractor in an advisory role. The Contractor shall provide this support for a three-week period in a U.S. domestic or foreign location.

3.12 Initial and Readiness Support Package Spares

The Contractor shall provide initial and readiness support package (RSP) spares as follows (minimum quantity):

LRU	Initial Spares	RSP KIT	RSP KITS
CIU	(b)(4)	(b)(4)	(b)(4)
UV Sensor	(b)(4)	(b)(4)	(b)(4)
Processor	(b)(4)	(b)(4)	(b)(4)
SLTA	(b)(4)	(b)(4)	(b)(4)

3.13 Provisioning

The Contractor shall provide the following provisioning documentation in accordance with the approved Logistics Support Analysis Report (LSAR):

Generation and submission of a Short Form Provisioning Parts List (SFPPL)

CDRL A002: Logistics Management Information Data Product – Provisioning Technical Document
CDRL A004: Supplemental Data for Provisioning

3.14 Integrated Logistics Support

The Contractor shall manage and execute the Integrated Logistics Support and Interim Contractor Support (ILS/ICS) Programs, provide a Government interface, and support program reviews. The Contractor shall manage the support equipment subcontractors. The Product Support IPT shall manage the Reliability, Maintainability, Testability, Logistics Support, Supply Support, Data Management, and Safety analysis efforts. Specifically, the Contractor shall identify the requirements for support equipment, spares, packaging, and Organization Level maintenance. The Contractor shall prepare MH-53 System technical and training manuals and develop/conduct operator and maintenance training courses; providing provisioning and Logistic Support Analysis Report (LSAR) data; system safety assessment and hazards, process and submit CDRLs, and manage subcontractor CDRL's. The Contractor, at its option, may include Government representation.

CDRL A002: Logistics Management Information Data Product -- Provisioning Technical Document

CDRL A004: Supplemental Data for Provisioning

3.14.1 Supply Support

The Contractor shall develop and deliver a System support package in accordance with approved commercial practices identifying the plans/procedures required to acquire, catalog, receive, store, transfer and dispose of secondary items, including provisioning for initial support as well as replenishment supply support.

CDRL A009: Integrated Logistics Support Plan

3.14.2 Technical Orders

The Contractor shall initially provide stand-alone maintenance and operator technical orders in commercial format. The Contractor shall subsequently develop a complete set of source data to support the integration of the IRCM technical data into the MH-53 aircraft technical orders by a Government designated contractor.

Any support required by the Contractor to support integration or verification/validation of the T.O. Source data into the aircraft operator and technical manuals is not a part of this effort.

CDRL A016: Commercial System Manuals

CDRL A027: Source Data for the following technical manuals:

MH-53M Technical Orders Affected		
TO Number	TO Title	Resp.
1H-1-39	Shipment of Aircraft	014
1H-1-39CL-1	Checklist - Tactical Teardown and Buildup for Shipment of Aircraft	
1H-53-39	Aircraft Battle Damage Assessment and Repair	
1H-53J-06	Aircraft Maintenance - Work Unit Code Manual	
1H-53(M)J-2-1	Airframe and Airframe Ground Handling, Service, Lubrication, Landing Gear, Armament, Utility System	
1H-53(M)J-2-5	Instruments - USAF Series MH-53J/MH-53M Aircraft	
1H-53(M)J-2-6	Electrical Systems - USAF Series MH-53J/MH-53M Aircraft	
1H-53(M)J-2-7	Communications and Navigation - USAF Series MH-53J/MH-53M Aircraft	
1H-53(M)J-2-9	Defensive Systems - USAF Series MH-53J/MH-53M Aircraft	
1H-53(M)J-3	Structural Repair Instructions	
1H-53(M)J-4	Illustrated Parts Breakdown	
1H-53(M)J-5	Basic Weight Checklist and Loading Data - USAF Series MH-53J/MH-53M Aircraft	
1H-53(M)J-6	Scheduled Inspection and Maintenance Requirements - USAF Series MH-53J/MH-53M Aircraft	
1H-53(M)J-6WC-1	Work Cards - Preflight, Post flight, Thru flight Inspection	
1H-53(M)J-6WC-2	Work Cards - Phase A and Phase B Inspection	

1H-53(M)J-21	Equipment Inventory List - USAF Series MH-53J/MH-53M Aircraft	(b)(4)
1H-53(M)M-1	Partial Flight Manual - USAF Series MH-53M Aircraft	
1H-53(M)M-1-CL-1	Checklist - Partial Pilot's Flight Crew	

3.14.2.1 Time Compliance Technical Orders

The Contractor shall prepare and submit a Record Type TCTO for performance at main operating bases (such as Hurlburt Field, Kirtland, or Mildenhall).

CDRL A017: Time Compliance Technical Order

3.14.3 Facilities, Manpower and Personnel

The Contractor shall identify the permanent, semi-permanent, or temporary real property required to support the system and report them to the Government. The report shall include studies to define facilities or facility improvements, locations, space needs, utilities, environmental requirements, real estate requirements and equipment. The Contractor shall identify the military and civilian personnel with the skills and Air Force Speciality Codes (AFSC) required to operate and support the system.

CDRL A024: Facility Design Criteria

3.14.4 Reserved

3.14.5 Packaging, Handling, Storage, and Transportation

Using MIL-P-9024 as a guide, the Contractor shall supply individual LRU packaging that complies with the a Package, Handling, Storage, and Transportation (PHS&T) in the shipping requirements set forth in Section D of the contract. The Contractor shall provide PHS&T containers as follows for the quantities shown in paragraph 3.12:

One SLTA Handling Fixture and J-Pac for each SLTA delivery (including initial delivery, initial spare & RSP spare). (J-Pac NSN 8145-01-459-9867 and Handling Fixture NSN 4920-01-459-9863).

One J-Pac for each CIU for each initial and RSP spare. (J-Pac NSN 8145-01-407-2081).

One J-Pac for each Processor for each initial and RSP spare. (J-Pac NSN 8145-01-482-8573).

One J-Pac for each MWS Sensor for initial and RSP spare. (J-Pac NSN 8145-01-483-0219).

3.14.6 Training Documentation

The Contractor shall develop training courseware required to train both the operator and maintenance personnel in the operation and support of the system.

CDRL A018: Training Materials (Operator)

CDRL A018: Training Materials (Maintenance)

3.14.7 Training Course

The Contractor shall host and hold one initial operator training class of a one-day duration and one initial maintenance training class of four days duration covering the LRU removal and replacement, MEON orientation and CIU maintenance displays. The Contractor shall present the operator and maintenance courses at the Crestview, FL, facility.

The Contractor shall present additional courses at customer-designated locations by the Contracting Officer.

3.14.8 Support Equipment

The Contractor shall provide Organizational-level Support Equipment containing the following support equipment and consumable materials to support the operational readiness requirements.

- Three (3) Multipurpose Electro Optical End to End Testers (MEONs) with spare consumables included.
- Three (3) MEON tripods.
- Ten (10) laser safety goggles.
- One (1) humidity indicator removal/installation tool.
- Thirty (30) desiccators replacement cartridges for the SLTA.
- Two (2) desiccator mounting plugs.
- Ten (10) hydrocarbon absorption replacement units (hydrocarbon filters cartridges) for the SLTA.
- Two (2) humidity indicator plugs for the SLTA.
- Two (2) inward relief valves.
- Two (2) hydrocarbon filter mounting plugs.
- Ten (10) smart cards.

3.14.9 Computer Resources Support

The Contractor shall identify, as appropriate, the facilities, system software, software development and support tools, documentation, ATS, and people needed to operate and support embedded computer system.

CDRL A029: Computer Resources Integrated Support Document (CRISD)

3.14.10 Maintenance Planning

The Contractor shall perform analysis required to identify both the organic and depot maintenance support concepts required for the lifetime of the system identifying the reliability, maintainability and availability concepts. Warranty considerations shall also be identified.

CDRL A003: Logistics Management Information - Maintenance Requirements

3.14.11 Design Interface

The Contractor shall establish a plan to ensure that the logistics elements are integrated with the System design parameters. The Contractor shall ensure that supportability parameters are an integral part of the Systems Engineering process and are quantified and qualified in operational terms, specifically related to readiness objectives and the support costs of the system.

CDRL A009: Integrated Logistics Support Plan

3.14.12 Interim Contractor Support

The Contractor shall provide ICS for depot level sustainment of the Group B IRCM hardware and software during the fielding of the System starting with the delivery of the first aircraft to operational status. The Contractor shall provide SRU spares to support a 90% confidence level of LRU spare availability. The aircraft usage rate is 40 hours per month, per aircraft. The turn-around time is four (4) months.

The Contractor shall provide LRU repair services at or near the Hurlburt Field Government Furnished facility provided by AFSOC. The Contractor shall provide repairs at OEM facilities pending GFE facility readiness.

3.15 Installation Drawing Package

3.15.1 Developmental Design Drawings and Associated Lists Drawing Package

The Contractor shall deliver a complete set of Group A installation Engineering Drawings in accordance with MIL-DLT-31000B, paragraph 3.6.2 (Level II), in Metadata format consistent with the requirements for the WR-ALC drawing repository. The Contractor shall apply the IRCM distribution statement to all drawings generated specifically on the Program. The Contractor is not required to update drawings used from other programs (e.g., USSOCOM).

DISTRIBUTION STATEMENT

"Distribution authorized to the Department of Defense (DoD) and DoD Contractors only; (Critical Technology); 15 June 01). Other requests must be referred to the United States Special Operation Command/SOAL-PEO-FWD."

CDRL A025: Installation Drawing Package – Developmental Drawings

3.15.2 Product Drawings and Associated Lists Drawing Package

If ordered, the Contractor shall deliver a complete set of procurement and manufacturing drawings in accordance with MIL-STD-31000B, paragraph 3.6.3 (Level III).

CDRL A026: Installation Drawing Package - Product Drawings

3.16 Field Service Representative

The Contractor shall provide a Field Service Representative (FSR) for the MH-53 aircraft at deployment location(s) post first aircraft modification. The FSR shall provide on-site expertise with regard to the system operation and maintenance. The FSR shall provide on aircraft maintenance that includes fault isolation, remove and replace faulty hardware, and verifies repair. The FSR shall also provide an on-site single point of contact for AFSOC personnel for inquiries and questions. The FSR shall also provide on-the-job training and system familiarization to AFSOC operators and maintenance personnel. The Contractor shall assist the transition of the maintenance activities of the system to AFSOC personnel.

For SLINs 0014AQ, 0014AR, 0014AS, 0014AT, 0016AB, 0016AC, 0016AD, 0016AE and 0016AF, the Government will shall provide a notice of intent to issue a Task Order 6 months prior to the issuance, and the Task Order shall be issued authorizing the applicable CLINs 2 months prior to the commencement of the SOW tasks.

4 Program Management

The Contractor shall manage the program to achieve a cohesive integration of activities necessary to expedite the fielding of these NDI IRCM systems for the MH-53 fleet. The Contractor shall provide monthly cost/schedule reports for CLIN 0001 activities. The Contractor shall maintain a Quality Assurance System, as described in the Contractor's document 499-000051, Best Value Manufacturing/Quality Plan.

CDRL A011. Cost Funds Status Report

CDRL A012. Master Schedule

CDRL A013. Conference Minutes

5 Systems Engineering

The Contractor shall conduct Technical Reviews in accordance with the program schedule to accomplish the design, development, and documentation in a timely and organized manner and to achieve a cohesive integration of activities necessary to expedite the fielding of these IRCM systems for the MH-53 fleet.

6 Configuration Management

The Contractor shall implement existing Configuration Management processes to control the hardware and related documentation baselines. The ICS effort cited in this SOW shall include configuration management.

CDRL A001: Contract Change Proposal
CDRL A005: Engineering Change Proposal
CDRL A006: Request for Deviation
CDRL A007: Specification Change Notice
CDRL A010: System Specification (SSS)

7 Data and Data Management

The Contractor shall provide a single data management focal point. The Contractor shall provide a data management system shall ensure that data items are submitted on schedule to meet program milestones and that the content complies with contract requirements. The data management system shall track, process, and document data submittals, changes, and approval status. The data management system shall also track, process and document data receipts from Contractor subcontractors. The Contractor shall require suppliers and/or subcontractors to develop and control technical data according to the same levels of control the Contractor uses to assure adequacy and delivery of data required by this contract. All non-CDRL data shall be documented in contractor format and maintained on the Data Accession List.

CDRL A015: Data Accession List

8 Government Furnished Information (GFI)/Government Furnished Facility

Government furnished information and facilities will be supplied in accordance with Section J, Attachment 2.

9.0 Contractor Support of Deployed Operations.

9.1 Management.

9.1.1. The contractor shall comply with all guidance, instructions, and general orders applicable to U.S. Armed Forces and DoD civilians applicable to the area of operations.

9.1.2. The contractor and it's employees, subcontractors, subcontractors employees, invitees and agents shall comply with Service and Department of Defense directives; policies, and procedures; federal statutes; judicial interpretations; and international agreements (e.g., Status of Forces Agreements, Host Nation Support Agreements, etc.) applicable to U.S. Armed Forces or U.S. citizens in the area of operations. Host Nation laws and existing Status of Forces Agreements may take precedence over contract requirements.

9.1.3. The contracting officer may direct the contractor, at the contractor's expense, to remove or replace any contractor employee failing to adhere to instructions and general orders issued by the applicable to U.S. Armed Forces and DoD civilians applicable to the area of operations.

9.1.4. The contractor shall identify their employees having military mobilization recall commitments and have adequate plans for replacing those employees in the event of mobilization, in accordance with the guidelines in DoD Directives 1200.7 and 1352.1.

9.2 Risk Assessment and Mitigation.

9.2.1. The contractor shall brief its employees regarding the potential danger, stress, physical hardships and field living conditions.

9.2.2. Contractor employees shall acknowledge in writing that they understand the danger, stress, physical hardships and field living conditions that are possible if the employee deploys in support of military

operations. The contractor shall retain the acknowledgements and provide copies to the Contracting Officer upon request.

9.2.3. The contractor shall provide personnel that are medically and physically fit to endure the rigors of deployment in support of a military operation. If an employee is unable to perform, the contractor shall replace the employee.

9.2.4. If a contractor employee departs an area of operations without permission, the contractor shall ensure continued performance in accordance with the terms and conditions of the contract. If the contractor replaces an employee who departs without permission, the replacement is at contractor expense and must be complete within 72 hours of notification, or as directed by the contracting officer.

9.2.5. The Government, where appropriate, shall provide training for civilians on their responsibilities, e.g., standards of conduct, coping skills if they become Prisoners of War, Geneva Conventions, Code of Conduct, Health and Sanitation, Legal Assistance, Customs and Courtesies for the area of deployment, applicable Status of Forces Agreement, Security, Weapons Familiarization, Operational Security (OPSEC).

9.3 Force Protection.

9.3.1. The Government will provide force protection to contractor employees commensurate with that given to Service/Agency (e.g., Army, Navy, Air Force, Marine, and DLA) civilians in the operations area.

9.3.2. Contractor personnel accompanying U.S. Armed Forces may be subject to hostile actions. If captured, the status of contractor personnel depends on the type of conflict, applicability of any relevant international agreements, and the nature of the hostile force. The full protections, granted to Prisoners of War (POW) under the Geneva (1949) and Hague (1907) Conventions apply only during international armed conflicts between the signatories to these conventions. Therefore, contractor personnel status depends on the specific circumstances of an operation.

9.4 Central Processing and Departure Point.

9.4.1. If travel restrictions require Contractor personnel traveling overseas to process through a designated central processing/departure point, the Government will issue a Letter of Authorization to allow contractor personnel to process through a specific designated central processing/departure point. The contractor shall provide the information on each employee required to complete the Letter of Authorization.

9.4.2. Contractor personnel processing through the designated central processing/departure point shall possess an Individual Readiness File (IRF). The IRF shall contain two copies each of the following required documents: the individual's latest Physical Examination performed within the last 12 months, copies of eyeglass prescription, dental examinations, Panarex, Emergency Information Cards, etc. One copy will travel with the employee; the other will be retained on file at the designated central processing/departure point. Contractor personnel deploying for less than 30 days at a time must go through the Readiness and Deployment Processing Site at the designated central processing/departure point at least once every 12 months. Employees deploying for 30 days or more must go through the Readiness and Deployment Processing Site at the designated central processing/departure point each time they deploy unless the supported commander waives this requirement.

9.4.3. The designated central processing/departure point will screen contractor personnel records, conduct theater specific training, issue theater specific clothing and individual equipment, verify that medical requirements (such as immunization, DNA screening, HIV testing, and dental examinations) for deployment have been met, and arrange for transportation to the theater of operations. The Government will identify to the contractor all required mission training and the location of the required training. The contractor shall ensure that all deploying personnel receive required mission training and successfully complete the training.

9.4.4. While processing at the designated central processing/departure point, the government will furnish lodging. The Government will provide meals for contractor employees at a nominal fee. Transportation, travel arrangements and costs to the designated central processing/departure point are the contractor's responsibility.

9.4.5. The government at its discretion may provide the contractor employees with Chemical Defensive Equipment (CDE) familiarization training commensurate with the training provided to Department of Defense civilian employees.

9.4.6. For any contractor employee determined by the government at the deployment-processing site to be non-deployable for debilitating health problems or failure to have a security clearance when one is required, the contractor shall take action to promptly correct or eliminate the health problem. If the problem cannot be remedied in time for deployment, a replacement having the required qualifications and skills shall be provided in time for scheduled deployment.

9.4.7. Contractor employees who fail to meet entrance standards set by the command surgeon, or who become unfit through their own actions (pregnancy, alcohol or drug abuse, etc.) will be removed from the AO at the contractor's expense.

9.5 Standard Identification Cards

9.5.1. As part of the processing of Contractor personnel, the Government will provide the following distinct forms of identification:

9.5.1.1 DD Form 1172-2 (Application for Department of Defense Common Access Card). This card is required for access to facilities and use of privileges afforded to the military, Government civilians, and military dependents

9.5.1.2 Geneva Conventions Identity Card for Persons Who Accompany the Armed Forces. This card identifies one's status as a contractor employee accompanying the U.S. Armed Forces. Contractor employees shall carry a DD Form 489 at all times when in the theater of operations.

9.5.1.3 International Driver's Permit/License. The contractor may be required to drive military vehicles in the performance of their duties.

9.5.1.4 Personal Identification Tags. These tags shall be worn at all times when in the theater of operations.

9.5.1.5 Other Cards. In addition, the Government may issue other identification cards, courier cards, badges, etc., at its discretion.

9.5.2. The Government will coordinate issuance of required identification cards and tags for all contractor employees not processing through a CONUS Replacement Center.

9.5.3. Deploying contractor personnel shall obtain the required identification tags and cards prior to deployment.

9.5.4. Upon redeployment, the contractor shall return all issued controlled identification cards and tags to the government.

9.6 Medical.

9.6.1. The Government will provide the contractor with all physical and medical requirements and standards necessary for deployment.

9.6.2. The contractor shall provide employees who meet the physical standards and medical requirements for job performance in the designated theater of operations.

9.6.3. Prior to deployment, the contractor shall provide the following as required:

9.6.3.1. Immunization record of each employee that is going to be deployed. Moreover, the government may require medical screening at the CONUS Replacement Center for FDA approved immunizations.

9.6.3.2. Dental Panograph, as required.

9.6.3.3. DNA sampling, as required.

9.6.3.4. HIV Testing, as required.

9.6.4. The government will provide to contractor employees deployed in the theater of operations, on a cost reimbursable basis, emergency medical and dental care commensurate with the care provided to

Department of Defense civilian deployed in the theater of operations. The Government will not provide these services to local nationals except in unusual circumstances as determined by the Government.

9.6.6. Deploying civilian contractor personnel shall carry with them a minimum of a 90-day supply of any medication they require, with 180 days preferred, two pairs of eyeglasses, if required (contacts are not recommended in a field environment), spare hearing aid batteries, sunglasses, insect repellent containing DEET, sunscreen, and any supplies related to their individual physical requirements.

9.6.7. The contractor's employees shall obtain all required immunizations in compliance with the Command Surgeon's list of immunizations required and recommended for the area of deployment before arrival at the IDS/CRC, if reporting is required. The Government may provide injections against biological and chemical warfare to contractor personnel as deemed appropriate by the government.

9.7 Clothing and Equipment Issue.

9.7.1. Contractor personnel shall possess the necessary personal clothing and safety equipment to execute contract performance in the theater of operations. Clothing should be distinctive and unique and not imply that the contractor is a military member, while at the same time not adversely affecting the Government's tactical position in the field.

9.7.2. Contractor Personnel shall not wear military clothing unless otherwise authorized by the Government.

9.7.3. The Government may provide theater specific equipment and military unique Organizational Clothing and Individual Equipment (OCIE). (Types of OCIE may include Nuclear, Biological, and Chemical Defensive Equipment).

9.7.4. If OCIE is provided the Government will identify to the contractor the OCIE issue point and issue items.

9.7.5. The contractor or contractor employee shall sign for all issued OCIE, thus acknowledging receipt and acceptance of responsibility for the proper maintenance and accountability of issued organizational clothing and individual equipment.

9.7.6. The contractor shall return all OCIE to the government. The contractor shall provide documentation, annotated by the receiving government official, of all organizational clothing and individual equipment returns.

9.7.7. The contractor shall reimburse the government for OCIE lost or damaged due to contractor negligence.

9.8 Reserved.

9.9 Vehicle and Equipment Operation.

9.9.1. Contractor deployed personnel operating equipment necessary to perform the contract in the theater of operations in accordance with the statement of work shall possess the required civilian licenses to operate the equipment.

9.9.2. Before operating any military owned or leased equipment, the contractor employee shall provide proof of license (issued by an appropriate governmental authority) to the unit or agency issuing the equipment.

9.9.3. The government, at its discretion, may train and license contractor employees to operate military owned or leased equipment.

9.9.4. All contractor owned motor vehicles shall meet required vehicle requirements within the Area of Responsibility (AOR) and be maintained in a safe operating condition and good appearance. All contractor owned motor vehicles used for transporting Government property shall be properly equipped and designed

to ensure protection of the property. If directed by the Government the contractor shall conspicuously display the contractor's logo and/or name on both sides contractor owned motor vehicles vehicle.

9.9.5. The contractor may be held liable for all damages resulting from willful misconduct in the operation of military owned or leased equipment.

9.10 Passports, Visas, Customs, and Travel.

9.10.1 The contractor shall obtain all passports, visas, or other documents necessary to enter and/or exit any area(s) identified by the contracting officer for contractor employees.

9.10.2. All contractor employees are subject to the customs, processing procedures, laws, agreements and duties of the country to which they are deploying and the procedures, laws, and duties of the United States upon re-entry.

9.10.3. The Government will supply the contractor with letters of travel when necessary to perform the contract in a deployed situation.

9.11 Reception, Staging, Onward Movement and Integration.

9.11.1. Upon arrival in the area of operations, contractor employees shall receive Reception, Staging, Onward movement and Integration, as directed by the government.

9.11.2. The contractor shall ensure all shipped items are packed in a manner to ensure error and damage free shipment within the AO by Government vehicle employing tie-downs on open bed trucks, etc. Labeling instructions will be provided by the Government prior to the required shipment date.

9.12 Living under Field Conditions. The government, at its discretion, may provide to contractor employees deployed in the theater of operations the equivalent field living conditions, subsistence, sanitary facilities, mail delivery, laundry service, and other available support afforded to government employees and military personnel in the theater of operations, unless otherwise specified in the contract.

9.13 Morale, Welfare, Recreation.

9.13.1. The government, at its discretion, may provide to contractor employees (US citizens only) deployed in the theater of operations; morale, welfare, and recreation services commensurate with that provided to Department of Defense civilians and military personnel deployed in the theater of operations.

9.13.2. The Government may suspend or deny administrative privileges to contractor personnel for violating rules for use of the privileges (i.e., suspension of exchange of MWR privileges, etc.), for such conduct as: making, or purchasing for the purpose of making any sale, exchange, transfer, or other disposition of exchange merchandise or services to unauthorized persons, whether or not for a profit; using exchange merchandise or services in the conduct of any activity for the production of income; theft of exchange merchandise or other assets by shoplifting; and intentional or repeated presentation of dishonored checks or other indebtedness.

9.14 Status of Forces Agreement (SOFA).

9.14.1 The Government will, as part of the processing at the IDS/CRC, brief contractor employees as to their status under the SOFA or international agreement applicable to the deployment. If IDS/CRC processing is not utilized, the contractor shall provide SOFA training to their employees.

9.14.2. Contractor personnel shall be under SOFA protection where permitted by the SOFA for the area of deployment.

9.14.3. The contractor is responsible for obtaining all necessary legal advice concerning the content, meaning, application, etc., of any applicable SOFAs and similar agreements.

9.14.4. The contractor shall adhere to all relevant provisions of the applicable SOFA and other similarly related agreements. In the event of conflict between the terms of the contract and the SOFA, the terms of the SOFA control.

9.14.5. The contractor shall provide the required documentation to acquire invited contractor or technical expert status, if required by SOFA.

9.15 Next of Kin Notification. Deployed Contractor Personnel shall complete a DD Form 93, Record of Emergency Data Card, and return the completed form to the designated government official.

9.16 Return Procedures.

9.16.1. Upon notification to the contractor of redeployment, the contracting officer at his/her discretion may authorize contractor employee travel from the theater of operations to the designated CONUS Replacement Center (CRC) or individual redeployment site.

9.16.2. The contractor shall return all government-issued clothing and equipment provided to the contractor or the contractor's employees upon completion of the deployment.

9.16.3. The contractor shall provide documentation, annotated by the receiving government official, of all clothing and equipment returns.

9.17 Legal Assistance.

9.17.1. The contractor will ensure its personnel deploying to or in a theater of operations are furnished the opportunity and assisted with making wills and other estate planning instruments as well as with any necessary powers of attorney prior to deployment processing and/or deployment.

9.17.2. Contractor personnel processing for deployment at the CONUS Replacement Center (CRC) or deployed in the theater of operations, generally will not be eligible to receive legal assistance from military lawyers. Where available, the government may provide legal assistance in accordance with the following conditions and as permissible under Military Department Regulations:

9.17.2.1. The legal assistance is in accordance with applicable international or host nation agreements.

9.17.2.2. The legal assistance is limited in nature (e.g., witnessing signatures on documents and providing notary services), legal counseling (to include review and discussion of legal correspondence and documents), and legal documents preparation (limited to powers of attorney and advanced medical directives), and help retaining non-DoD civilian attorneys, on an as available basis.

9.18 Special Legal. Public Law 106-523, Military Extra-Territorial Jurisdiction Act of 2000 (METJA), Amended Title 18, US Code, to establish Federal Jurisdiction over certain criminal offenses committed outside the United States by persons employed by or accompanying the Armed Forces, or by members of the Armed Forces who are released or separated from active duty prior to being identified and prosecuted for the commission of such offenses, and for other purposes applies to contractor employees deployed OCONUS. The contractor is responsible for ensuring his employees are briefed that they are potentially subject to the criminal jurisdiction of the United States under the METJA.

9.19 Media. The contractor shall request guidance from the government media operations center if, and when, reporters seeking interviews or information on their participation in the mission/operation approach them.

9.20. Other.

9.20.1. The Government will provide cultural awareness training for the theater if it is being provided to military personnel.

9.20.3. DoD Instruction Number 3020.37 is hereby incorporated in its entirety by reference.

9.20.4. The contractor shall provide deploying contractor employees information on contractor-employee benefits due to war exigencies, under 33 U.S.C. §901 and 42 U.S.C. §1651 and §1701.

SECTION D Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

5652.246-9000 Marking of Warranted Items (1998)

Each item covered by a warranty shall be stamped or marked with the contract number, item description, and ship to address. Items shall also include markings that state (i) the existence and substance of the warranty, (ii) the warranty duration, and (iii) who to notify if supplies are found to be defective. Where this is impractical, written notice shall be attached to or furnished with the warranted item.

5652.247-9000 Packaging & Marking - F.O.B. Destination (1998)

The shipping, address, contract number, device number, and any other "MARK FOR" information shall be clearly marked on the outside of all packages shipped under this contract. Information shall be easily identified without opening the package. This information shall also be included on the inside of all packages.

SECTION E Inspection and Acceptance

CLAUSES INCORPORATED BY REFERENCE:

52.246-2	Inspection Of Supplies—Fixed Price	AUG 1996
52.246-3	Inspection Of Supplies Cost-Reimbursement	MAY 2001
52.246-4	Inspection Of Services—Fixed Price	AUG 1996
52.246-5	Inspection Of Services Cost-Reimbursement	APR 1984
52.246-6	Inspection—Time-and-Material and Labor Hour	MAY 2001
52.246-6 Alt I	Inspection—Time and Material and Labor Hour (MAY 2001)	APR 1984
52.246-7	Inspection Of Research And Development Fixed Price	AUG 1996
52.246-8	Inspection Of Research And Development Cost Reimbursement	MAY 2001
52.246-16	Responsibility For Supplies	APR 1984
252.246-7000	Material Inspection And Receiving Report	DEC 1991

CLAUSES INCORPORATED BY FULL TEXT

5652.246-9001 Material Inspection and Receiving Reports (DD 250) Addresses (2001)

Material Inspection and Receiving Reports shall be transmitted electronically in accordance with DFAR 252.246-7000 to the following addresses:

Program Manager: HQ USSOCOM
Attn: PEO SOAL:FWD
██████████
7701 Tampa Point Blvd.
MacDill AFB, FL 33621-5323

Procurement Office: HQ USSOCOM
Attn: SOAL-K
(Mr. Charles E. Bright)
7701 Tampa Point Blvd.
MacDill AFB, FL 33621-5323

Payment Office: DFAS-Columbus Center Code: HQ0339
West Entitlements Oper
PO Box 182381
Columbus, OH 43218-2381

DCMA Office: DCMC Chicago Code: S1403A
1523 West Central Road
Bldg. 203
Arlington Heights, IL 60005-2451

Other: WR-ALC/LUHJ (As applicable)
Attn: (b)(6)
226 Cochran Street
Robins AFB, GA 31098-1622

E.1 INSPECTION AND ACCEPTANCE TERMS

Supplies/Services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Crestview Aerospace	DCMA	Crestview Aerospace	PM-FWD
0002	IAW DD Form 1423			
0003	IAW DD Form 1423			
0004	IAW DD Form 1423			
0005.AA	IAW Delivery Orders			
0005.AB	IAW Delivery Orders			
0005.AC	IAW Delivery Orders			
0005.AD	IAW DD Form 1423			
0006	IAW Delivery Orders			
0007	IAW DD Form 1423			
0008	Reserved			
0009.AA	IAW Delivery Orders			
0009.AB	IAW DD Form 1423			
0009.AC	Source	DCMA	Source	DCMA
0009.AD	Destination	WR-ALC	Destination	WR-ALC
0009.AE	IAW Delivery Orders			
0009.AF	Reserved			
0010.AA	Source	DCMA	Source	DCMA
0010.AB	Destination	WR-ALC	Destination	PM-FWD
0010.AC	Source	DCMA	Source	DCMA
0010.AD	Destination	PM-FWD	Destination	PM-FWD
0011.AA	Source	DCMA	Source	DCMA
0011.AB	Source	DCMA	Source	DCMA
0011.AC	Source	DCMA	Source	DCMA
0011.AD	Source	DCMA	Source	DCMA
0011.AE	Source	DCMA	Source	DCMA
0012	Source	DCMA	Source	DCMA
0013.AA	IAW DD Form 1423			
0013.AB	IAW Delivery Orders			
0014.AA	IAW DD Form 1423		Destination	PM-FWD
0014.AB	IAW DD Form 1423		Destination	PM-FWD
0014.AC	IAW DD Form 1423		Destination	PM-FWD
0014.AD	IAW DD Form 1423		Destination	PM-FWD
0014.AE	IAW Delivery Orders			
0014.AF	Source	DCMA	Destination	PM-FWD
0014.AG	IAW DD Form 1423		Destination	PM-FWD
0014.AH	Destination	PM-FWD	Destination	PM-FWD
0014.AJ	Destination	PM-FWD	Destination	PM-FWD
0014.AK	Source	DCMA	Source	DCMA
0014.AL	IAW DD Form 1423		Destination	PM-FWD
0014.AM	IAW DD Form 1423		Destination	PM-FWD
0014.AN	IAW DD Form 1423		Destination	PM-FWD
0014.AP	Destination	PM-FWD	Destination	PM-FWD
0014.AQ	Destination	PM-FWD	Destination	PM-FWD
0014.AR	Destination	PM-FWD	Destination	PM-FWD
0014.AS	Destination	PM-FWD	Destination	PM-FWD
0014.AT	Destination	PM-FWD	Destination	PM-FWD
0015.AA	IAW DD Form 1423			
0015.AB	IAW DD Form 1423			
0016.AA	IAW Delivery Orders			
0016.AB	IAW Delivery Orders			
0016.AC	IAW Delivery Orders			
0016.AD	Destination	PM-FWD	Destination	PM-FWD
0016.AE	IAW Delivery Orders			
0016.AF	IAW Delivery Orders			
0017	IAW DD Forms 1423			

E.2 Acceptance Criteria for Delivered Articles

Acceptance of articles shall be defined in the acceptance criteria column provided in Section J. Attachment
5

SECTION F Deliveries or Performance

CLAUSES INCORPORATED BY REFERENCE:

52.211-17	Delivery of Excess Quantities	SEP 1989
52.242-15	Stop-Work Order	AUG 1989
52.242-15 Alt I	Stop-Work Order (Aug 1989) - Alternate I	APR 1984
52.242-17	Government Delay Of Work	APR 1984
52.247-34	F.O.B. Destination	NOV 1991
52.247-55	F.O.B. Point for Delivery of Government Furnished Property	APR 1984

CLAUSES INCORPORATED BY FULL TEXT

F.1 DELIVERY INFORMATION

<u>CLIN</u>	<u>Delivery Date</u>	<u>Unit</u>	<u>Quantity</u>	<u>FOB</u>	<u>Government POC</u>
0001	31 Mar 03	(b)(4)		Source	PM-FWD
0002	IAW DD Forms 1423				
0003	IAW DD Form 1423				
0004	IAW DD Form 1423				
0005AA	IAW Delivery Orders				
0005AB	IAW Delivery Orders				
0005AC	IAW Delivery Orders				
0005AD	IAW DD Form 1423				
0006	IAW Delivery Orders				
0007	IAW DD Forms 1423				
0008	Reserved				
0009AA	IAW Delivery Orders				
0009AB	IAW DD Forms 1423				
0009AC	6 MARO			Source	DCMA
0009AD	6 MARO			Dest	WR-ACL Rep.
0009AE	IAW Delivery Orders				
0009AF	Reserved.				
0010AA	IAW Delivery Orders*				
0010AB	IAW DD Form 1423				
0010AC	2 per month ARO**			Source	DCMA
0010AD	IAW Delivery Orders				
0011AA	Mar 2003			Source	DCMA
0011AA	Apr 2003			Source	DCMA
0011AA	Jul 2003			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AA	14 MARO			Source	DCMA
0011AB	Mar 2003			Source	DCMA
0011AB	Apr 2003			Source	DCMA
0011AC	Mar 2003			Source	DCMA
0011AC	Apr 2003			Source	DCMA
0011AD	Mar 2003			Source	DCMA
0011AD	Mar 2003			Source	DCMA
0011AD	Mar 2003			Source	DCMA
0011AE	Jul 2003			Source	DCMA
0012	14 MARO			Source	DCMA
0012	14 MARO			Source	DCMA

0012	14 MARO	(b)(4)	Source DCMA
0013AA	IAW DD Form 1423		
0013AB	TBD		TBD
0014AA	IAW DD Form 1423		
0014AB	IAW DD Form 1423		
0014AC	IAW DD Form 1423		
0014AD	IAW DD Form 1423		
0014AE	IAW Delivery Orders		
0014AF	Oct 2003		IAW Delivery Order
0014AG	IAW DD Form 1423		
0014AH	Apr 2003		IAW Delivery Order
0014AJ	Apr 2003		Dest AFSOC Rep
0014AK	Sep 2003		Source AFSOC Rep
0014AL	IAW DD Form 1423		
0014AM	IAW DD Form 1423		
0014AN	IAW DD Form 1423		
0014AP	From issuance of Delivery Order through 31 December 2003		
0014AQ	From Issuance of the Delivery Order through 31 December 2006		
0014AR	IAW Delivery Orders		
0014AS	IAW Delivery Orders		
0014AT	IAW Delivery Orders		
0015AA	IAW DD Forms 1423		
0015AB	IAW DD Forms 1423		
0016AA	IAW Delivery Orders		
0016AB	IAW Delivery Orders		
0016AC	IAW Delivery Orders		
0016AD	Not Applicable		
0016AE	Not Applicable		
0016AF	Not Applicable		
0017	IAW DD Forms 1423		

* See GFE payback dates in Section J, Atch 2.

** Once CLIN 0010AC is placed on order, the following months deliveries will commence at 1 system per month ramping to 2 systems per month. In addition, the Contractor's proposed delivery schedule for the quantities identified under CLIN 0010AC assumes that deliveries will commence in November 2003. This delivery schedule is based on the contractor commencing effort prior to contract award under contractor risk. Accordingly, should the Task Order for this CLIN be awarded after November 15, 2003, the deliveries scheduled for November and after may be delivered 14 months ARO until the CLIN has been placed via a Task Order. This may be the result of the reallocation of components to other programs.

IAW=In Accordance With
MARO=Months After Receipt of Order

F.2 Place of Delivery

CLIN

0001 **Crestview Aerospace Corporation**
Attn: (b)(6)
5486 Fairchild Road
Crestview, Florida 32539-8157

0002	IAW DD Forms 1423
0003	IAW DD Form 1423
0004	IAW DD Form 1423
0005.AA-AD	IAW DD Form 1423
0006	USSOCOM, PM-FWD
0007	IAW DD Form 1423
0008	Reserved

CLIN

0009AA	IAW Delivery Orders
0009AB	IAW DD Form 1423
0009AC	IAW Delivery Orders
0009AD	Not Applicable
0009AE	USSOCOM. PM-FWD
0009AF	Reserved
0010AA	IAW Delivery Orders
0010AB	IAW DD Form 1423 (WR-ALC/LUHJ, 226 Cochran St., Robins AFB, GA 31098-1622)
0010AC	IAW Delivery Orders
0010AD	Not Applicable
0011AA-AE	IAW Delivery Orders
0012	IAW Delivery Orders
0013AA	IAW DD Forms 1423
0013AB	Hurlburt Field, Florida
0014AA	IAW DD Form 1423
0014AB	IAW DD Form 1423
0014AC	IAW DD Form 1423
0014AD	IAW DD Form 1423
0014AE	IAW Delivery Orders
0014AF	IAW Delivery Orders
0014AG	IAW DD Form 1423
0014AH	AFSOC
0014AJ	AFSOC
0014AK	IAW Delivery Orders
0014AL-AN	IAW DD Forms 1423
0014AP-AT	Hurlburt Field, Florida
0015AA	WR-ALC/LUHJ, 226 Cochran St., Robins AFB, GA 31098-1622
0015AB	WR-ALC/LUHJ, 226 Cochran St., Robins AFB, GA 31098-1622
0016AA-AF	IAW delivery orders
0017	IAW DD Forms 1423

The basic period of performance is anticipated to be from 24 January 2003 through 31 December 2006, except for CLINs 0009 and 0010. For these two CLINs, the ordering period is through 30 September 2004.

SECTION G Contract Administration Data

CLAUSES INCORPORATED BY FULL TEXT

5652.216-9000 Cost and Fixed Fee Information (2002)

Subject to the requirements of 52.216-8 and all other withholding requirements of this contract, the fixed fee stated in Section B shall be paid to the contractor at the same percentage of incurred and allowable costs proportionate to the total estimated cost.

5652.232-9003 Instructions to Paying Office (2001)

- (a) The Contracting Office Point of Contact is: Ms. Jacqueline Foreid-Germain
USSOCOM/SOAL-KB
7701 Tampa Point Blvd.
MacDill AFB, FL 33621-5323
Telephone: (813) 828-6877
Email: foreidj@socom.mil
- (b) The Program Manager is: (b)(3)(10 U.S.C. 1305), (b)(6)
USSOCOM/SOAL-PEO-FWD
7701 Tampa Point Blvd.
MacDill AFB, FL 33621-5323
Telephone: (b)(6)
Email: (b)(6)
- (c) Payment will be made by the office designated in Block 12 on Standard Form 26, Block 25 on Standard Form 33, or Block 15 on DD form 1155, or otherwise designated paying office. Invoicet(s) should be forwarded directly to the designated paying office.
- (d) Payment to the contractor shall be mailed to the following address: Not Applicable
- (e) Special Payment Instructions:

(b)(4)

5652.232-9004 Distribution of Vouchers/Invoices (2001)

- (a) The contractor shall forward vouchers/invoices to the addresses below in a simultaneous mailing.
 - (1) The original and six (6) copies shall be submitted to the cognizant DCAA office; otherwise, insert appropriate billing office.
 - (2) One copy shall be submitted to the Program Manager (PM):

USSOCOM/SOAL-PEO-FWD
Attn: (b)(3)(10 U.S.C. 1305), (b)(6)
7701 Tampa Point Blvd.
MacDill AFB, FL 33621-5323
(b)(6)

- (b) For all other CLINs, the original and one copy to the Payment Office:

DFAS—CO/West Entitlements Operations Code: HQ0339
P.O. Box 182381
Columbus, OH 43218-2381

- (c) One copy of all vouchers/invoices shall be submitted to the PM in paragraph (a)(2) above and to the contracting officer:

USSOCOM/SOAL-KB
Attn: Mr. Charles Bright
7701 Tampa Point Blvd.
MacDill AFB, FL 33621-5323
Brightc@socom.mil
(813) 828-7322

- (d) Contract Completion voucher shall be submitted to the DCAA for forwarding the final invoice to the ACO or CO where applicable.

G.1 Accounting and Appropriation Data: See individual delivery/task orders.

SECTION H Special Contract Requirements

5652.245-9001 Schedule of Government-Furnished Material

The Government will furnish material in accordance with the Government Furnished Property clause of the contract for use in the performance of this contract. The specific Government Furnished Property (Government Furnished Equipment/Government Furnished Information) is set forth in Section J, Attachment 2.

H.1 Interim Contractor Support (ICS)

The Contractor shall provide, operate and manage as required in SLINs 0014AP, 0014AQ, 0014AR, 0014AS, and 0014AT, a Hurlburt Field based-repair activity in a GFE facility.

The Contractor shall provide and maintain SRU spares and depot repair consumables as well as the repair of faulty Group B LRUs.

The Contractor shall provide testing, packaging and transportation requirements arising from the tasks set out above.

The Contractor shall be responsible for the cost for shipping between the Hurlburt Field repair facility and Northrop Grumman OEMs.

The Government shall provide transportation and handling between Hurlburt Field and Other user Main Operating Bases (MoBs) and deployment sites.

The requirements above for USSOCOM shall commence with the delivery of the first DIRCM System modified aircraft to operational status. (See Section F)

The Contractor shall provide parts and components used in repair of System equipment that conform to the relevant drawings and specifications to ensure conformance of such equipment to the approved Build Standard after such repair.

The requirement for availability of spare LRUs during the ICS period shall be 90%. To achieve this target:

The Government shall deliver assets to be repaired to the Hurlburt repair facility within 30 days from the time the item is declared unserviceable on the aircraft.

The Contractor shall repair and return LRUs to the Government user at Hurlburt Field within 60 days of receipt of unserviceable item.

The Government will return all unserviceable LRUs packaged in JPACs accompanied by fault reports detailing fault symptoms and circumstances under which fault occurred.

Government shall not hold Contractor responsible for repair costs or failure to meet availability target of 90% (see SOW para 3.14.12) when the repair and/or ICS spares are impacted by:

- Government User Misuse or Negligence
- Lost equipment or equipment damaged beyond economical repair (repair cost greater than 75% of replacement costs).
- Excessive Government User delays in return of equipment in excess of the 30 days set forth above
- User diversion of equipment for uses or activities not covered under the contract.
- Increase in contracted flying hour program (40 Hours/month aircraft).

Misuse or negligence damage is damage where the equipment has been used or subjected to environment outside the scope of equipment specifications or intended use. This includes damage caused by user mishandling, misuse, negligence, unauthorized repair, modification or alteration, or failure to operate, package or transport the equipment in accordance with standard DIRCM specifications and requirements.

When Contractor believes LRU damage is the result of misuse or negligence, Contractor will stop normal CLS repair and inform Government's ICS Manager. Contractor will document the damage including description, photographs, test data and forward to Government within 48 hours of discovery.

Based on evidence at that time, the Government will either direct Contractor to proceed with repair on a time and material basis or to quarantine the LRU until a decision is made on accepting the claim and/or a price agreement is reached. Confirmed claims will be subtracted from total demands before calculating availability. Government shall pay material, labor and transportation costs over and above DIRCM contract for confirmed claims. Data to substantiate all claims and will be available for audit on request.

Government shall not hold Contractor responsible for failure to meet availability target when the repair/replacement and/or CLS spares are impacted by return of equipment with No Faults Found (NFF) exceeding 10%.

For No Fault Found (NFF) returns exceeding the values in the following matrix, the Government will pay expenses incurred in transportation, handling, and testing returns in addition to deleting from demands prior to calculating CLS performance.

CLS Period	Government Reimburse Costs for returns exceeding
1-12 months	N/A*
Over 12 months	10%

*During this period the system will be maintained by the NG Field Service Rep.

No Fault Found (NFF) returns are LRUs returned when all of the below occur:

- The reported failure symptom can not be duplicated during repair center testing
- No indication of the fault can be determined from the BIT Logs
- The LRU is returned to service with no component changes relating to the reported fault
- System and LRU BIT must be functional. System level BIT failure indications must be confirmed by applicable LRU BIT logs.

Contractor will monitor NFF rates for indications of systemic BIT problems requiring an investigation.

H.2 Obsolescence

Upon determination by the Contractor that any of the MH-53 DIRCM Systems, component are unavailable due to Diminishing Manufacturing Sources (DMS) or obsolescence, the Contractor shall notify the Procurement Contracting Officer (PCO) of this condition in writing and include an Engineering Change Proposal (ECP) in accordance with the applicable paragraphs of FAR 52.243, Contract Modifications Provisions and Clauses for the nonrecurring and recurring redesign effort to deliver the end product(s) either with the affected parts modified, removed or with alternate parts used as a replacement for the affected parts; and a proposal for retrofitting delivered systems to take advantage of the newly developed/substitute components.

This clause only applies to sparing and provisioning orders. For production quantities under contract, the contractor shall be responsible for ensuring complete and timely delivery of the ordered systems.

H.3 Warranty - The Contractor provides a standard warranty as set forth below:

Standard warranty costs are included in all Fixed Price (FP) and Time and Material (T&M) contracts with the exception of Field Engineering & Support (FE&S) and Training type contracts.

Contractor covenants and agrees that the work and equipment delivered under this contract (FP and T&M CLINs only) shall be free from defects in material and workmanship at the time of delivery. Contractor will, at its option, repair, correct or replace, F.O.B. point of manufacture, any such work or equipment which proves to have a warranted defect, provided that Contractor is given written notice by Procurement

Contracting Officer (PCO) of any such defect no later than one (1) year after delivery (as hereinafter defined). All transportation costs shall be the responsibility of the Government. Contractor may at its

option, participate in the defect investigation of the work and/or equipment at the installation site and repair, correct or replace the defective item at such site or at its designated facility.

Repair, correction or replacement in the manner provided above shall constitute fulfillment of all Contractor's obligations under this assurance. Such assurance shall not apply to design or to any equipment or parts which have been subjected to accident, misuse or unauthorized alteration, to normal wear (which includes components with innate limited life), or to defects caused by not complying with Contractor's installation and service requirements (if the failed equipment or parts were not installed by the Contractor). This assurance shall apply to and include correction of Technical Data pertinent to defective work and equipment as the extent delineated herein above, but in no event to include computer software.

If the repair, correction or replacement of equipment is not within the scope of this clause, then the Contractor shall proceed in accordance with the requirements of Interim Contractor Support as defined in the Contract.

THE FOREGOING COVENANTS ARE EXCLUSIVE AND ARE IN LIEU OF ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR OTHER WARRANTY OF QUALITY, WHETHER EXPRESS, STATUTORY OR IMPLIED. IN NO EVENT SHALL CONTRACTOR BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

H.4 Reserved

H.5 Provisioning Parts List (*Applies to CLIN 0013*)

- (a) The Government may require the contractor to furnish for delivery, at times and places to be determined, Spare and Repair Parts.
- (b) Within thirty (60) days after initial system delivery and installation, the Contractor shall furnish a provisioning parts list (PPL) with FFP costs for price negotiation. The Government may order, at its discretion, parts off the PPL as needed at the prices contained in the PPL.
- (c) Notwithstanding the procedures for establishing a supplemental agreement described in paragraph (b) of this provision, the Government may issue a provisioned items order for spare and replacement parts without first reaching an agreement as to prices. In such cases, the Contracting Officer will issue an undefinitized task order which will contain 52.216-24 "Limitation of Government Liability," 52.217-7027 "Contract Definitization," a definitization schedule, a Not-to-Exceed Price and a funding limitation. The Contractor is bound to commence performance upon receipt. The Administrative Contracting Officer shall definitize such order within 60 days. In no case will the Government's liability for an individual part exceed that price quoted by the Contractor in provisioning parts list cost proposal. If agreement can not be reached on the price of the items the Contracting Officer or Administrative Contracting Officer may issue a unilateral document definitizing the prices. The contractor may dispute the definitizing modification in accordance with the disputes clause.

H.6 Authorization for Services (CLINs 0005, and 0016)

When time and material or cost services under SO'W paras 3.6 and 3.16 are required, the Procuring Contracting Officer (PCO) will provide the contractor a request for submission of a proposal. The Contractor shall prepare a T&M proposal for the respective services and submit it to the PCO within 20 days after receipt of the request for proposal. The PCO may authorize the work under a separate delivery order or modification to an existing delivery order.

H.7 Reserved.

H-8 Exceptions to Rights in Technical Data –Noncommercial items

1 In accordance with the Section I DFAR clause 252.227-7013, specifically paragraph (6)(e) of subject clause, the data listed below was developed with private funds by Northrop Grumman Corporation and will be provided to the Government with Limited Rights.

Technical Data	Restrictions	Basis For Assertion
System Techniques and Algorithms	Limited Rights	(b)(4)
System Architecture	Limited Rights	

2 Since a mixture of Government funds and private funds have been used to develop the technical data for the DIRCM program, Government Purpose Rights will apply to all technical data delivered under this contract. In addition, Northrop Grumman and its subcontractor(s) will retain all rights, title and interest to inventions and data made or created prior to performance of any work under an awarded contractual instrument. No computer software will be delivered.

5652.228-9000 Required Insurance (1998)

The kinds and minimum amounts of insurance required in accordance with 52.228-5 "Insurance-Work on a Government Installation" are as follows:

TYPE	AMOUNT
Automobile Liability	\$200,000 per person
Bodily Injury	\$500,000 per occurrence
Property Damage Liability	\$20,000 per occurrence
Workmen's Compensation & Occupational	As required by federal and state statutes
Employer's Liability	\$100,000

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	DEC 2001
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	JUL 1995
52.203-7	Anti-Kickback Procedures	JUL 1995
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	JUN 1997
52.204-2	Security Requirements	AUG 1996
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	JUL 1995
52.211-5	Material Requirements	AUG 2000
52.211-15	Defense Priority And Allocation Requirements	SEP 1990
52.215-2	Audit and Records--Negotiation	JUN 1999
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-11	Price Reduction for Defective Cost or Pricing Data--Modifications	OCT 1997
52.215-13	Subcontractor Cost or Pricing--Modifications	OCT 1997
52.215-14	Integrity of Unit Prices	OCT 1997
52.215-15	Pension Adjustments and Asset Reversions	DEC 1998
52.215-18	Reversion of Adjustment of Plans for Postretirement Benefits (PRB) Other Than Pensions	OCT 1997
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications	OCT 1997
52.216-7	Allowable Cost And Payment	FEB 2002
52.216-8	Fixed Fee	MAR 1997
52.216-11	Cost Contract--No Fee	APR 1984
52.222-3	Convict Labor	AUG 1996
52.222-4	Contract Work Hours and Safety Standards Act - Overtime Compensation	SEP 2000
52.222-20	Walsh-Healy Public Contracts Act	DEC 1996
52.222-21	Prohibition Of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	APR 2002
52.222-29	Notification of Visa Denial	FEB 1999
52.222-35	Equal Opportunity For Special Disabled Veterans, Veterans of the Vietnam Era and Other Eligible Veterans	DEC 2001
52.222-36	Affirmative Action For Workers With Disabilities	JUN 1998
52.222-37	Employment Reports On Special Disabled Veterans, Veterans Of The Vietnam Era and Other Eligible Veterans	DEC 2001
52.223-5	Pollution Prevention and Right-to-Know Information	APR 1998
52.223-6	Drug Free Workplace	MAY 2001
52.223-11	Ozone-Depleting Substances	MAR 2001
52.223-14	Toxic Chemical Release Reporting	OCT 2000
52.225-8	Duty-Free Entry	FEB 2000
52.225-13	Restrictions on Certain Foreign Purchases	JUL 2000
52.226-1	Utilization of Indian Organizations and Indian Owned Economic Enterprises	JUN 2000
52.227-1	Authorization and Consent	JUL 1995
52.227-2	Notice And Assistance Regarding Patent And Copyright Infringement	AUG 1996
52.227-10	Filing of Patent Application - Classified Subject Matter	APR 1984

PZ0001		
52.228-3	Worker's Compensation Insurance (Defense Base Act)	APR 1984
52.228-5	Insurance - Work On A Government Installation	JAN 1997
52.228-7	Insurance—Liability To Third Persons	MAR 1996
52.229-3	Federal, State And Local Taxes	JAN 1991
52.229-5	Taxes--Contracts Performed In U S Possessions Or Puerto Rico	APR 1984
52.230-2	Cost Accounting Standards	APR 1998
52.230-6	Administration of Cost Accounting Standards	NOV 1999
52.232-1	Payments	APR 1984
52.232-2	Payments Under Fixed-Price Research and Development Contracts	APR 1984
52.232-7	Payments Under Time-And-Materials and Labor Hour Contracts	DEC 2002
52.232-8	Discounts For Prompt Payment	FEB 2002
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-11	Extras	APR 1984
52.232-17	Interest	JUN 1996
52.232-20	Limitation Of Cost	APR 1984
52.232-23 Alt I	Assignment of Claims (Jan 1986) - Alternate I	APR 1984
52.232-25	Prompt Payment	FEB 2002
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	MAY 1999
52.233-1 Alt I	Disputes (Jul 2002) - Alternate I	DEC 1991
52.233-3	Protest After Award	AUG 1996
52.237-2	Protection Of Government Buildings, Equipment, And Vegetation	APR 1984
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-3	Penalties for Unallowable Costs	MAY 2001
52.242-4	Certification of Final Indirect Costs	JAN 1997
52.242-13	Bankruptcy	JUL 1995
52.243-1	Changes--Fixed Price	AUG 1987
52.243-2	Changes--Cost-Reimbursement	AUG 1987
52.243-2 Alt II	Changes—Cost-Reimbursement (Aug 1987) Alt II	APR 1984
52.243-3	Changes—Time-And-Materials Or Labor-Hours	SEP 2000
52.243-6	Change Order Accounting	APR 1984
52.243-7	Notification Of Changes	APR 1984
52.244-2 Alt I	Subcontracts (AUG 1998) Alt I	AUG 1998
52.244-5	Competition In Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	MAY 2002
52.245-1	Property Records	APR 1984
52.245-2	Government Property (Fixed Price Contracts)	DEC 1989
52.245-5	Government Property (Cost-Reimbursement Time-And-Materials, Or Labor Hour Contracts)	JAN 1986
52.246-25	Limitation Of Liability--Services	FEB 1997
52.247-67	Submission of Commercial Transportation Bill to the General Services Administration for Audit	JUN 1997
52.248-1	Value Engineering	FEB 2000
52.249-2	Termination For Convenience Of The Government (Fixed-Price)	SEP 1996
52.249-6 Alt IV	Termination (Cost Reimbursement)(SEP 1996) Alt IV	SEP 1996
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
52.249-14	Excusable Delays	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.203-7001	Prohibition On Persons Convicted of Fraud or Other Defense-Contract-Related Felonies	MAR 1999
252.203-7002	Display Of DOD Hotline Poster	DEC 1991
252.204-7000	Disclosure of Information	AUG 1999
252.204-7002	Payment For Subline Items Not Separately Priced	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004	Required Central Contractor Registration	NOV 2001
252.204-7005	Oral Attestation of Security Responsibilities	NOV 2001

252.205-7000	Provisions Of Information To Cooperative Agreement Holders	DEC 1991
252.209-7000	Acquisition From Subcontractors Subject To On-Site Inspection Under The Intermediate Range Nuclear Forces (INF) Treaty	NOV 1995
252.209-7004	Subcontracting With Firms That Are Owned or Controlled By The Government of a Terrorist Country	MAR 1998
252.215-7000	Pricing Adjustments	DEC 1991
252.215-7002	Cost Estimating System Requirements	DEC 1991
252.219-7004	Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (Test Program)	June 1997
252.223-7006	Prohibition On Storage And Disposal Of Toxic And Hazardous Materials	APR 1993
252.223-7004	Drug Free Work Force	SEP 1998
252.225-7001	Buy American Act And Balance Of Payments Program	MAR 1998
252.225-7002	Qualifying Country Sources As Subcontractors	DEC 1991
252.225-7008	Supplies To Be Accorded Duty-Free Entry	MAR 1998
252.225-7009	Duty-Free Entry--Qualifying Country Supplies (End Products and Components)	AUG 2000
252.225-7010	Duty-Free Entry--Additional Provisions	AUG 2000
252.225-7012	Preference for Certain Domestic Commodities	APR 2002
252.225-7026	Reporting Of Contract Performance Outside The United States	JUN 2000
252.225-7031	Secondary Arab Boycott Of Israel	JUN 1992
252.225-7043	Antiterrorism/Force Protection Policy for Defense Contractors Outside the United States	JUN 1998
252.226-7001	Utilization of Indian Organizations and Indian-Owned Economic Enterprises-DoD Contracts	SEP 2001
252.227-7013	Rights in Technical Data--Noncommercial Items	NOV 1995
252.227-7016	Rights in Bid or Proposal Information	JUN 1995
252.227-7017	Identification and Assertion of Use, Release or Disclosure Restrictions	JUN 1995
252.227-7036	Declaration of Technical Data Conformity	JAN 1997
252.227-7037	Validation of Restrictive Markings on Technical Data	SEP 1999
252.228-7001	Ground and Flight Risk	SEP 1996
252.231-7000	Supplemental Cost Principles	DEC 1991
252.232-7003	Electronic Submission of Payment Requests	MAR 2003
252.233-7001	Choice of Law (Overseas)	JUN 1997
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.243-7002	Requests for Equitable Adjustment	MAR 1998
252.244-7000	Subcontracts for Commercial Items and Commercial Components (DoD Contracts)	MAR 2000
252.245-7001	Reports of Government Property	MAY 1994
252.247-7023	Transportation of Supplies by Sea	MAR 2000
252.247-7024	Notification Of Transportation Of Supplies By Sea	MAR 2000

CLAUSES INCORPORATED BY FULL TEXT

52.216-18 ORDERING. (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from date of contract award **31 Dec 06**.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule. (End of clause)

52.216-19 ORDER LIMITATIONS. (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than **\$5,000.00**, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor:

(1) Any order for a single item in excess of **\$102,401,215**.

(2) Any order for a combination of items in excess of the amount equal to all CLINS in the basic contract period or all CLINS in each option period; or

(3) A series of orders from the same ordering office within sixty days that together call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within thirty days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

52.216-22 INDEFINITE QUANTITY. (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum". The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum".

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after **31 Dec. 2006**.

(End of clause)

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed **\$001.00** or the overtime premium is paid for work --

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

- (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
 - (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
 - (4) That will result in lower overall costs to the Government.
- (b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--
- (1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
 - (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
 - (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
 - (4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

(End of clause)

52.229-8 Taxes—Foreign Cost Reimbursement Contracts (Mar 1990)

- (a) Any tax or duty from which the United States Government is exempt by agreement with the Governments of the United Kingdom and Kuwait, or from which the Contractor or any subcontractor under this contract is exempt under the laws of the Governments of the United Kingdom or Kuwait, shall not constitute an allowable cost under this contract.
- (b) If the Contractor or subcontractor under this contract obtains a foreign tax credit that reduces its Federal income tax liability under the United States Internal Revenue Code (Title 26, U.S. Code) because of the payment of any tax or amount of the reduction shall be paid or credited at the time of such offset to the Government of the United States as the Contracting Officer directs.

(End of Clause)

52.232-32 Performance-Based Payments (FEB 2002)

- (a) Amount of payments and limitations on payments. Subject to such other limitations and conditions as are specified in this contract and this clause, the amount of payments and limitations on payments shall be specified in the contract's description of the basis for payment.
- (b) Contractor request for performance-based payment. The Contractor may submit requests for payment of performance-based payments not more frequently than monthly, in a form and manner acceptable to the Contracting Officer. Unless otherwise authorized by the Contracting Officer, all performance-based payments in any period for which payment is being requested shall be included in a single request, appropriately itemized and totaled. The Contractor's request shall contain the information and certification detailed in paragraphs (l) and (m) of this clause.
- (c) Approval and payment of requests. (1) The Contractor shall not be entitled to payment of a request for performance-based payment prior to successful accomplishment of the event or performance criterion for which payment is requested. The Contracting Officer shall determine whether the event or performance criterion for which payment is requested has been successfully accomplished in accordance with the terms of the contract. The Contracting Officer may, at any time, require the Contractor to substantiate the

successful performance of any event or performance criterion which has been or is represented as being payable.

(2) A payment under this performance-based payment clause is a contract financing payment under the Prompt Payment clause of this contract and not subject to the interest penalty provisions of the Prompt Payment Act. The designated payment office will pay approved requests on the 14th day after receipt of the request for performance-based payment. However, the designated payment office is not required to provide payment if the Contracting Officer requires substantiation as provided in paragraph (c)(1) of this clause, or inquires into the status of an event or performance criterion, or into any of the conditions listed in paragraph (e) of this clause, or into the Contractor certification. The payment period will not begin until the Contracting Officer approves the request.

(3) The approval by the Contracting Officer of a request for performance-based payment does not constitute an acceptance by the Government and does not excuse the Contractor from performance of obligations under this contract.

(d) Liquidation of performance-based payments. (1) Performance-based finance amounts paid prior to payment for delivery of an item shall be liquidated by deducting a percentage or a designated dollar amount from the delivery payment. If the performance-based finance payments are on a delivery item basis, the liquidation amount for each such line item shall be the percent of that delivery item price that was previously paid under performance-based finance payments or the designated dollar amount. If the performance-based finance payments are on a whole contract basis, liquidation shall be by either predesignated liquidation amounts or a liquidation percentage.

(2) If at any time the amount of payments under this contract exceeds any limitation in this contract, the Contractor shall repay to the Government the excess. Unless otherwise determined by the Contracting Officer, such excess shall be credited as a reduction in the unliquidated performance-based payment balance(s), after adjustment of invoice payments and balances for any retroactive price adjustments.

(e) Reduction or suspension of performance-based payments. The Contracting Officer may reduce or suspend performance-based payments, liquidate performance-based payments by deduction from any payment under the contract, or take a combination of these actions after finding upon substantial evidence any of the following conditions:

(1) The Contractor failed to comply with any material requirement of this contract (which includes paragraphs (h) and (i) of this clause).

(2) Performance of this contract is endangered by the Contractor's (i) failure to make progress, or (ii) unsatisfactory financial condition.

(3) The Contractor is delinquent in payment of any subcontractor or supplier under this contract in the ordinary course of business.

(f) Title. Title to the property described in this paragraph (f) shall vest in the Government. Vestiture shall be immediately upon the date of the first performance-based payment under this contract, for property acquired or produced before that date. Otherwise, vestiture shall occur when the property is or should have been allocable or properly chargeable to this contract.

(2) Property, as used in this clause, includes all of the following described items acquired or produced by the Contractor that are or should be allocable or properly chargeable to this contract under sound and generally accepted accounting principles and practices:

(i) Parts, materials, inventories, and work in process;

(ii) Special tooling and special test equipment to which the Government is to acquire title under any other clause of this contract;

(iii) Nondurable (i.e., noncapital) tools, jigs, dies, fixtures, molds, patterns, taps, gauges, test equipment and other similar manufacturing aids, title to which would not be obtained as special tooling under subparagraph (i)(2)(iii) of this clause; and

(iv) Drawings and technical data, to the extent the Contractor or subcontractors are required to deliver them to the Government by other clauses of this contract.

(3) Although title to property is in the Government under this clause, other applicable clauses of this contract (e.g., the termination or special tooling clauses) shall determine the handling and disposition of the property.

(4) The Contractor may sell any scrap resulting from production under this contract, without requesting the Contracting Officer's approval, provided that any significant reduction in the value of the property to which the Government has title under this clause is reported in writing to the Contracting Officer.

(5) In order to acquire for its own use or dispose of property to which title is vested in the Government under this clause, the Contractor must obtain the Contracting Officer's advance approval of the action and the terms. If approved, the basis for payment (the events or performance criteria) to which the property is related shall be deemed to be not in compliance with the terms of the contract and not payable (if the property is part of or needed for performance), and the Contractor shall refund the related performance-based payments in accordance with paragraph (d) of this clause.

(6) When the Contractor completes all of the obligations under this contract, including liquidation of all performance-based payments, title shall vest in the Contractor for all property (or the proceeds thereof) not-

(i) Delivered to, and accepted by, the Government under this contract; or

(ii) Incorporated in supplies delivered to, and accepted by, the Government under this contract and to which title is vested in the Government under this clause.

(7) The terms of this contract concerning liability for Government-furnished property shall not apply to property to which the Government acquired title solely under this clause.

(g) Risk of loss. Before delivery to and acceptance by the Government, the Contractor shall bear the risk of loss for property, the title to which vests in the Government under this clause, except to the extent the Government expressly assumes the risk. If any property is damaged, lost, stolen, or destroyed, the basis of payment (the events or performance criteria) to which the property is related shall be deemed to be not in compliance with the terms of the contract and not payable (if the property is part of or needed for performance), and the Contractor shall refund the related performance-based payments in accordance with paragraph (d) of this clause.

(h) Records and controls. The Contractor shall maintain records and controls adequate for administration of this clause. The Contractor shall have no entitlement to performance-based payments during any time the Contractor's records or controls are determined by the Contracting Officer to be inadequate for administration of this clause.

(i) Reports and Government access. The Contractor shall promptly furnish reports, certificates, financial statements, and other pertinent information requested by the Contracting Officer for the administration of this clause and to determine that an event or other criterion prompting a financing payment has been successfully accomplished. The Contractor shall give the Government reasonable opportunity to examine and verify the Contractor's records and to examine and verify the Contractor's performance of this contract for administration of this clause.

(j) Special terms regarding default. If this contract is terminated under the Default clause, (1) the Contractor shall, on demand, repay to the Government the amount of unliquidated performance-based payments, and (2) title shall vest in the Contractor, on full liquidation of all performance-based payments, for all property for which the Government elects not to require delivery under the Default clause of this contract. The Government shall be liable for no payment except as provided by the Default clause.

(k) Reservation of rights. (1) No payment or vesting of title under this clause shall (i) excuse the Contractor from performance of obligations under this contract, or (ii) constitute a waiver of any of the rights or remedies of the parties under the contract.

(2) The Government's rights and remedies under this clause (a) shall not be exclusive, but rather shall be in addition to any other rights and remedies provided by law or this contract, and (ii) shall not be affected by delayed, partial, or omitted exercise of any right, remedy, power, or privilege, nor shall such exercise or any single exercise preclude or impair any further exercise under this clause or the exercise of any other right, power, or privilege of the Government.

(l) Content of Contractor's request for performance-based payment. The Contractor's request for performance-based payment shall contain the following:

- (1) The name and address of the Contractor;
- (2) The date of the request for performance-based payment;
- (3) The contract number and/or other identifier of the contract or order under which the request is made;
- (4) Such information and documentation as is required by the contract's description of the basis for payment; and
- (5) A certification by a Contractor official authorized to bind the Contractor, as specified in paragraph (m) of this clause.

(m) *Content of Contractor's certification.* As required in paragraph (l)(5) of this clause, the Contractor shall make the following certification in each request for performance-based payment:

I certify to the best of my knowledge and belief that--

(1) This request for performance-based payment is true and correct; this request (and attachments) has been prepared from the books and records of the Contractor, in accordance with the contract and the instructions of the Contracting Officer;

(2) (Except as reported in writing on __), all payments to subcontractors and suppliers under this contract have been paid, or will be paid, currently, when due in the ordinary course of business;

(3) There are no encumbrances (except as reported in writing on __) against the property acquired or produced for, and allocated or properly chargeable to, the contract which would affect or impair the Government's title;

(4) There has been no materially adverse change in the financial condition of the Contractor since the submission by the Contractor to the Government of the most recent written information dated --; and

(5) After the making of this requested performance-based payment, the amount of all payments for each deliverable item for which performance-based payments have been requested will not exceed any limitation in the contract, and the amount of all payments under the contract will not exceed any limitation in the contract.

(End of clause)

52.246-24 -- Limitation of Liability -- High-Value Items Alt I (Feb 1997)

List of high-value items by line item: 0009AA, 0009AC, 0010AA, 0010AC, 0011AA, 0011AC, and within 0012 the SLTA and processor.

(This clause shall apply only to those items identified in this contract as being subject to this clause.)

(a) Except as provided in paragraphs (b) through (e) below, and notwithstanding any other provision of this contract, the Contractor shall not be liable for loss of or damage to property of the Government (including the supplies delivered under this contract) that --

- (1) Occurs after Government acceptance of the supplies delivered under this contract; and
- (2) Results from any defects or deficiencies in the supplies.

b) The limitation of liability under paragraph (a) above shall not apply when a defect or deficiency in, or the Government's acceptance of, the supplies results from willful misconduct or lack of good faith on the part of any of the Contractor's managerial personnel. The term "Contractor's managerial personnel," as used in this clause, means the Contractor's directors, officers, and any of the Contractor's managers, superintendents, or equivalent representatives who have supervision or direction of --

- (1) All or substantially all of the Contractor's business;
 - (2) All or substantially all of the Contractor's operations at any one plant, laboratory, or separate location at which the contract is being performed; or
 - (3) A separate and complete major industrial operation connected with the performance of this contract.
- (c) If the Contractor carries insurance, or has established a reserve for self-insurance, covering liability for loss or damage suffered by the Government through purchase or use of the supplies required to be delivered under this contract, the Contractor shall be liable to the Government, to the extent of such insurance or reserve, for loss of or damage to property of the Government occurring after Government acceptance of, and resulting from any defects or deficiencies in, the supplies delivered under this contract.
- (d)
- (1) This clause does not diminish the Contractor's obligations, to the extent that they arise otherwise under this contract, relating to correction, repair, replacement, or other relief for any defect or deficiency in supplies delivered under this contract.
 - (2) Unless this is a cost-reimbursement contract, if loss or damage occurs and correction, repair, or replacement is not feasible or desired by the Government, the Contractor shall, as determined by the Contracting Officer --
 - (i) Pay the Government the amount it would have cost the Contractor to make correction, repair, or replacement before the loss or damage occurred;
 - (ii) Provide other equitable relief.
- (e) This clause shall not limit or otherwise affect the Government's rights under clauses, if included in this contract, that cover --
- (1) Warranty of technical data;
 - (2) Ground and flight risks or aircraft flight risks; or
 - (3) Government property.

(End of Clause)

52.247-1 Commercial Bill of Lading Notations. (APR 1984) (Applies only to CLIN 0001)

If the Contracting Officer authorizes supplies to be shipped on a commercial bill of lading and the Contractor will be reimbursed these transportation costs as direct allowable costs, the Contractor shall ensure before shipment is made that the commercial shipping documents are annotated with either of the following notations, as appropriate:

- (a) If the Government is shown as the consignor or the consignee, the annotation shall be:

"Transportation is for the United States Special Operations Command (USSOCOM) and the actual total transportation charges paid to the carrier(s) by the consignor or consignee are assignable to, and shall be reimbursed by, the Government."

- (b) If the Government is not shown as the consignor or the consignee, the annotation shall be:

"Transportation is for the USSOCOM and the actual total transportation charges paid to the carrier(s) by the consignor or consignee shall be reimbursed by the Government, pursuant to cost-reimbursement contract No. USZA22-03-D-0005. This may be confirmed by contacting Defense Contract Management Agency, Chicago, 1523 West Central Road, Arlington Heights, IL 60005-2451; ACO [REDACTED]

(End of clause)

52.252-2 Clauses Incorporated By Reference (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

www.armet.gov

252.217-7028 Over and above work.

(a) *Definitions.*

As used in this clause--

(1) *Over and above work* means work discovered during the course of performing overhaul, maintenance, and repair efforts that is--

- (i) Within the general scope of the contract;
- (ii) Not covered by the line item(s) for the basic work under the contract; and
- (iii) Necessary in order to satisfactorily complete the contract.

(2) *Work request* means a document prepared by the Contractor which describes over and above work being proposed

(b) The Contractor and Administrative Contracting Officer shall mutually agree to procedures for Government administration and Contractor performance of over and above work requests. If the parties cannot agree upon the procedures, the Administrative Contracting Officer has the unilateral right to direct the over and above work procedures to be followed. These procedures shall, as a minimum, cover--

(1) The format, content, and submission of work requests by the Contractor. Work requests shall contain data on the type of discrepancy disclosed, the specific location of the discrepancy, and the estimated labor hours and material required to correct the discrepancy. Data shall be sufficient to satisfy contract requirements and obtain the authorization of the Contracting Officer to perform the proposed work;

- (2) Government review, verification, and authorization of the work; and
- (3) Proposal pricing, submission, negotiation, and definitization.

(c) Upon discovery of the need for over and above work, the Contractor shall prepare and furnish to the Government a work request in accordance with the agreed-to procedures.

(d) The Government shall--

- (1) Promptly review the work request;
- (2) Verify that the proposed work is required and not covered under the basic contract line item(s);
- (3) Verify that the proposed corrective action is appropriate; and
- (4) Authorize over and above work as necessary.

(e) The Contractor shall promptly submit to the Contracting Officer, a proposal for the over and above work. The Government and Contractor will then negotiate a settlement for the over and above work. Contract modifications will be executed to definitize all over and above work.

(f) Failure to agree on the price of over and above work shall be a dispute within the meaning of the Disputes clause of this contract.

(End of clause)

252.227-7030 Technical Data--Withholding of Payment (Mar 2000)

- (a) If technical data specified to be delivered under this contract, is not delivered within the time specified by this contract or is deficient upon delivery (including having restrictive markings not identified in the list described in the clause at 252.227-7013(e)(2) or 252.227-7018(e)(2) of this contract), the Contracting Officer may until such data is accepted by the Government, withhold payment to the Contractor of ten percent (10%) of the total contract price or amount unless a lesser withholding is specified in the contract. Payments shall not be withheld nor any other action taken pursuant to this paragraph when the Contractor's failure to make timely delivery or to deliver such data without deficiencies arises out of causes beyond the control and without the fault or negligence of the Contractor.
- (b) The withholding of any amount or subsequent payment to the Contractor shall not be construed as a waiver of any rights accruing to the Government under this contract.

(End of clause)

252.228-7002 Aircraft Flight Risk (Sep 1996)

- (a) *Definitions* As used in this clause-
- (1) "Aircraft," unless otherwise provided in the Schedule, means-
- (i) Aircraft furnished by the Contractor under this contract (either before or after Government acceptance); or
- (ii) Aircraft furnished by the Government to the Contractor, including all Government property placed on, installed or attached to the aircraft; provided that the aircraft and property are not covered by a separate bailment agreement.
- (2) "Flight" means any flight demonstration, flight test, taxi test, or other flight made in the performance of this contract, or for the purpose of safeguarding the aircraft, or previously approved in writing by the Contracting Officer.
- (i) For land-based aircraft, "flight" begins with the taxi roll from a flight line and continues until the aircraft has completed the taxi roll to a flight line.
- (ii) For seaplanes, "flight" begins with the launching from a ramp and continues until the aircraft has completed its landing run and is beached at a ramp.
- (iii) For helicopters, "flight" begins upon engagement of the rotors for the purpose of take-off and continues until the aircraft has returned to the ground and rotors are disengaged.
- (iv) For vertical take-off aircraft, "flight" begins upon disengagement from any launching platform or device and continues until the aircraft has been reengaged to any launching platform or device.
- (3) "Flight crew members" means the pilot, co-pilot, and unless otherwise provided in the Schedule, the flight engineer, navigator, bombardier-navigator, and defense systems operator as required, when assigned to their respective crew positions to conduct any flight on behalf of the Contractor.
- (b) This clause takes precedence over any other provision of this contract (particularly paragraph (g) of the Government Property (Cost-Reimbursement, Time-and-Materials, or Labor-Hour Contracts) clause and paragraph (c) of the Insurance-Liability to Third Persons clause).
- (c) Unless the flight crew members previously have been approved in writing by the Government Flight Representative, who has been authorized in accordance with the combined regulation entitled "Contractor's Flight and Ground Operations" (Air Force Regulation 55-22, Army Regulation 95-20, NAVAIR Instruction 3710.1C, and Defense Logistics Agency Manual 8210.1), the Contractor shall not be-
- (1) Relieved of liability for damage, loss, or destruction of aircraft sustained during flight; or
- (2) Reimbursed for liabilities to third persons for loss or damage to property or for death or bodily injury caused by aircraft during flight.
- (d) 1. The loss, damage, or destruction of aircraft during flight in an amount exceeding \$100,000 or 20 percent of the estimated cost of this contract, whichever is less, is subject to an equitable adjustment when the Contractor is not liable under-
- (i) The Government Property (Cost-Reimbursement, Time-and-Materials, or Labor-Hour Contracts) clause, and
- (ii) Paragraph (c) of this clause.
- (2) The equitable adjustment under this contract for the resulting repair, restoration, or replacement of aircraft shall be made.

- (i) In the estimated cost, the delivery schedule, or both; and
 - (ii) In the amount of any fee to be paid to the Contractor.
 - (3) In determining the amount of equitable adjustment in the fee, the Contracting Officer will consider any fault of the Contractor, its employees, or any subcontractor that materially contributed to the damage, loss, or destruction.
 - (4) Failure to agree on any adjustment shall be a dispute concerning a question of fact within the meaning of the Disputes clause of this contract.
- (e) The Contractor agrees to be bound by the operating procedures contained in the combined regulation entitled "Contractor's Flight and Ground Operations" in effect on the date of contract award.
(End of clause)

252.228-7003 Capture and Detention (Dec 1991)

- (a) As used in this clause-
- (1) "Captured person" means any employee of the Contractor who is-
 - (i) Assigned to duty outside the United States for the performance of this contract; and
 - (ii) Found to be missing from his or her place of employment under circumstances that make it appear probable that the absence is due to the action of the force of any power not allied with the United States in a common military effort; or
 - (iii) Known to have been taken prisoner, hostage, or otherwise detained by the force of such power, whether or not actually engaged in employment at the time of capture; provided, that at the time of capture or detention, the person was either-
 - (A) Engaged in activity directly arising out of and in the course of employment under this contract; or
 - (B) Captured in an area where required to be only in order to perform this contract.
 - (2) A "period of detention" begins with the day of capture and continues until the captured person is returned to the place of employment, the United States, or is able to be returned to the jurisdiction of the United States, or until the person's death is established or legally presumed to have occurred by evidence satisfactory to the Contracting Officer, whichever occurs first.
 - (3) "United States" comprises geographically the 50 states and the District of Columbia.
 - (4) "War Hazards Compensation Act" refers to the statute compiled in Chapter 12 of Title 42, U.S. Code (sections 1701-1717), as amended.
- (b) If pursuant to an agreement entered into prior to capture, the Contractor is obligated to pay and has paid detention benefits to a captured person, or the person's dependents, the Government will reimburse the Contractor up to an amount equal to the lesser of-
- (1) Total wage or salary being paid at the time of capture due from the Contractor to the captured person for the period of detention; or
 - (2) That amount which would have been payable if the detention had occurred under circumstances covered by the War Hazards Compensation Act.
- (c) The period of detention shall not be considered as time spent in contract performance, and the Government shall not be obligated to make payment for that time except as provided in this clause.
- (d) The obligation of the Government shall apply to the entire period of detention, except that it is subject to the availability of funds from which payment can be made. The rights and obligations of the parties under this clause shall survive prior expiration, completion, or termination of this contract.
- (e) The Contractor shall not be reimbursed under this clause for payments made if the employees were entitled to compensation for capture and detention under the War Hazards Compensation Act, as amended.
(End of clause)

252.228-7005 Accident Reporting and Investigation Involving Aircraft, Missiles, and Space Launch Vehicles (Dec 1991)

- (a) The Contractor shall report promptly to the Administrative Contracting Officer all pertinent facts relating to each accident involving an aircraft, missile, or space launch vehicle being manufactured, modified, repaired, or overhauled in connection with this contract.
- (b) If the Government conducts an investigation of the accident, the Contractor will cooperate and assist the Government's personnel until the investigation is complete.

(c) The Contractor will include a clause in subcontracts under this contract to require subcontractor cooperation and assistance in accident investigations.

(End of clause)

5652.204-9002 Instructions for the Use of Electronic Contracts (2000)

In accordance with DoD policy, this solicitation and the resulting contract will be executed and documented through electronic means. As a result, the use of the terms "documented," "copy," "printed," "in writing," or "written" within this document shall refer to all electronically transmitted documents that will become part of the electronic contract file and an official government record. Any reference to official signatures and signed documents shall refer to electronic signatures. Whenever an electronic signature is used it shall have to full force and effect as a handwritten signature.

(End)

5652.216-9001 Oral Orders - Indefinite Delivery Contracts (2001)

- (a) No oral order will exceed the amount equal to all CLINS in the basic contract period or the amount equal to all CLINS in each option period.
- (b) The contractor will furnish a delivery ticket with each shipment in triplicate, showing: contract number, order number under the contract, date order was placed, name and title of person placing the order, an itemized listing of supplies or services furnished, unit price, unit of issue, quantity and total price for each line item, and the delivery or performance date.
- (c) An Invoice for supplies or services furnished in response to oral orders shall accompany a copy of each related delivery ticket.
- (d) Ordering activities will designate in writing, the Contracting/Ordering Officers authorized to place oral orders and will furnish a copy thereof to the contractor.
- (e) Written confirmation of oral orders will be issued within ten (10) working days.

5652.216-9002 Withholding of Fixed Fee or Incentive Fee (1998) (Applies only to CLIN 0001)

Pursuant to FAR 52.216-8 "Fixed Fee" or FAR 52.216-10 "Incentive Fee," the portion of the fixed or incentive fee shall not exceed 15 percent of the total fee or , whichever is less.

5652.228-9001 Liability - Flight Operations (1998)

The Government shall not be held responsible for damages to property (Except as provided in FAR 52.246-25 "Limitation of Liability - Services") or for injuries or death to persons which might occur without fault on the part of the Government as a result of, or incident to, performance of the contractor with the exception of work directly related to aircraft flight as defined by DFAR 252.228-7002 "Aircraft Flight Risk."

5652.232-9001 Invoicing (2001)

- (a) The contractor shall segregate and bill separately costs for each Delivery/Task Order issued under this contract. Cost for performing work set forth in one Delivery/Task Order shall not be allowable under any other Delivery/Task Order.
- (b) If a Delivery/Task Order contains multiple CLINs/SLINs the contractor shall segregate and bill separately the costs for each CLIN/SLIN of the Delivery/Task Order
- (c) The cost of performing work set forth on one CLIN/SLIN shall not be allowable under any other CLIN/SLIN.
- (d) The contract number and Delivery/Task Order number shall appear on correspondences and invoices

5652.232-9002 Time and Materials/Ceiling Price Indefinite Delivery Contracts (1998)

Ceiling Price: The term "ceiling price" as used in the clauses FAR 52.232-7 "Payments Under Time and Materials and Labor-Hour Contracts", and the term "estimated cost" in FAR 52.232-20 "Limitation of Cost" and 52.232-22 "Limitation of Funds" shall be applicable to each CLIN or SLIN specified in Schedule B. The Government shall not be obligated to pay the contractor any amount in excess of the ceiling price for each CLIN/SLIN set forth in Schedule B unless and until the Contracting Officer has notified the contractor in writing that the ceiling price has been increased and has specified in the notice a revised ceiling price for performance under the contract for that CLIN/SLIN.

Alternate I: If this is an indefinite delivery type contract the terms "ceiling price" and "estimated cost" shall apply to each CLIN/SLIN on each delivery order.

5652.252-9000 Notice of Incorporation of Section K (1998)

Section K, Certifications and Representations, of the solicitation will not be distributed with the contract; however, Section K is hereby incorporated by reference.

SECTION J List of Documents, Exhibits and other Attachments

<u>Attachment No.</u>	<u>Description</u>	<u>Date</u>	<u>Pages</u>
1	DD Form 254, Revision 2	030127	2
2	MH-55 GFE GFI Requirements	24 Jan 03	3
3	Comprehensive Small Business Subcontracting Plan Fiscal Year 03	10/13/02	22
4	System Requirements Document (Classified—Provided Under Separate Cover)	January 2003	5
5	Acceptance Criteria for Delivered Articles	28 April 2003	1
<u>Exhibit No.</u>	<u>Description</u>	<u>Date</u>	<u>Pages</u>
A	Contract Data Requirements List (CDRLS)—DD Forms 1423	19 May 03	31

DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION		1. CLEARANCE AND SAFEGUARDING	
(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)		a. FACILITY CLEARANCE REQUIRED SECRET	
		b. LEVEL OF SAFEGUARDING REQUIRED SECRET	
2. THIS SPECIFICATION IS FOR: (X and complete as applicable)		3. THIS SPECIFICATION IS: (X and complete as applicable)	
X	a. PRIME CONTRACT NUMBER USZA22-03-D-0005		a. ORIGINAL (Complete date in all cases) Date (YYMMDD)
	b. SUBCONTRACT NUMBER	X	b. REVISED (Supersedes all previous specs) Revision No. 2 Date (YYMMDD) 030127
X	c. SOLICITATION OR OTHER NUMBER USZA22-03-R-9001		c. FINAL (Complete item 5 in all cases) Date (YYMMDD)
4. IS THIS A FOLLOW-ON CONTRACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, complete the following			
Classified material received or generated under _____ (Preceding Contract Number) is transferred to this follow-on contract			
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If Yes, complete the following:			
In response to the contractor's request dated _____, retention of the classified material is authorized for the period of _____			
6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)			
a. NAME, ADDRESS, AND ZIP CODE Northrop Grumman Corporation Defensive Systems Division 600 Hicks Road Rolling Meadows, Illinois 60008-9600		b. CAGE CODE 26916	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) DIS, Mid-Western Region 610 South Canal Street Room 908 Chicago, IL 60607-4577
7. SUBCONTRACTOR			
a. NAME, ADDRESS, AND ZIP CODE		b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)
8. ACTUAL PERFORMANCE			
a. LOCATION Crestview Aerospace Corporation 5486 Fairfield Road Crestview, FL 32539 (See Block 13 for Additional)		b. CAGE CODE 23974	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) DEFENSE SECURITY SERVICE FIELD OFFICE Huntsville, AL 256-895-5280
9. GENERAL IDENTIFICATION OF THIS PROCUREMENT MH-53 Infrared Countermeasures (IRCM) Block II			
10. THIS CONTRACT WILL REQUIRE ACCESS TO:			
	YES	NO	
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION		X	
b. RESTRICTED DATA		X	
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		X	
d. FORMERLY RESTRICTED DATA		X	
e. INTELLIGENCE INFORMATION		X	
(1) Sensitive Compartmented Information (SCI)		X	
(2) Non-SCI		X	
f. SPECIAL ACCESS INFORMATION		X	
g. NATO INFORMATION		X	
h. FOREIGN GOVERNMENT INFORMATION	X		
i. LIMITED DISSEMINATION INFORMATION		X	
j. FOR OFFICIAL USE ONLY INFORMATION HANDLED IAW DOD 5400.7-R	X		
k. OTHER (Specify) All FDUO data will be handled IAW DOD 5400.7	X		
11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:			
	YES	NO	
a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY		X	
b. RECEIVE CLASSIFIED DOCUMENTS ONLY		X	
c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	X		
d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	X		
e. PERFORM SERVICES ONLY		X	
f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES		X	
g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	X		
h. REQUIRE A COMSEC ACCOUNT		X	
i. HAVE TEMPEST REQUIREMENTS		X	
j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	X		
k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE		X	
l. OTHER (Specify) See block 13 Prior to the contractor gaining access to DTIC (11g) the contractor must execute the DD Fms 1540 & 1541.	X		

12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release Direct Through (Specify)

No public release of information by the contractor is authorized. This includes trade and marketing publications, sales information, or subcontractor solicitations without prior written approval of the contracting officer

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

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

- Classification guidance will be governed by the directional Infrared Countermeasures (DIRCM) Cooperative Security Classification Guide, Revision D, 16 Aug 02.
- 11d. SOF MH-53 aircraft undergoing modification and while resident at the **Crestview Facility** will have other classified systems installed. Classification guidance for those other systems will be governed by the applicable MH-53 Security Classification guide.
- CONTRACTORS WISHING TO VIEW OR RECEIVE CLASSIFIED INFORMATION PURSUANT TO THIS SOLICITATION MUST HAVE VALID FACILITY AND PERSONNEL SECURITY CLEARANCES, A) ON RECORD WITH THE DEFENSE SECURITY SERVICE, AND B) SUBMIT VISIT REQUESTS TO THE CONTRACTING OFFICER FOR VERIFICATION (Visit requests must be sent at least 5 days prior to the visit.)
- Contractors NOT possessing Facility and Personnel Security Clearances WILL ONLY be given access to Unclassified information.
- Contractors who are granted access to classified WILL NOT be permitted to reproduce classified information or grant further access to their subcontractors without written approval from the USSOCOM Contracting Officer.
- Contractors who receive classified information are required to return that information within 30 days of withdrawal/termination from the contracting process unless a waiver is provided by the USSOCOM Contracting Officer.
- Classified information will be derivatively classified and marked from existing source documents.
- All ADP equipment utilized at the contractor location to process classified information MUST be approved by the Defense Security Service.
- Classified requested from HQ USSOCOM will be mailed to the contractor's classified mailing address. No classified will be authorized to be hand-carried out of Bldg 501C.
- All transmission/transportation of classified by the contractor will be conducted IAW the NISPOM Ch. 5, Section 4
- Any meetings or visits attended/hosted by the contractor will be conducted IAW the NISPOM Chap. 6

REVIEWED AND APPROVED

HQ USSOCOM/SOCS-SM
 29 Jan 03

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract YES NO

(If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement, which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)
 While performing duties at HQ USSOCOM, the contractor will adhere to USSOCOM Manual 380-1 "Command Information Security Program", 380-3 "Command ADP Program", and 500-1 "Command Physical Security Program". These manuals will be made available as needed by the Program Manager or the SOAL Security Manager.

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. YES NO

(If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)
 Defense Security Service is relieved of inspection responsibility within USSOCOM owned or operated facilities. USSOCOM/SOCS-SM retains inspection responsibility of contractor operations within USSOCOM owned or operated facilities.

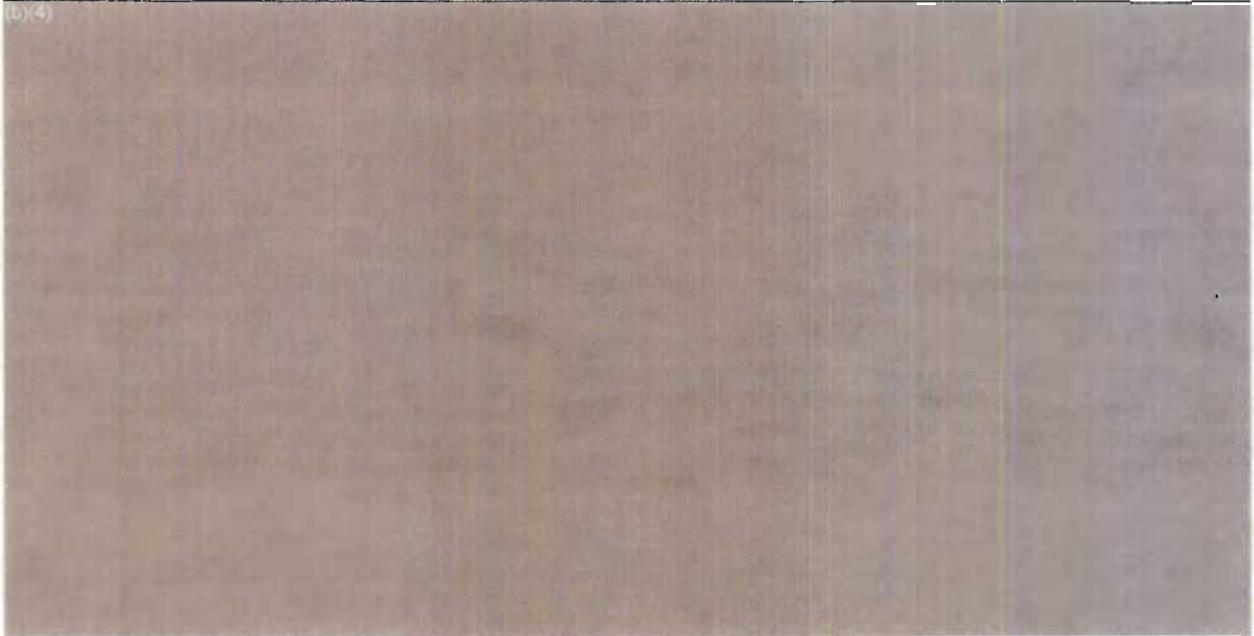
16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL [Redacted]	b. TITLE Program Manager, IR Systems	c. TELEPHONE (include Area Code) [Redacted]
d. ADDRESS (include Zip Code) HQ USSOCOM/SCAL-FWD 7701 TAMPA POINT BLVD MACDILL AFB, FL 33621-5323	17. REQUIRED DISTRIBUTION	
e. SIGNATURE [Redacted]	<input checked="" type="checkbox"/> a. CONTRACTOR <input checked="" type="checkbox"/> b. SUBCONTRACTOR <input checked="" type="checkbox"/> c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR <input type="checkbox"/> d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION <input checked="" type="checkbox"/> e. ADMINISTRATIVE CONTRACTING OFFICER <input checked="" type="checkbox"/> f. OTHERS AS NECESSARY	

MH-53 GFE/GFI Requirements

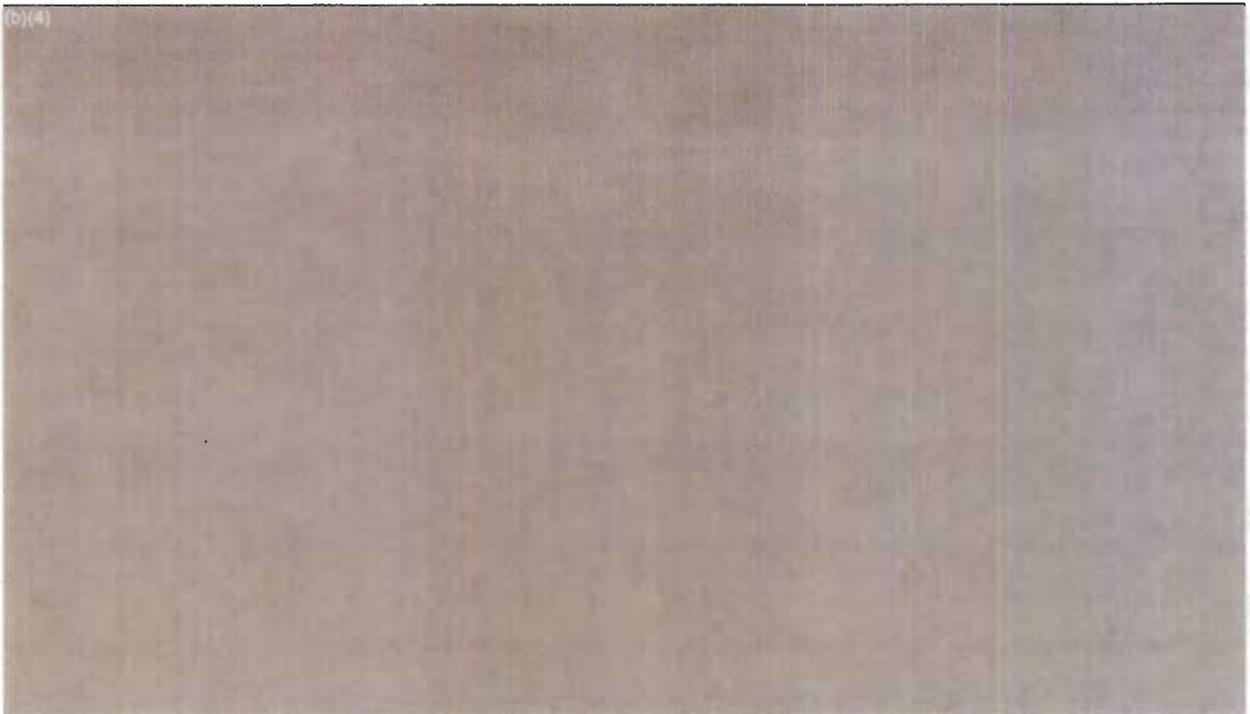
A. Government Furnished Equipment:

(b)(4)

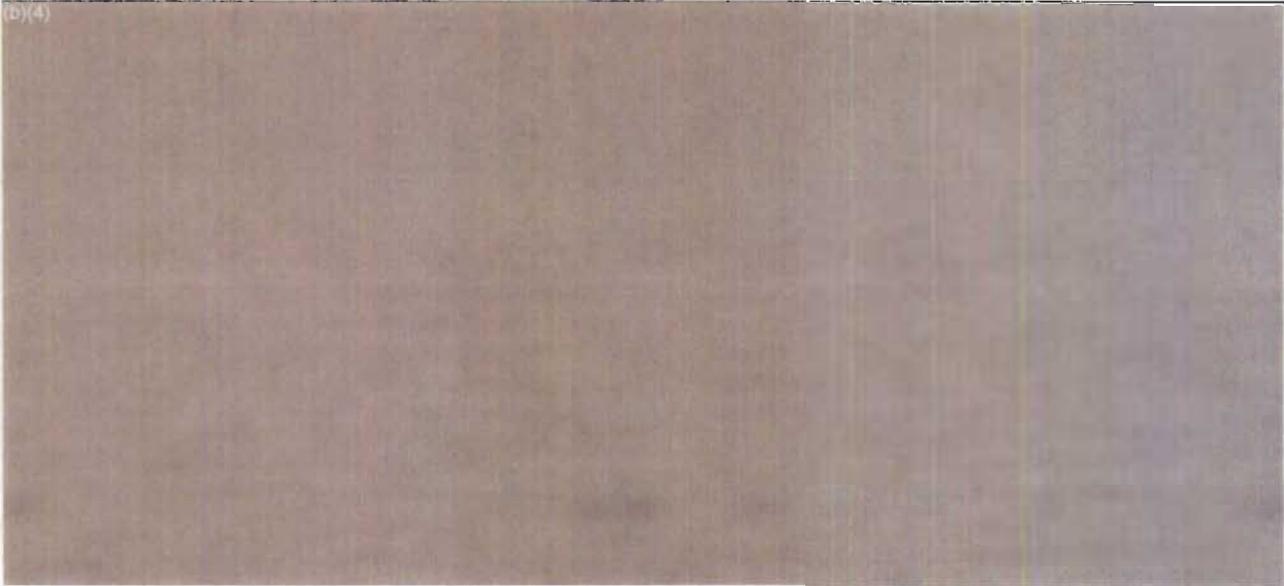


B. Government Furnished Information:

(b)(4)

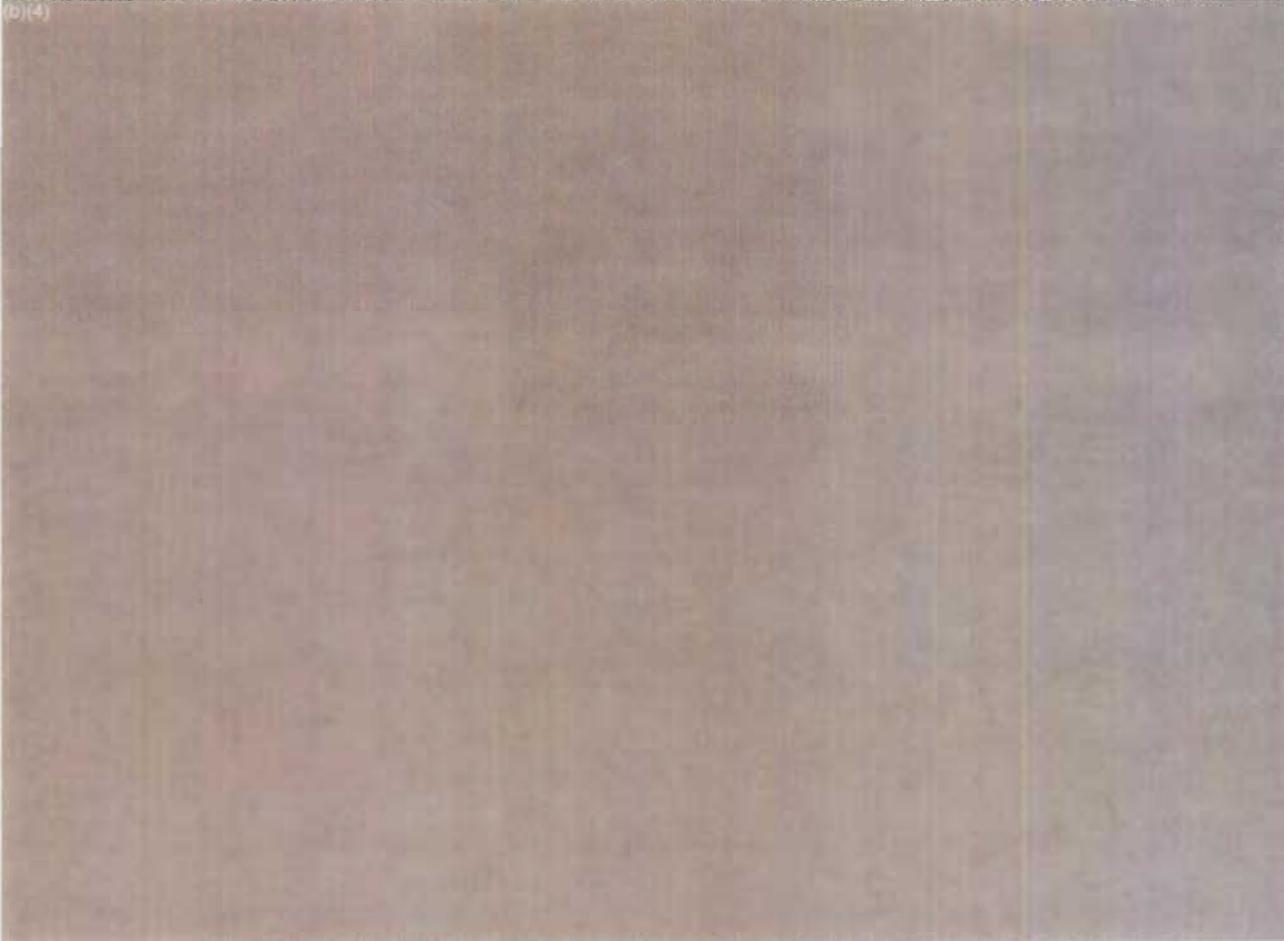


(b)(4)

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MH-53 GFE/GFI Requirements

(b)(4)

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Attachment 2
USZA22-03-D-0005/PZ0001

*Aircraft Availability - The MH-53 aircraft will be delivered to the local WR-ALC representative at Crestview Aerospace, FL. The delivered aircraft shall be made available by the Government to the contractor and its subcontractors as required for the installation of the laser based DIRCM system. The availability of the aircraft shall be such as to support the delivery schedules of the contract.

C. GFE (Group B and Initial Spares) Payback Schedule
(Applies to SLIN 0010AA and CLIN/SLINs 0011)

<u>GFE</u>	<u>Payback</u>	<u>Return Date</u>
Processors	2	1/31/2004
Processors	2	2/28/2004
Processor	1	3/31/2004
Processors	2	4/30/2004
Processor	1	5/31/2004
MWS	14	8/31/2003
MWS	14	9/30/2003
MWS	3	10/31/2003
CIUs	3	10/31/2003
CIUs	6	11/30/2003

Northrop Grumman Systems Corporation (NGSC)

Comprehensive Small Business Subcontracting Plan
Fiscal Year 2003

Proposed to:

Defense Contract Management Agency (DCMA)

From:

Procurement & Materials Management
Procurement Administration Department

Document Date: July 1, 2002

Revision Level: 4

Date: 11.13.02

Contractor		Government	
Katherine A. Gray	Date		Date
<i>Vice President</i>			<i>Divisional Administrative Contracting Officer</i>
<i>Procurement & Materials Management</i>			<i>DCMA, Northrop Grumman</i>
<i>Contractor's Point of Contact</i>			

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1. Introduction

Northrop Grumman Systems Corporation, Electronic Systems, (NGSC-ES) welcomes the opportunity to continue participating in the DOD Comprehensive Small Business Subcontracting Plan Program during FY03. Our continuing commitment to small business concerns has been demonstrated throughout the years. Our participation in this program provides an opportunity to enhance and expand our Socio-Economic Business Program while reducing some of the related administrative costs.

During FY03, it is our goal to achieve a (b)(4) Small Business subcontracting. Our goals for each of the sub-categories of small are as follows:

- ◆ (b)(4)
- ◆
- ◆
- ◆
- ◆
- ◆

* Assumes these category of firms will register in Pro-Net and/or make their classification known to potential buyers.

NGSC-ES recognizes the importance and the economic value offered by small business concerns to our enterprise and the nation. Accordingly, we will extend a concerted effort to identify, and utilize Small Business concerns. Additionally, we will exert our best efforts to achieve our goals.

Beginning in FY02 and continuing in FY03, NGSC-ES will define specific strategies to identify, develop and increase business opportunities with Veteran Owned Small Business (VOSB) concerns. In view of this group's significant contribution to our nation, and the recent government legislation, NGSC-ES is determined to lead the aerospace industry in utilization. Accordingly, we have executive level support for our initiatives and increased emphasis relating to VOSB. We recognize that achieving our goal will be challenging in today's environment. Our strategy for success will include the following:

- ◆ (b)(4)

The FY03 plan will cover procurement activity in support of the NGSC-ES operations prior to the Litton acquisition. The locations included in the plan for FY03 are identified below:

- ◆ (b)(4)

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(b)(4)

At this time, the plan will not include

(b)(4)

(b)(4) These locations are being evaluated for future inclusion as permitted by the D.C.I.R.C. Department of Defense (DOD).

2. Company Policy

The Corporate Vice President and President, NGSC-ES, Robert P. Iorizzo, signed the current Small Business Program Policy on October 1, 2001. It addresses

(b)(4)

(b)(4) The mission of the NGSC-ES Socio-economic Business Programs Office is to utilize to the maximum extent practical Small Business concerns in every procurement decision (direct and indirect purchases) for all U.S. Federal Government, Commercial and International Customers.

3. Effective Period of Plan

Our Comprehensive Small Business Subcontracting Plan will cover the period October 1, 2002 through September 30, 2003. It is presented in accordance with the requirements of DFARS 252.219-7004 (*Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (Test Program)*), it replaces FAR clauses 52.219-9 (*Small Business Subcontracting Plan*), 52-219-10 (*Incentive Subcontracting Program*), 52.219-16 (*Liquidated Damages- Subcontracting Plan*), and DFAR clause 252.219-7003 (*Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan (DUE) Contracts*).

4. Definitions

As used in this Comprehensive Small Business Subcontracting Plan, the term

(b)(4)

(b)(4) shall be interpreted as defined in Federal Acquisition Regulations (FAR) Part 19.

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5. **Reporting**

NGSC-ES will provide to the Government required data relating to our participation in the Comprehensive Small Business Subcontracting Plan Program. NGSC-ES will report our performance under this Comprehensive Small Business Subcontracting Plan in accordance with the instructions for the semi-annual SFD95 Summary Subcontracting Report and other related directives. We will participate in any reviews, surveys, and/or studies that may be required as a participant in this program.

(b)(4) We will continue to flow down the requirements of FAR 52.219-9 to our large business suppliers and ensure that our subcontractors agree to submit SFD94 and SFD95 reports as applicable.

Surveillance reviews concerning this plan will be performed for the Administrative Contracting Officer (ACO) through the following office:

DCMA Baltimore
Attn: Assistant Director of Small Business
DCMDE-GTDC
21st East Redwood Street
Baltimore, MD 21202-5299

6. **Goals**

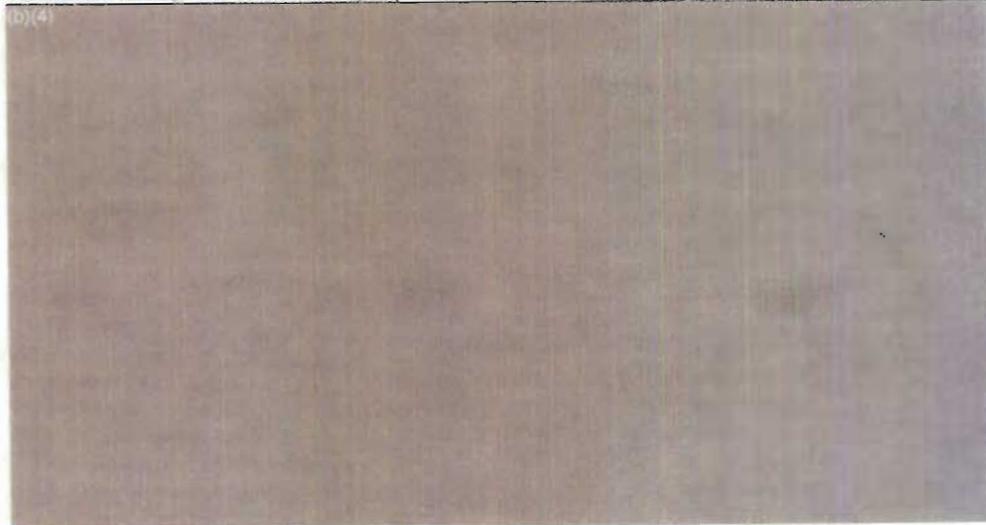
Our purchasing forecast under DoD contracts, including overhead subcontracts, is estimated (b)(4). Based on this forecast, our plan for FY'03 purchases with Small Business concerns as indicated immediately below. NGSC-ES believes that the percentages expressed below represent a challenge given the consolidations and emphasis in industry for synergy savings across corporate business elements.

Projected Subcontracting for FY'03	(b)(4)	
	Dollars	Percentage
(b)(4)		

Fiscal Year 2003 Comprehensive Plan Forecast

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The FY'03 goals are the result of an assessment of projected purchases under DoD contracts in FY'03 as contained in the NGSC-ES Material Resource Plan Summary. Activities that will impact performance in all Small Business categories include:



Identified immediately below is the DoD forecast for FY'03. The identified programs and/or projected business area purchases are as follows:

Program/Business Areas	Projected Dollars (S - Millions)
Aerospace Systems	(b)(4)
Land Combat	
VIS	
Firefinder	
Missiles	
Combat Avionics	
F22	
F16	
JSF	
Space	
SBIRS	
TES	
Airborne Surveillance	
JS TARS	
RSIP	
EDA	

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C4 ISR & Naval Systems	(b)(4)
PCS	
PDS sensors	
Oceanic	
SD&T	
Defensive Systems	
ALQ 131	
ALQ 135	
ALQ 162	
ASP	
Listening	
DIRCM	
Budget Operation & Maintenance	
R&D/B&P	
Grand Total	

Current business strategies frequently result in (b)(4) Common business practices such as teaming with other large firms, total solution requirements, and corporate leveraging (b)(4)

(b)(4) We aggressively seek to engage those small businesses whose agility, cost competitiveness and overall responsiveness to requirements provide the best value.

Our challenge continues to be one of (b)(4) in federal government subcontracting. Moreover (b)(4) industry and government have a significant impact upon our efforts.

8. Principal Supplies and Services

NGSC-ES procures products and services that support the U.S. Government. NGSC-ES provides but is not limited to the design, development and manufacture of Combat Avionics, Defensive Systems, Intelligence Surveillance and Reconnaissance, C4 Air Defense, Land Combat, Marine and Naval Systems, Communications, Space Systems, and Logistic

The procurement activity will include both large and small suppliers. Historically (b)(4) for the following categories of products:

- 1. Antenna Systems
- 2. Interrogators-IFF
- 3. Transmitters

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4. Crypto Logic Equipment
5. Shelters
6. Radar Data Processors
7. Radar Display Control Units
8. Rotary Joints
9. Targeting and Navigation Optics
10. Laser Systems
11. Gimmel Waveguide Assy
12. Antenna Towers

NGSC-ES will provide opportunities for (b)(4) to compete in as many areas as possible including those listed above where qualified sources are identifiable. However, we believe that the specific areas of (b)(4)

(b)(4) are

1. Mechanical Components
2. Electronic Components
3. Contract Labor
4. Computer Hardware and Peripherals
5. Moving, hauling, and rigging
6. Facilities (Building & related services)
7. Furniture
8. MRO supplies
9. Construction and contracting
10. Training and professional services
11. Promotional Material

9. Goal Development Methods

NGSC-ES methods for developing (b)(4) include two basic approaches.

1. A review of (b)(4) in support of current contracts for products that are deliverable in CY 2003. This review will reflect the expected "direct" purchases during the year. This approach assures us that the goals are both challenging and realistic.
2. An assessment of (b)(4) expenditures projected for CY 2003. This assessment will determine the amount of (b)(4) by NGSC-ES to support our plant operations and independently funded projects. A review of the Northrop Grumman's (b)(4) over the past few years was utilized to determine the amount of (b)(4) that would be allocated to the DOD direct procurement dollars. The analysis indicated that NGSC-ES (b)(4) are largely composed of Department of Defense products. Additionally, certain departments and their related costs

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are established and structured for the (b)(4). Accordingly, the (b)(4) to reflect this relationship.

Departments such as (b)(4) exist solely for compliance with US government regulation and special requirements of our DoD customer. Our (b)(4) a prime example of (b)(4) developed to support a requirements for separate visibility and accountability of program specific parts

The foregoing analysis (b)(4) associated with this case result (b)(4) and the impact (b)(4) for the development of the (b)(4)

We derive the dollar values by applying the applicable goal percentage to the total purchases forecast. Our past performance is delineated in Attachments A & B hereto

10. Identification and Development of Potential Sources

NGSC-ES uses numerous methods to locate Small Business concerns. We have developed and maintain (b)(4) (b)(4) All personnel involved in actual contract and subcontract activities are (b)(4) Additionally, the SEBP office conducts (b)(4) personnel (senior management, programs, contracts, procurement, materials and support).

Our personnel are encouraged (b)(4) Our (b)(4) to entities such as NGSC-ES or other Customers. During (b)(4)

We will (b)(4) identify sources and well as established business organizations. We will engage our (b)(4) representatives where possible as well as (b)(4)

Small Business concerns are given (b)(4) As well, we determine the level of assistance that NGSC-ES can provide (b)(4) NGSC-ES will provide (b)(4) for the ultimate Customer.

In FY'03 we plan to identify procurement opportunities on (b)(4) Notwithstanding the changes in acquisition strategies and the compression of the supplier base, NGSC-ES has continuously focused on achieving broad utilization of (b)(4) concerns

11. Administration of Plan

The Manager, NGSC-ES Small-Economic Business Programs, coordinates the activities in support of the organizational program and those specific efforts relating to the Comprehensive Small Business Subcontracting Plan Program. Yet, specific functional areas

(b)(6)

(b)(6) and the attainment of our specific goals in the Comprehensive Small Business Subcontracting Plan Program.

The Manager, Socio-Economic Business Program, (b)(6)

(b)(6)

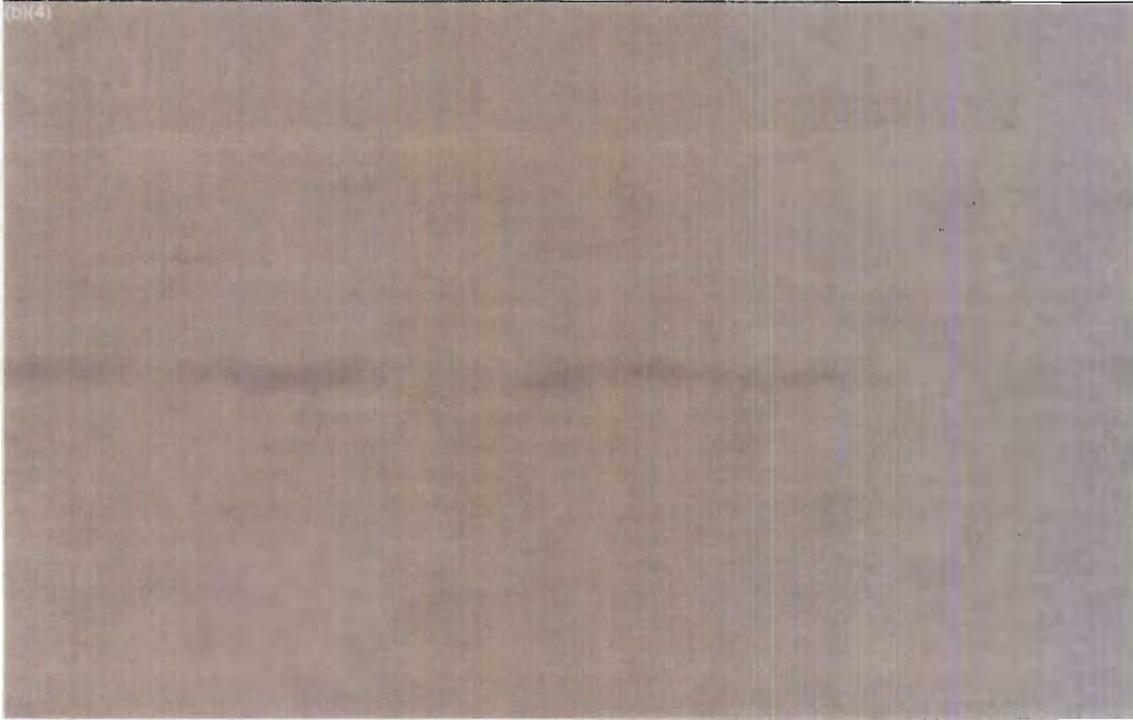
(b)(6) and submits the required reports as outlined for NGSC-ES' participation in this Program. The Manager, Socio-Economic Business Programs can be contacted at (b)(6) via computer facsimile at (b)(6) or through e-mail at (b)(6)

12. **Publicity**

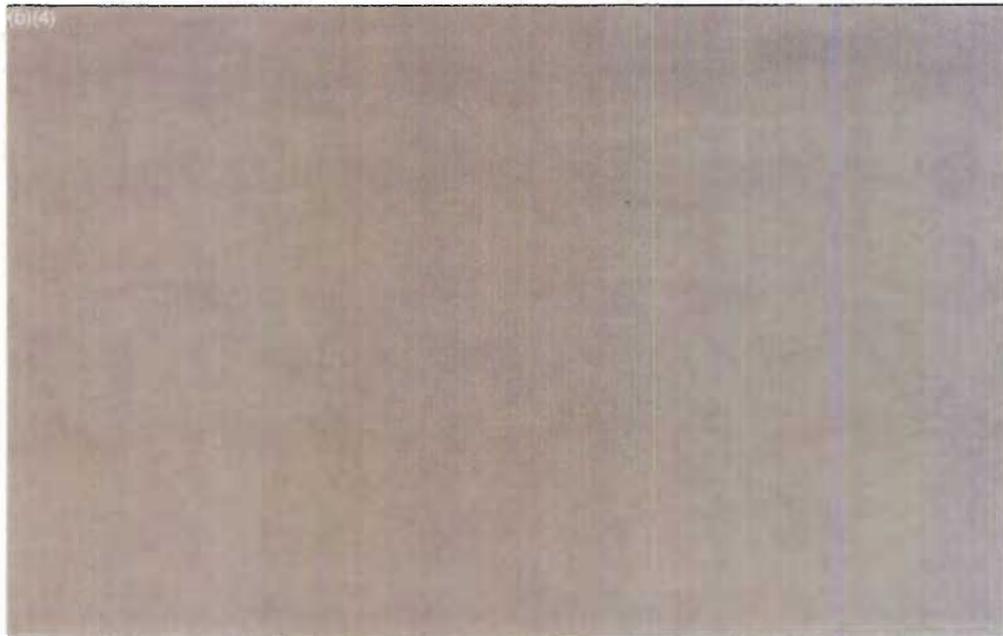
A variety of innovative techniques and approaches have been developed to accomplish our Socio-Economic Business Program (SEBP) objectives. Some of these were established to provide information to NGSC-ES personnel concerning goals, performance to goals and awareness. Others were designed to (b)(6)

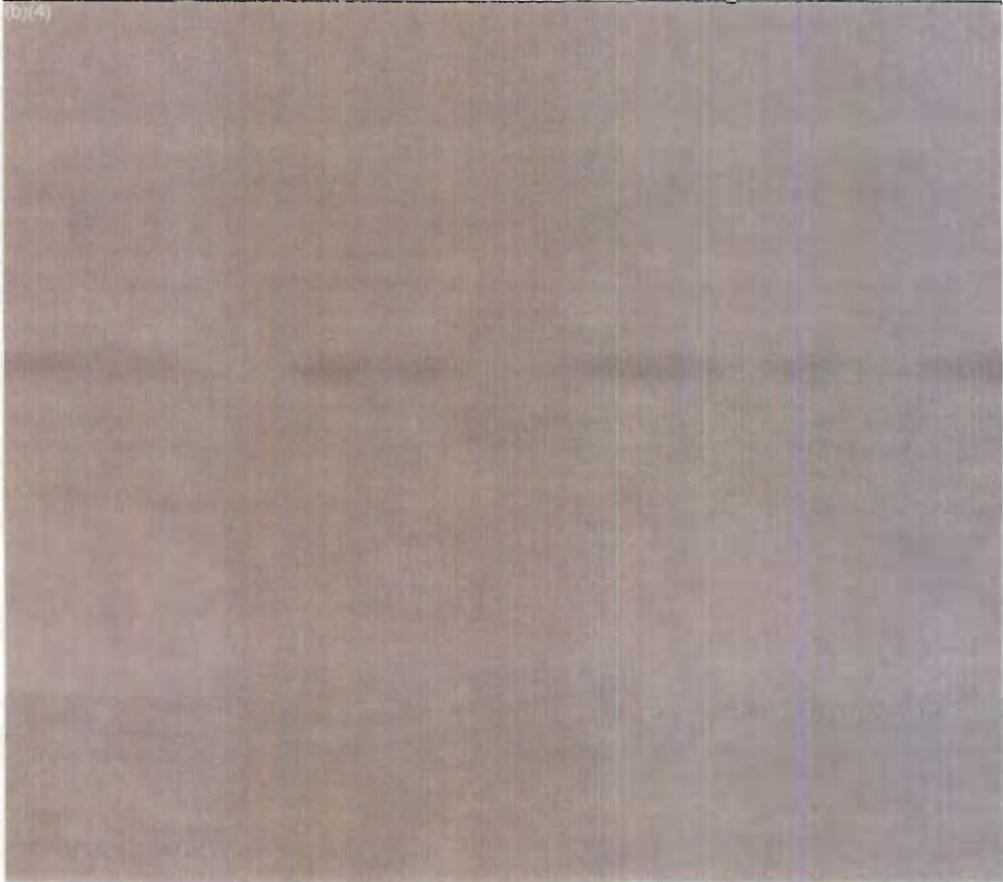
(b)(6) Some of the techniques used are:

[Large redacted area]



13. **Efforts to Demonstrate Equitable Utilization**





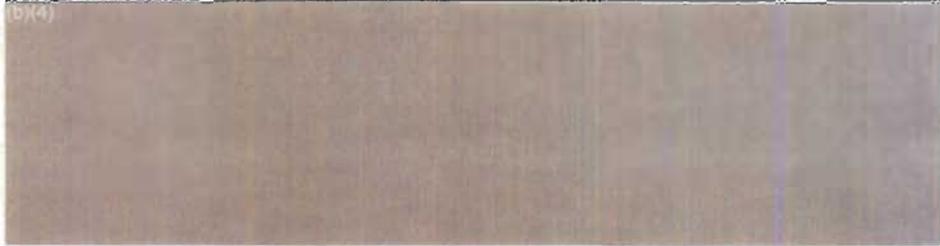
14. **Resources & Records**

The resources that we employ to identify suppliers are numerous and diverse. The following represents a sample of some of them.



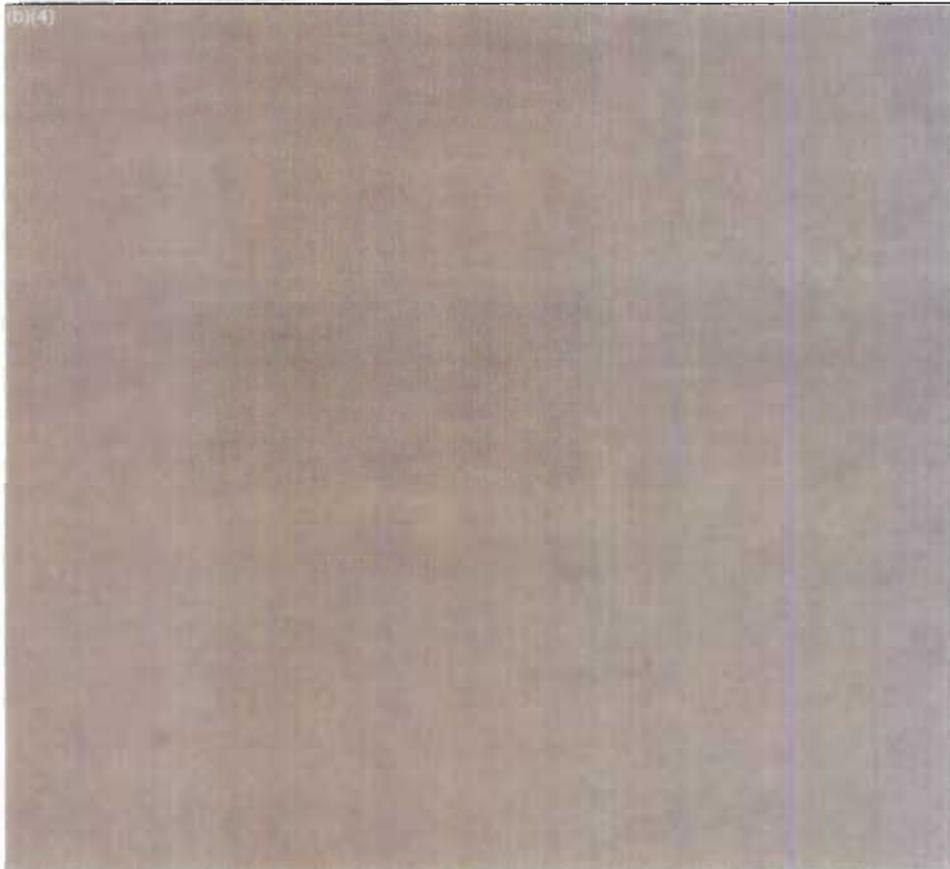
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RECORDS

NGSC-ES has established several methods for supplier visibility and record keeping. Some of the methods are as follows:



NGSC-ES will cooperate in any studies, or surveys, submit periodic reports, submit standard form (SF) 294 and 295 as may be required. Additionally, NGSC-ES will ensure that (b)(4)

15. Public Outreach Efforts

NGJSC/ES continues to demonstrate its strong commitment to the development of Small Business concerns. In FY02 our outreach activities were extensive. A detail listing of the various events that we participated in during FY02 is included as Attachment C "Socio-Economic Business Programs Calendar of Events" hereto. The major events are as follows:

(b)(4)

During the conference, we had representation from local personnel and those from other sectors of Northrop Grumman Corporation.

(b)(4)

Representatives from various local areas attended this event:

(b)(4)

(b)(4)

(b)(4)

In FY 02, Corporate and local personnel will represent Northrop Grumman. Northrop Grumman has sponsored one or more events during this conference.

(b)(4)

Northrop Grumman is represented on the board of this organization. As a corporation we support the events hosted by this organization on a local and corporate level.

In FY03, we are planning focused events for Small Business Concerns that will include participation by (b)(4) within the Corporation.

16. Procurement Fairs

NGJSC/ES supports a number of local and regional trade fairs and conferences designed to increase awareness of Small Business concerns and their capability. They include:

(b)(4)

A detail listing of the various events that we participated in during calendar year 2002 is included as Attachment C "Socio-Economic Business Programs Calendar of Events" hereto.

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17. (b)(4)

NGSC-ES is committed to subcontracting with (b)(4) concerns. In order to achieve our goal, we continue to provide training and actively search for firms that are (b)(4). Our training includes demonstrations on how to access PRO-Net to identify (b)(4) suppliers. We seek sources through our (b)(4).

(b)(4) During FY02, we continued to dialogue and research the capabilities of small businesses that are (b)(4). Specially, we were focused on firms (b)(4).

(b)(4) During FY02, we will continue our efforts and seek to include other firms (b)(4).

Several (b)(4) Our senior management has committed to aggressively pursue (b)(4).

(b)(4)

Our goal reflects our projected requirements and the number of (b)(4) in our industry. Further, we have a continuing need to (b)(4). During our outreach activities, we will seek to identify more firms for subcontracting opportunities that are (b)(4).

18. **WEB Site Connection**

(b)(4)

NGSC-ES (b)(4) web site
www.northgrum.com (b)(4)

(b)(4)

Currently (b)(4) This site includes other resource links to (b)(4). We will (b)(4).

(b)(4)

19. **Targeted Industry Categories**

(b)(4)

NGSC-ES will continue its focus on (b)(4) categories as follows:

Targeted Industry Category	Percentages (%)	Dollars (\$)
(b)(4)	(b)(4)	(b)(4)
Small Business Concerns	(b)(4)	(b)(4)
Targeted Industry Category	Percentages (%)	Dollars (\$)
(b)(4)	(b)(4)	(b)(4)
Small Business Concerns	(b)(4)	(b)(4)
Our efforts will be focused on those firms that (b)(4)		

In addition, NGSC-ES will focus on the development of Small Business concerns (b)(4). We will (b)(4). We will (b)(4) where the participation of Small Business concerns (b)(4). We will (b)(4).

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establish our baseline in October 2002, and

Periodically, we will

20. **DOD Pilot Mentor Protégé Program**

During FY02, NGSC-ES continued its participation in the Mentor Protégé Program.

The current agreements are with the firms identified below:

We anticipate approval for additional Protégés under the DoD Mentor Protégé Program during FY03.

Our strategy will be to identify a protégé that has a business acumen that aligns with our requirements. The potential for significant subcontracting opportunities within the next two years will be an evaluation factor.

Northrop Grumman recognizes that the Federal Government has

obtain maximum opportunity to compete for subcontract awards. We continue to

NGSC-ES continued. The activities included:

In FY02, NGSC-ES continued to

Traditionally, our

frequently, our support

Each year our

are invited to review the research project and submit proposals that may result in funded projects.

During FY02, the

(b)(4) As a result, additional funding will be available

(b)(4)

We plan to continue those activities that have been (b)(4) in FY03.
NGSC-ES will pursue (b)(4)

Overall, our activities are protected in insurance because a member of our senior management team has accepted the (b)(4)
(b)(4) a cooperative effort between industry and (b)(4)

(b)(4)
Since the membership includes other U.S. Government prime contractors and some of our Customers there is an opportunity for
(b)(4) One of the anticipated results of this

22. **Focused Business Initiatives**

(b)(4)

Our (b)(4) has become a part of our overall effort to increase awards to Small Business concerns. NGSC-ES continues to aggressively pursue business with (b)(4). As our outreach activities continue, we fully expect to identify other (b)(4) sources that can support our requirements.

NGSC-ES presently is doing business with the following (b)(4)

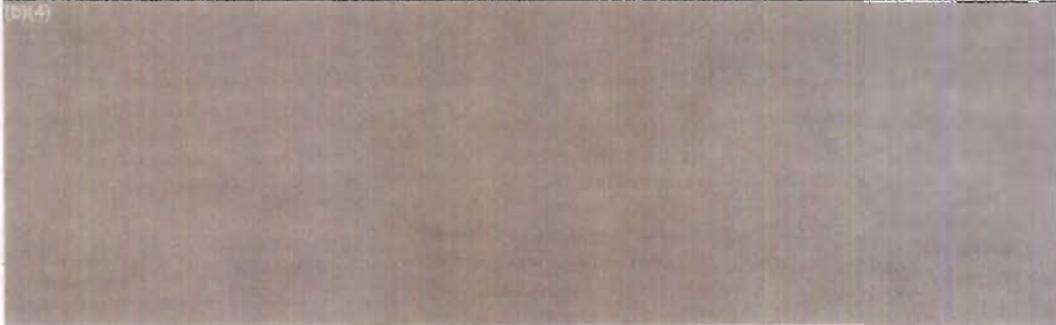
(b)(4)

(b)(4)

Our (b)(4) supplier initiative is another focused strategy for Small Business concerns. During FY02, NGSC-ES (b)(4) suppliers. In FY03, we will expand our initiatives to increase the awards to (b)(4) suppliers for other products and services that support our contract requirements and the enterprise. One of our sector initiatives is to expand the utilization of current (b)(4) suppliers within other business elements of NGSC-ES as well as other sectors of the corporation. We will explore strategies to increase competition in certain commodity and service procurements to (b)(4) suppliers.

Timely Payment of Invoices for Small Businesses

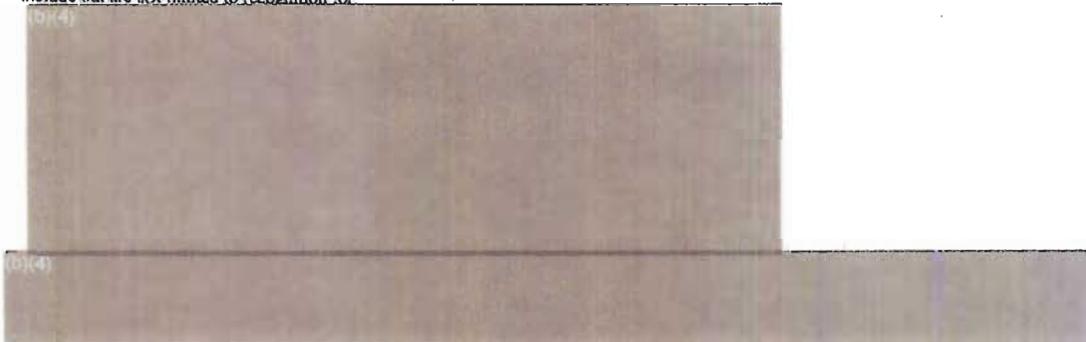
NGSC-ES is committed to the proper and timely payment of invoices. With the implementation of SAP, NGSC-ES gained another tool to expedite payment to those suppliers that supply material and services. We recognize that cash flow is paramount to the survival of a small business. Accordingly, any issues relating to slow or inaccurate payment will be addressed utilizing the following steps:



23. **Annual Awards Program**

Each year NGSC-ES hosts an Annual Program Review and Awards Program to showcase our Socio-Economic Business Program. The purpose of this program is to highlight the accomplishments that NGSC-ES has achieved in the previous year. During this event, individuals and groups from varying disciplines across the sector are recognized for significant contribution to the program and presented with awards. Additionally, this event provides another opportunity to remind our personnel of goals for the new fiscal year. Attendance at this event includes represented, professional, management and executive personnel from ES and other business sectors of the corporation.

The program includes a keynote address by an individual who is a recognized advocate for minority business development. Awards include but are not limited to recognition for:



24. **NGSC-ES Awards**

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Over the years, federal government customers and industry associations have recognized NGSC-ES as having an outstanding Socio-Economic Business Program. In FY00, the DoD recognized NGSC-ES for its (b)(4). During the annual MPP Conference, NGSC-ES was presented with a Nunn-Perry Award.

During FY01, the DCMA recognized NGSC-ES consistent efforts in small business utilization and assigned a rating of "Outstanding" to the Small Business Program. Also, the Small Business Administration recognized NGSC-ES efforts in small business utilization and assigned a rating of "Outstanding" to the Small Business Program.

NGSC-ES (b)(4) was awarded the Dwight D. Eisenhower Award for Excellence during the 2002 National Small Business Conference held in Washington, DC. This award recognized our efforts in the Manufacturing Category.

25. **Training**

NGSC-ES conducts (b)(4) training for senior personnel. This training includes information relating to (b)(4) training relating to the Comprehensive Small Business Subcontracting Program. Briefing (b)(4) ensure awareness of our overall Socio-Economic Business Program and the specific requirements of this (b)(4) Small Business Subcontracting Plan Test Program.

(b)(4)

(b)(4) These initiatives serve to increase the recognition of our small business program as an enterprise initiative and promote greater understanding of the program requirements.

The approved Comprehensive Small Business Subcontracting Plan and related attachments is posted in an electronic format on the Intranet. As a result, it is readily available for review and use by our personnel.

26. **FY'03 Small Business Participation Improvement Objective & Metrics**

NGSC-ES recognizes the DoD focus on increased subcontract opportunities and overall integration of small business concerns into the federal marketplace. In this regard, we plan to undertake the following improvements actions:

(b)(4)



27. ATTACHMENTS

Additional data in support of the information provided herein is included in the attachments delineated below:

Attachment A: *Comprehensive Plan Subcontracting History (* FY'02 Data Thru September 2002)
Attachment B: Industry Categories Subcontracting History
Attachment C: 2002 Socio-Economic Business Programs Calendar of Events As of September 2002;
Attachment D: Listing of Northrop Grumman Small Business Liaison Officers (SBLO's) (As of September 2002)

End of Document

USA22-03-2-0005-F-20001 Section J, Attachment 5
SECTION E: Acceptance Criteria



03/4

(b)(4)



**CONTRACT DATA REQUIREMENTS LIST
(CDRL)**

FOR

**IRCM INSTALLATION
ON THE MH-53**

USZA22-03-D-0005

19 MAY 2003

TABLE OF CONTENTS
MH-53 CDRL PACKAGE - 19 MAY 2003

CDRL No.	TITLE	DID	OPR
A001	Contract Change Proposals	DI-ADMIN-81401A/T	Contracts
A002	LMI Data Product – Provisioning Technical Doc.	DI-ALSS-81529/T	Logistics
A003	Logistics Management Information (LMI) Maintenance Requirements	DI-ALSS-81530/T	Logistics
A004	Supplemental Data for Provisioning (SDFP)	DI-ALSS-81557	Logistics
A005	Engineering Change Proposal	DI-CMAN-80639C/T	Engineering
A006	Request for Deviation	DI-CMAN-80640C/T	Engineering
A007	Specification Change Notice (SCN)	DI-CMAN-80643C/T	Engineering
A008	System/Segment Interface Control Specification	DI-CMAN-81314/T	Engineering
A009	Integrated Logistics Support Plan	DI-ILSS-80095/T	Logistics
A010	System Subsystem Specification (SSS)	DI-IPSC-81431A/T	Engineering
A011	Contract Funds Status Report (CFSR)	DI-MGMT-81468	Finance
A012	Master Schedule	DI-MISC-81183A/T	Scheduling
A013	Conference Minutes	DI-ADMIN-81250A	PMO
A014	Scientific and Technical Reports	DI-S-3591A/T	Eng
A015	Data Accession List (DAL)	DI-MGMT-81453/T	TDM
A016	Commercial System Manual	NA	Logistics
A017	Time Compliance Technical Order (TCTO)	DI-MGMT-81325	Logistics
A018	Training Materials	DI-ILSS-80872/T	Logistics
A019	Aircraft Survivability Analysis	TBD	Engineering
A021	Aircraft Test Matrix	TBD	Engineering
A022	Aircraft Installation Data: Installation Control Drawings	DI-DRPR-81242/T	Engineering
A023	Acceptance Test Plan	DI-QCIC-80553/T	Engineering
A024	Facility Design Criteria	DI-FACR-81451/T	Logistics
A025	Group A Installation Dwg Pkg – Level 2	DI-DRPR-81000A/T	Engineering
A026	Installation Dwg Pkg – Level 3 (Option)	DI-DRPR-81000A	Engineering
A027	Technical Manuals – Source Data.	NA	Logistics
A028	Deficiency Reports	DI-ALSS-81535/T	Engineering
A029	Computer Resources Integrated Support Document (CRISD)	DI-MCCR-80024A/T	Engineering
A030	Request for Waiver	DI-CMAN-80641B/T	Engineering

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Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Using Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER ADMN			
D. SYSTEM/ITEM MH-53 IRCM		E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman			
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Contract Change Proposals (CCPs)			3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81401A/T		5. CONTRACT REFERENCE Sow para. 6.0		6. REQUIRING OFFICE USSOCOM SOAL-FWD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION ASREQ	14. DISTRIBUTION			
8. APP CODE A	11. AS OF DATE N/A	13. DATE SUBSEQUENT SUBMISS ASREQ	a. ADDRESSEE	b. COPIES	Final	Draft	Reg
16. REMARKS							
<p>BLK 4: The contractor shall submit CCPs to propose nonbaseline changes to the contract. Contractor format is acceptable.</p> <p>BLK 12: The contractor shall submit proposals, revisions or changes as requested in writing by the PCO. Proposals shall be worked jointly between the Government and Contractor until such time as a final proposal is agreed upon. The contractor shall submit a final copy of the proposal at a time mutually agreed to during the proposal development.</p>							
				TOTAL			
G. PREPARED BY 613076 U.S.C. 1306 (D/B)		H. DATE 19 MAY 03		I. APPROVED BY 613076 U.S.C. 1306 (D/B)		J. DATE 19 MAY 03	

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188	
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A. CONTRACT LINE ITEM NO. 0013AA		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER ALSS			
D. SYSTEM/ITEM MH-53 IRCM		E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman			
1. DATA ITEM NO. A002		2. TITLE OF DATA ITEM Logistics Mgt Info (LMI) Data Product		3. SUBTITLE Provisioning Tech Doc (PTD)			
4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81529/T		5. CONTRACT REFERENCE SOW para. 3.13, 3.14		6. REQUIRING OFFICE: USSOCOM SOAL-FWD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY AS REQ	12. DATE OF FIRST SUBMISSION AS REQ	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISS AS REQ	a. ADDRESSEE		b. COPIES	
					Dist	Reg	Other
16. REMARKS BLK 4: b. The Prime Provisioning Activity (PPA) for this effort is USSOCOM. c. Specific summaries to be delivered on this contract are: (1) _____ Provisioning Parts List (PPL) Topdown Sequence (2) <input checked="" type="checkbox"/> Short Form Provisioning Parts List (SFPPL) (3) _____ Common and Bulk Items List (CBIL) (4) _____ Design Change Notice (DCN) (5) _____ Statement of Prior Submission (SPS) (6) _____ Long Lead Items List (LLIL). Select one of the following: _____ LLIL-SAIP (Items recommended for Spares Acquisition Integrated with Production and NLT 165 days prior to contractor's order need date or as determined at the PGC). _____ LLIL-Interim Release (Items interim released by the contractor when interim release is authorized by the contract.) _____ LLIL-Recommend (Items recommended as LLIL)				SOAL-FWD	1		
				WR-ALC/LUHJ	1		
				SOAL-K	1	Ltr	Only
G. PREPARED BY (b)(3) (10) (15) (16) (17) (18)		H. DATE 19 MAY 03		I. APPROVED BY (b)(3) (10) (15) (16) (17) (18)		J. DATE 19 MAY 03	

CONTRACT DATA REQUIREMENTS LIST					Form Approved OMB No. 0704-0188		
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A. CONTRACT LINE ITEM NO. 0013AA		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER ALSS			
D. SYSTEM/ITEM MH-53 IRCM			E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman		
1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM Supplemental Data for Provisioning			3. SUBTITLE (SDFP)			
4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81557		5. CONTRACT REFERENCE SOW para. 3.13, 3.14			6. REQUIRING OFFICE USSOCOM SCAL-FWD		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED 0	10. FREQUENCY BLK16	12. DATE OF FIRST SUBMISSION BLK16		14. DISTRIBUTION b. COPIES		
8. APP CODE A	11. AS OF DATE N/A	13. DATE SUBSEQUENT SUBMISS BLK16		a. ADDRESSEE	Dist	Reg	Final
16. REMARKS BLKS 10, 12 & 13: SDFP is to be delivered concurrent with A002.					SCAL-X		
					TOTAL		
3. PREPARED BY (b)(3) (10 U.S.C. 1306) (b)(6)		4. DATE 19 MAY 03		5. APPROVED BY (b)(3) (10 U.S.C. 1306) (b)(6)		6. DATE 19 MAY 03	

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188								
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government using Contracting Officer for the Contract/PR No. listed in Block E.														
A. CONTRACT LINE ITEM NO. 0014AA & 0014AN			B. EXHIBIT A		C. CATEGORY: TDP TM OTHER ILSS									
D. SYSTEM/ITEM MH-53 IRCM			E. CONTRACT/PR NO.			F. CONTRACTOR Northrop Grumman								
1. DATA ITEM NO A009		2. TITLE OF DATA ITEM Integrated Logistics Support Plan (ILSP)				3. SUBTITLE								
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80095/T			5. CONTRACT REFERENCE SOW para. 3.14.1, 3.14.11			6. REQUIRING OFFICE USSOCOM SOAL-FWD								
7. DD 250 REQ LT		9. DIST STATEMENT REQUIRED D		10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION 6M ACA		14. DISTRIBUTION							
8. APP CODE A				11. AS OF DATE N/A	13. DATE SUBSEQUENT SUBMISS AS REQ		a. ADDRESSEE							
16. REMARKS BLK 4: Contractor format is acceptable.								Final						
												Dist	Reg	Repro
												USSOCOM		
												SOAL-FWD	1	0
												SOAL-K	1	0
												WR-ALCALUJ	1	0
												TOTAL		
						G. PREPARED BY (5)(3)(10 U.S.C. 1305), (6)(9)			H. DATE 19 MAY 03		I. APPROVED BY (5)(3)(10 U.S.C. 1305), (6)(9)			J. DATE 19 MAY 03

CONTRACT DATA REQUIREMENTS LIST					Form Approved OMB No. 0714-0188	
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0714-0188), Washington, D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.						
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER IPSC		
D. SYSTEM/ITEM MH-53 IRCM		E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman		
1 DATA ITEM NO A010	2 TITLE OF DATA ITEM System/Subsystem Specification (SSS)		3 SUBTITLE			
4 AUTHORITY (Data Acquisition Document No.) DI-IPSC-81431A/T		5 CONTRACT REFERENCE SOW para. 6.0		6 REQUIRING OFFICE USSOCOM SOAL-FWD		
7 DD 250 REQ LT	9 DIST STATEMENT REQUIRED C	10 FREQUENCY BLK:6	12 DATE OF FIRST SUBMISSION 90D ACA	14 DISTRIBUTION		
8 APP CODE A		11 AS OF DATE N/A	13 DATE SUBSEQUENT SUBMISS BLK16	a ADDRESSEE	b COPIES	
				Dist	Reg	Final
16 REMARKS						
BLK 4: Contractor format is acceptable.						
BLKS 10 & 13: The contractor shall provide updates of the SSS after incorporation of five (5) SCNs or when more than 50% of the pages in the specification have been changed.						
				TOTAL		
S. PREPARED BY (b)(3) (10 U.S.C. 1306) (b)(6)		R. DATE 19 MAY 03		T. APPROVER BY (b)(3) (10 U.S.C. 1306) (b)(6)		U. DATE 19 MAY 03

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0014AB		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER TM			
D. SYSTEM/ITEM MH-53 IRCM		E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman			
1. DATA ITEM NO. A016		2. TITLE OF DATA ITEM Commercial Systems Manual		3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) SEE BLK 16		5. CONTRACT REFERENCE SOW para. 3.14.2		6. REQUIRING OFFICE USSOCOM SOAL-FWD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY OTIME	12. DATE OF FIRST SUBMISSION 4M ACA	14. DISTRIBUTION COPIES			
8. APP CODE A		11. AS OF DATE NA	13. DATE SUBSEQUENT SUBMISS AS REQ	a. ADDRESSEE		Final	
16. REMARKS BLK 4: Customer format is acceptable. Stand-alone maintenance and operator Technical Orders will be provided.				USSOCOM			
				SOAL-FWD		0 1 0	
				SOAL-K		0 0 0	
				TOTAL			
G. PREPARED BY		H. DATE 19 MAY 03		I. APPROVED BY		J. DATE 19 MAY 03	

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. 0014AG		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER TM				
D. SYSTEM/ITEM MH-53 IRCM		E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman				
1. DATA ITEM NO. A018	2. TITLE OF DATA ITEM Training Materials			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-ILSS-80872/T		5. CONTRACT REFERENCE SOW para. 3.14.6			6. REQUIRING OFFICE USSOCOM SOAL-FWD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY OTIME	12. DATE OF FIRST SUBMISSION See Blk 16		14. DISTRIBUTION			
8. APP CODE		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISS See Blk 16		a. ADDRESSEE		Final	
					Dist	Reg	Repro	
16. REMARKS BLK 4: Contractor format is acceptable. Develop materials to train both operator and maintenance personnel in the operation and support of the system. Develop the unique operator and/or maintenance training courseware. BLK 10, 12 & 13: Due at the time of training.					USSOCOM			
					SOAL-FWD	0	1	0
					SOAL-K	0	Ltr Only	0
					TOTAL			
G. PREPARED BY (03)(10 U.S.C. 1306) (b)(6)		H. DATE 19 MAY 03		I. APPROVED BY (03)(10 U.S.C. 1306) (b)(6)		J. DATE 19 MAY 03		

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 4-40 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Using Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0002		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER TM			
D. SYSTEM/ITEM MH-53 IRCM		E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman			
1. DATA ITEM NO. A022		2. TITLE OF DATA ITEM Installation Control Drawings		3. SUBTITLE Aircraft Installation Data			
4. AUTHORITY (Data Acquisition Document No.) DI-IDRPR-81242/T		5. CONTRACT REFERENCE SOW para. 3.1.1		6. REQUIRING OFFICE USSOCOM SOAL-FWD			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY See Blk 16	12. DATE OF FIRST SUBMISSION See Blk 16	14. DISTRIBUTION b. COPIES			
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISS See Blk 16	a. ADDRESSEE		Final	
				Dist	Reg	None	
16. REMARKS							
<p>BLK 4: Use DI-DRPR-81242 as a guide. Contractor format is acceptable. Aircraft installation (Group A) design for an IRCM system on the MH-53 aircraft. Design should focus on replacing the currently installed ALQ-157 and mounting IRCM hardware in the respective positions currently occupied by the ALQ-157. Focus on a two transmitter, four Missile Warning System (MWS) sensor installation.</p> <p>BLK 10, 12 & 13: Preliminary documentation due 30 days after trial installation Final due 16 weeks after Preliminary submittal.</p>							
				TOTAL			
G. PREPARED BY (b)(3)(1) U.S.C. (30b) (1)(6)		H. DATE 19 MAY 03		I. APPROVED BY (b)(3)(1) U.S.C. (30b) (1)(6)		J. DATE 19 MAY 03	

CONTRACT DATA REQUIREMENTS LIST						Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.								
A. CONTRACT LINE ITEM NO. 0015AB			B. EXHIBIT A		C. CATEGORY: TDP TM OTHER TM			
D. SYSTEM/ITEM MH-53 IRCM			E. CONTRACT/PR NO.		F. CONTRACTOR Northrop Grumman			
1. DATA ITEM NO. A026	2. TITLE OF DATA ITEM Installation Drawing Package - Level 3 (Option)				3. SUBTITLE			
4. AUTHORITY (Data Acquisition Document No.) DI-DRPR-8100B-81012B			5. CONTRACT REFERENCE 3.15.2		6. REQUIRING OFFICE USSOCOM SOAL-FWD			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY	12. DATE OF FIRST SUBMISSION		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE SUBSEQUENT SUBMISS		a. ADDRESSEE		b. COPIES	
16. REMARKS							Final	
							Dist Rec Resp	
					USSOCOM			
					SOAL-FWD		0 1 0	
					SOAL-K		0 1 0	
					WR-ALC/LUHJ		0 1 0	
							TOTAL	
G. PREPARED BY 18(3) (10 U.S.C. 1306) (6)(6)			H. DATE		I. APPROVED BY 18(3) (10 U.S.C. 1306) (6)(6)		J. DATE 19 MAY 03	

