

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
U

PAGE OF PAGES
1 2

2. AMENDMENT/MODIFICATION NO.
P00003

3. EFFECTIVE DATE
03-Jun-2019

4. REQUISITION/PURCHASE REQ. NO.
None

5. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N00164

7. ADMINISTERED BY (If other than Item 6)

CODE S0701A

NSWC, CRANE DIVISION
300 Highway 361 - Building 3373
Crane IN 47522-5001

DCMA HARTFORD
130 DARLIN STREET
EAST HARTFORD CT 06108-3234

SCD: C

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

SCIENCE APPLICATIONS INTERNATIONAL CORP
12010 Sunset Hills Road
Reston VA 20190

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119 / N0016419F3001

10B. DATED (SEE ITEM 13)

30-Jan-2019

CAGE CODE 6XWA8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

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

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

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

[X] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the contracting parties

[] 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

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

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

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

03-Jun-2019

BY (Signature of Contracting Officer)

03-Jun-2019

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA
FAR (48 CFR) 53.243

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 2 of 2 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|----------------|-------|

GENERAL INFORMATION

The purpose of this modification is to (1) change and add to Section C Statement of Work paragraph 3.1.3 and (2) update Attachment 7 in Section J.

(1) SECTION C

The changes are underlined below.

3.1.3 Security Requirements

The contractor shall comply with security procedures and instructions as specified by the local Government Security Department and Section C of the SeaPort-e MAC. The nature of the work under this SOW is mostly unclassified. However, some tasks may require access to classified documents and secured lab areas and may involve access to, handling of, and generation of classified material up to and including SECRET. A Department of Defense Form 254 (DD 254) is provided as an attachment in Section J identifying the contractor's facility and safeguarding level of clearance requirements. Classified information may be received or generated by the contractor, in accordance with DoD-5220.22 and NSWCCRANEINST 5510.1, to fulfill the requirements of this Task Order. The contractor shall appoint a Security Officer who shall be responsible for all security aspects of the work performed under this SOW, assure compliance with all DoD regulations regarding security, and assure compliance with any written instructions from the Security Officer of each Government facility.

The contractor shall maintain a SECRET Facility Clearance Level and Safeguarding Storage Level for the duration of the contract. The contractor shall have access to Controlled Unclassified Information (CUI) for the performance of this contract and will safeguard CUI as appropriate per guidance on the DD 254. Operations Security (OPSEC) shall be observed for this performance and appropriate guidance on OPSEC measures are specified on the DD 254. Contractor personnel shall have the appropriate clearance for the classified tasking they are assigned.

(2) SECTION J

Attachment 7 - T&M Subcontractor Loaded Fixed Rates is updated herein to include revised T&M rates for subcontractor, TCS.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from \$2,007,000.00 by \$0.00 to \$2,007,000.00.

The total value of the order is hereby increased from \$8,419,642.00 by \$0.00 to \$8,419,642.00.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 1 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|--------|------|--|-----|------|-----------|-----------|----------------|
| 7000 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP)and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 Labor for Task Areas 1-4. (Fund Type - TBD) | | | | | \$6,069,991.00 |
| 7001 | | Non-personal professional support services for the Platform and Launch Systems Division (GXP)and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 Labor for Task Areas 1-4. | | | | | \$1,907,000.00 |
| 7001AA | R425 | Funding in support of (Task Area 1 - Sustainment/ NAVSUP WSS/TR-343 Transducers). (WCF) | 1.0 | LO | | | \$440,000.00 |
| 7001AB | R425 | Funding in support of (Task Area 2 - Test & Evaluation/ NAVSUP WSS/TR-343 Transducers). (WCF) | 1.0 | LO | | | \$80,000.00 |
| 7001AC | R425 | Funding in support of (Task Area 3 - Logistics/ NAVSUP WSS/TR-343 Transducers). (WCF) | 1.0 | LO | | | \$200,000.00 |
| 7001AD | R425 | Funding in support of (Task Area 4 - Engineering/Technical Support/ NAVSUP WSS/TR-343 Transducers). (WCF) | 1.0 | LO | | | \$80,000.00 |
| 7001AE | R425 | Funding in support of (Task Area 1 - Sustainment/ NAVSEA/DDG122 Engineering and Technical Support) (SCN) | 1.0 | LO | | | \$13,750.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 2 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|--------|------|---|-----|------|------------|------------|--------------|
| 7001AF | R425 | Funding in support of (Task Area 2 - Test & Evaluation/ NAVSEA/DDG122 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$2,500.00 |
| 7001AG | R425 | Funding in support of (Task Area 3 - Logistics/ NAVSEA/DDG122 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$6,250.00 |
| 7001AH | R425 | Funding in support of (Task Area 4 - Engineering/Tech Supt/ NAVSEA/DDG122 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$2,500.00 |
| 7001AJ | R408 | Funding in support of (Task Area 1 - Sustainment/ NAVSEA/DDG128 Engineering and Technical Support). (SCN) | 1.0 | LO | ██████████ | ██████████ | \$8,250.00 |
| 7001AK | R408 | Funding in support of (Task Area 2 - Test & Evaluation/ NAVSEA/DDG128 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$1,500.00 |
| 7001AL | R408 | Funding in support of (Task Area 3 - Logistics/NAVSEA/DDG128 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$3,750.00 |
| 7001AM | R408 | Funding in support of (Task Area 4 - Engineering/Tech Supt/NAVSEA/DDG128 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$1,500.00 |
| 7001AN | R425 | Funding in support of (Task Area 1 - Sustainment/NAVSEA/ AN/SQS 53C Cable Assemblies Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$479,600.00 |
| 7001AP | R425 | Funding in support of (Task Area 2 - Test & Evaluation/NAVSEA/ AN/SQS 53C Cable Assemblies Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$87,200.00 |
| 7001AQ | R425 | Funding in support of (Task Area 3 - Logistics/NAVSEA/ AN/SQS 53C Cable Assemblies Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$218,000.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 3 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|--------|------|--|-----|------|------------|------------|-------------|
| 7001AR | R425 | Funding in support of (Task Area 4 - Engineering/Tech Supt/NAVSEA/ AN/SQS 53C Cable Assemblies Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$87,200.00 |
| 7001AS | R425 | Funding in support of (Task Area 1 - Sustainment/NAVSEA/ DDG123 TR-343 Transducers, Cables, Stave Frames, Connector Kits and Installation Hardware Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$85,250.00 |
| 7001AT | R425 | Funding in support of (Task Area 2 - Test & Evaluation/NAVSEA/ DDG123 TR-343 Transducers, Cables, Stave Frames, Connector Kits and Installation Hardware Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$15,500.00 |
| 7001AU | R425 | Funding in support of (Task Area 3 - Logistics/NAVSEA/ DDG123 TR-343 Transducers, Cables, Stave Frames, Connector Kits and Installation Hardware Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$38,750.00 |
| 7001AV | R425 | Funding in support of (Task Area 4 - Engineering/Tech Supt/NAVSEA/ DDG123 TR-343 Transducers, Cables, Stave Frames, Connector Kits and Installation Hardware Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$15,500.00 |
| 7001AW | R425 | Funding in support of (Task Area 1 -Sustainment/NAVSEA/Sonar Dome Rubber Windows Support) (OPN) | 1.0 | LO | ██████████ | ██████████ | \$13,750.00 |
| 7001AX | R425 | Funding in support of (Task Area 2 - Test & Evaluation/NAVSEA/Sonar Dome Rubber Windows Support) (OPN) | 1.0 | LO | ██████████ | ██████████ | \$2,500.00 |
| 7001AY | R425 | Funding in support of (Task Area 3 - Logistics/NAVSEA/ Sonar Dome Rubber Windows Support) (OPN) | 1.0 | LO | ██████████ | ██████████ | \$6,250.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 4 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|--------|------|---|------------|------|------------|------------|----------------|
| 7001AZ | R425 | Funding in support of (Task Area 4 - Engineering/Tech Supt/NAVSEA/Sonar Dome Rubber Windows Support) (OPN) | 1.0 | LO | ██████████ | ██████████ | \$2,500.00 |
| 7001BA | R408 | Funding in support of (Task Area 1 - Sustainment/NAVSEA/DDG129 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$8,250.00 |
| 7001BB | R408 | Funding in support of (Task Area 2 - Test & Evaluation/NAVSEA/DDG129 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$1,500.00 |
| 7001BC | R408 | Funding in support of (Task Area 3 - Logistics/NAVSEA/DDG129 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$3,750.00 |
| 7001BD | R408 | Funding in support of (Task Area 4 - Engineering/Tech Supt/NAVSEA/DDG129 Engineering and Technical Support) (SCN) | 1.0 | LO | ██████████ | ██████████ | \$1,500.00 |
| 7100 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 - Surge Labor. (Fund Type - TBD) Option | ██████████ | █ | ██████████ | ██████████ | \$1,766,130.00 |
| 7150 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 - Labor for Task Area 5. Note: Requires execution of Technical Instruction IAW 5252.242-9115. (Fund Type - TBD) | ██████████ | █ | ██████████ | ██████████ | 853,717.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 5 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|------|---|-----|------|-----------|-----------|----------------|
| | | Option | | | | | |
| 7200 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 1 - Labor for Task Areas 1-4. (Fund Type - TBD) | | | | | \$8,113,325.00 |
| | | Option | | | | | |
| 7300 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 1 - Surge Labor. (Fund Type - TBD) | | | | | \$1,796,550.00 |
| | | Option | | | | | |
| 7350 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 1 - Labor for Task Area 5. Note: Requires execution of Technical Instruction IAW 5252.242-9115. (Fund Type - TBD) | | | | | \$869,480.00 |
| | | Option | | | | | |
| 7400 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 2 - Labor for Task Areas 1-4. (Fund Type - TBD) | | | | | \$8,268,043.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 6 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|------|---|-----|------|-----------|-----------|----------------|
| | | Option | | | | | |
| 7500 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 2 - Surge Labor. (Fund Type - TBD) | | | | | \$1,830,882.00 |
| | | Option | | | | | |
| 7550 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 2 - Labor for Task Area 5. Note: Requires execution of Technical Instruction IAW 5252.242-9115. (Fund Type - TBD) | | | | | \$886,424.00 |
| | | Option | | | | | |
| 7600 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 3 - Labor for Task Areas 1-4. (Fund Type - TBD) | | | | | \$8,424,343.00 |
| | | Option | | | | | |
| 7700 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 3 - Surge Labor. (Fund Type - TBD) | | | | | \$1,865,592.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 7 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|------|---|-----|------|-----------|-----------|----------------|
| | | Option | | | | | |
| 7750 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 3 - Labor for Task Area 5. Note: Requires execution of Technical Instruction IAW 5252.242-9115. (Fund Type - TBD) | | | | | \$903,673.00 |
| | | Option | | | | | |
| 7800 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 4 - Labor for Task Areas 1-4. (Fund Type - TBD) | | | | | \$8,589,582.00 |
| | | Option | | | | | |
| 7900 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 4 - Surge Labor. (Fund Type - TBD) | | | | | \$1,902,319.00 |
| | | Option | | | | | |
| 7950 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 4 - Labor for Task Area 5. Note: Requires execution | | | | | \$922,074.00 |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 8 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|-----|---|-----|------|-----------|-----------|------|
| | | of Technical Instruction IAW 5252.242-9115. (Fund Type - TBD) | | | | | |
| | | Option | | | | | |

For Cost Type / NSP Items

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|------|-----|---|-----|------|-----------|-----------|------|
| 7999 | | Data for Labor CLINs 7000, 7100, 7150, 7200, 7300, 7350, 7400, 7500, 7550, 7600, 7700, 7750, 7800, 7900, 7950: In accordance with (IAW) CDRLs A001 - A018, the Government shall have unlimited data rights to all data generated IAW DFARS 252.227-7013 unless an assertion is provided and accepted by the Government with the offer IAW DFARS 252.227-7017. All data generated under this procurement has been paid for, in full, by the Government. CLIN Not Separately Priced | 1.0 | LO | | | NSP |

For ODC Items:

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost | Fixed Fee | CPFF |
|--------|------|---|-----|------|--------------|--------------|------|
| 9000 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 - ODC for Task Areas 1-5. (Fund Type - TBD) | 1.0 | LO | \$342,651.00 | | |
| 9001 | | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 - ODC for Task Areas 1-5. | | | | \$100,000.00 | |
| 9001AA | R425 | Funding in support of (Task Area 1 - Sustainment/ NAVSUP WSS/TR-343 Transducers). (WCF) | 1.0 | LO | \$100,000.00 | | |
| 9100 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Base Year 1 - ODC Surge for Task Areas 1-5. (Fund Type - TBD) | 1.0 | LO | \$88,740.00 | | |
| | | Option | | | | | |
| 9200 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 1 - ODC for Task Areas 1-5. (Fund Type - TBD) | 1.0 | LO | \$442,186.00 | | |
| | | Option | | | | | |
| 9300 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval | 1.0 | LO | \$88,648.00 | | |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 9 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|-----------------|-------|

| Item | PSC | Supplies/Services | Qty | Unit | Est. Cost |
|------|------|--|-----|------|--------------|
| | | Surface Warfare Center Crane Division (NSWC Crane). Option Year 1 - Surge ODC for Task Areas 1-5. (Fund Type - TBD) Option | | | |
| 9400 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 2 - ODC for Task Areas 1-5. (Fund Type - TBD) Option | 1.0 | LO | \$442,186.00 |
| 9500 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 2 - ODC Surge for Task Areas 1-5. (Fund Type - TBD) Option | 1.0 | LO | \$88,648.00 |
| 9600 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 3 - ODC for Task Areas 1-5. (Fund Type - TBD) Option | 1.0 | LO | \$442,137.00 |
| 9700 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 3 - ODC Surge for Task Areas 1-5. (Fund Type - TBD) Option | 1.0 | LO | \$88,633.00 |
| 9800 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 4 - ODC for Task Areas 1-5. (Fund Type - TBD) Option | 1.0 | LO | \$442,137.00 |
| 9900 | R425 | Non-personal professional support services for the Platform and Launch Systems Division (GXP) and the Polymer Engineering and Underwater Sensor Branch (GXPS) Naval Surface Warfare Center Crane Division (NSWC Crane). Option Year 4 - ODC Surge for Task Areas 1-5. (Fund Type - TBD) Option | 1.0 | LO | \$88,633.00 |

SECTION B SUPPLIES OR SERVICES AND PRICES

CLAUSES INCORPORATED BY FULL TEXT

HQ B-2-0004 Expediting Contract Closeout (NAVSEA) (DEC 1995)

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to

either party at the end of the contract except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

HQ B-2-0007 Limitation of Costs or Limitation of Funds Language

The clause entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF FUNDS" (FAR 52.232-22), as appropriate, shall apply separately and independently to each separately identified estimated cost.

HQ B-2-0010 Note (Option)

NOTE B - Option item to which the option clause in SECTION I-2 applies and which is to be supplied only if and to the extent said option is exercised.

HQ B-2-0015 Payments of Fee(S) (Level of Effort – Alternate 1) (NAVSEA) (MAY 2010)

FIXED FEE TABLE

| CLIN | Description | Man-Hour (hr) | Hourly Rate (s) | | Total Cost | |
|------|--|---------------|-----------------------|----------------|----------------------------|---------------------|
| | | | Estimated Cost (Rate) | Fixed Fee (FF) | Estimated Cost (Hr x Rate) | Fixed Fee (Hr X FF) |
| 7000 | Base Year 1 Labor for Task Areas 1-4 | ██████ | ██████ | ██████ | ██████ | ██████ |
| 7100 | Base Year 1 – Surge Labor | ██████ | ██████ | ██████ | ██████ | ██████ |
| 7150 | Base Year 1 – Labor for Task Area 5 | ██████ | ██████ | ██████ | ██████ | ██████ |
| 7200 | Option Year 1 Labor for Task Areas 1-4 | ██████ | ██████ | ██████ | ██████ | ██████ |
| 7300 | Option Year 1 – Surge Labor | ██████ | ██████ | ██████ | ██████ | ██████ |
| 7350 | Option Year 1 – Labor for Task Area 5 | ██████ | ██████ | ██████ | ██████ | ██████ |
| 7400 | Option Year 2 Labor for Task Areas 1-4 | ██████ | ██████ | ██████ | ██████ | ██████ |

| | | | | | | |
|------|--|------|------|------|----------|----------|
| | | | | | | |
| 7500 | Option Year 2 – Surge Labor | ████ | ████ | ████ | ████████ | ████████ |
| 7550 | Option Year 2 – Labor for Task Area 5 | ████ | ████ | ████ | ████████ | ████████ |
| 7600 | Option Year 3 Labor for Task Areas 1-4 | ████ | ████ | ████ | ████████ | ████████ |
| 7700 | Option Year 3 – Surge Labor | ████ | ████ | ████ | ████████ | ████████ |
| 7750 | Option Year 3 – Labor for Task Area 5 | ████ | ████ | ████ | ████████ | ████████ |
| 7800 | Option Year 4 Labor for Task Areas 1-4 | ████ | ████ | ████ | ████████ | ████████ |
| 7900 | Option Year 4 – Surge Labor | ████ | ████ | ████ | ████████ | ████████ |
| 7950 | Option Year 4 – Labor for Task Area 5 | ████ | ████ | ████ | ████████ | ████████ |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 12 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 13 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable, and shall be paid at the hourly rate(s) specified above per man-hour performed and invoiced. Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract.

HQ B-2-0019 Travel Costs (NAVSEA) (MAY 1993)

(a) The Contractor shall not charge, and the Government shall not pay, as an allowable cost under this contract, any manhour costs (whether straight-time or overtime) for Contractor personnel or subcontractor personnel traveling to or from worksites, including travel to worksites other than the Contractor's facility for performance of contract work.

(b) Workers being paid under this contract, as prime contractor personnel or subcontractor personnel, will complete a full shift at the worksite, and no compensation will be paid for travel time before or after the shift.

(c) This requirement pertains only to payments for travel time before or after these workers' regular shifts, and does not apply to legitimate travel costs incurred during normal working hours, provided that those costs are otherwise reasonable, allocable and allowable. This requirement does not apply to manufacturer's representatives or Original Equipment Manufacturer (OEM) representatives when specifically required by the Government work specifications.

(d) Additionally, the Contractor shall not charge, and the Government shall not pay, any transportation costs under this contract associated with transporting Contractor or subcontractor personnel between the Contractor's facility (or subcontractor's facility), and any other worksite to perform Phased Maintenance Availabilities (PMAs)/Drydocking Phased Maintenance Availabilities (DPMAs). Transportation costs include, but are not limited to, bus fare, car fare, train fare, or boat fare, paid by the work force, or paid by the Contractor on behalf of the work force.

HQ B-2-0021 Contract Summary for Payment Office (Cost Type) (FEB 1997)

This entire contract is cost type: Contract Line Item Numbers (CLINs) 7000-7950 are Cost-Plus-Fixed-Fee (CPFF); CLINs 9000-9900 are COST ONLY; and Data CLIN 7999 is Not Separately Priced (NSP).

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 14 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION C DESCRIPTIONS AND SPECIFICATIONS

SECTION C DESCRIPTIONS AND SPECIFICATIONS

1.0 SCOPE

This Statement of Work (SOW) sets forth the requirements for non-personal services to obtain professional support services in the areas of sustainment, engineering, test and evaluation, logistics, and ancillary facilities in direct support of Polymers and Undersea Sensors Branch (Code: GXPS) at Naval Surface Warfare Center, Crane Division (NSWC-CD).

These tasks shall be primarily executed at NSWC-CD or within a 30-mile radius of NSWC-CD at Contractor supplied facilities. During performance of the Task Order, travel may also be required to other locations within the United States.

Offeror(s) shall provide an adaptable, flexible team structure that maximizes productivity, efficiency, and accountability within the funds provided by the Government. The successful Offeror must execute this SOW in a manner that provides for high quality, timely, and well integrated services which incorporate the proper mix and demonstrate the most effective use of personnel.

1.1 Background

Code GXPS provides full spectrum acquisition, engineering support, and sustainment life cycle logistics services for undersea sensors and polymer engineered products under the cognizance of Naval Sea Systems Command (NAVSEA) and its affiliated Program Executive Offices, Naval Supply Systems Command (NAVSUP) Weapons System Support (WSS), Strategic Systems Program (SSP), Air Force Global Strike Command, and Special Operations Command (SOCOM). GXPS provides research and development efforts, along with rapid prototype development, sustainment, test and evaluation, and depot overhaul and repair for various sensors, underwater cables, and specialty molded elastomer products, which are fielded on a number of systems in the Fleet. These systems include navigation, launch systems, anti-submarine warfare systems, mine detection/avoidance /deactivation, and communication devices for both surface (Guided Missile Cruiser – CG, Guided Missile Destroyer – DDG, Guided Missile Frigate – FFG) and submarine (Virginia – SSN, Los Angeles – SSN, Ohio – SSBN/SSGN, Columbia – SSBN) platforms. Specific systems include, but are not limited to: Sonar Dome Rubber Window (SDRW), Sonar Composite Dome (SCD) Programs, Surface Sonar Bow and Keel Dome Systems, SLQ-48, TR-317, TR-333 and TR-343 Sonar Transducers and Hydrophones, AN/SQQ-89(V) System (AN/SQS-56 System, AN/SQS-53 System), AN/SQQ-32 System, OK-634, OA-9070 and OK-542 Towed Array Handling Systems, and the AN/BQQ-10 System.

1.2 Applicable Seaport-E Paragraphs

The following Seaport-E Multiple Award Contract (MAC) SOW paragraphs are applicable to this tasking:

- 3.1. Research and Development Support
- 3.2. Engineering, System Engineering and Process Engineering Support
- 3.3. Modeling, Simulation, Stimulation, and Analysis Support
- 3.4. Prototyping, Pre-Production, Model-Making, and Fabrication Support
- 3.5. System Design Documentation and Technical Data Support
- 3.7. Reliability, Maintainability, and Availability (RM&A) Support
- 3.9. System Safety Engineering Support
- 3.10. Configuration Management (CM) Support

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 15 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

- 3.11. Quality Assurance (QA) Support
- 3.12. Information System (IS) Development, Information Assurance (IA), and Information Technology (IT) Support
- 3.14. Interoperability, Test and Evaluation, Trials Support
- 3.16. Logistics Support
- 3.17. Supply and Provisioning Support
- 3.18. Training Support
- 3.19. In-Service Engineering, Fleet Introduction, Installation and Checkout Support
- 3.20. Program Support
- 3.21. Functional and Administrative Support

2.0 APPLICABLE DOCUMENTS

The Contractor shall perform support tasks in accordance with applicable military standards, performance specifications, and non-Government documents, as well as, all project specific technical documentation and information as specified herein. Project specific documentation will be provided as Government Furnished Information (GFI). The exact revisions of most documents are not cited in the text of this SOW for the convenience of reference. All references listed are assumed to be the latest revision of the date of Task Order award. In the event of conflict between these documents and the contents of this SOW, the SOW shall be considered the superseding requirement.

2.1 Military Standards/Handbooks and Department of Defense (DoD) Directives and Instructions

| | |
|--------------|--|
| MIL-STD-129 | Marking for Shipment and Storage |
| MIL-STD-130 | Identification Marking of U.S. Military Property |
| MIL-STD-2073 | Military Packaging |
| DOD-5220.22 | National Industrial Security Program |

2.2 Department of the Navy (DoN)/Local Regulations, Directives and Instructions

| | |
|----------------------------------|--|
| NSWCCRANEINST 5510.1 | Information, Personnel, and Industrial Security Manual |
| NAVFAC P 1021 | Navy Shore Establishment Fire Protection/Prevention Program |
| NSACRANE INSTRUCTION 11240. 1 | Management And Operation Of Government Motor Vehicles |
| NAVSUP PUB 538 | Management of Materials Handling Equipment (MHE) and Shipboard Mobile Support Equipment (SMSE) |
| OPNAVINST 5102.1 | Navy & Marine Corps Mishap and Safety Investigation, Reporting, and Record Keeping Manual |
| SECNAVINST 5370.2 | Standards of Conduct and Government Ethics |

2.3 Non-Government Documents

| | |
|---------------|--|
| ISO 9001:2015 | Quality Management System Requirements |
|---------------|--|

3.0 REQUIREMENTS

The Contractor shall provide labor, materials, facilities, equipment, and administration for support services for research and development, system engineering, system analysis, prototyping, system

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 16 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

design, preproduction and fabrication support, reliability and maintainability support, configuration management, quality assurance, test and evaluation, logistics, and in-service engineering and technical support services for the development, maintenance, and sustainment of current projects in GXPS as well as programs, projects, and sponsor requirements acquired by or transitioned to GXPS. The Contractor shall perform these support service tasks as specified in each Task Area.

3.1 General Requirements

The Contractor shall have its support team in place and fully functioning within 60 calendar days upon Task Order award or exercise of a Task Order option period. The Contractor shall execute the scope of work in a manner that provides for high quality, timely, and well-integrated support services while incorporating the proper mix and the most effective use of personnel. The Contractor shall provide on-site Program Management for all worksites to ensure workforce continuity and task assignment requirements in order to mitigate schedule impacts from attrition, leave, etc. The Program Manager shall be directly responsible for the Contractor's performance of the Task Order, interfacing with Government senior management. The Contractor shall provide a Journey Program Analyst that will collect and analyze financial data at the corporate level and assists the Senior Program Manager in the preparation of financial reports and tracking metrics (CDRLs A008/A009/A010).

The Contractor shall support, advise, and assist the Government but shall not make final decisions. The Contractor and its employees shall not represent the Government nor appear to represent the Government in performance of these contracted services. All analyses, reports, data, and deliverables produced under this Task Order shall be property of the U.S. Government.

In the case of any issue that will negatively impact cost, quality, or schedule, the Contractor shall notify the Government immediately including the Contracting Officer's Representative (COR). If the Government feels that an issue holds cause for discussion, it reserves the right to schedule a review meeting with the Contractor in regards to the respective issue. Review meetings may be performed via telecom or on-site, depending on Government request.

These services may require travel and limited performance onsite at other Government, contractor, and shipyard facilities as requested via Travel Authorization Form attached in Section J and approved by the COR. In addition, the Contractor shall provide support in all facets of sustainment, engineering, test and evaluation, logistics, facilities management and related disciplines at NSWC Crane and a Contractor-provided site, as described in the facilities section.

3.1.1 Safety and Health Requirements

The requirements of this SOW may require contractor personnel to come in contact or be exposed to hazardous conditions and materials. The contractor shall abide by all applicable Federal, local, and state occupational safety and health requirements. The Contractor must have and maintain on record a corporate safety plan and shall provide a copy including all revisions to the COR (CDRL A013 – Environmental Health and Safety Plan – DI-ENVR-81375). The Contractor shall ensure all employees have appropriate Personal Protection Equipment (PPE) furnished by the Contractor if not previously provided as Government Furnished Equipment (GFE).

3.1.2 Hazardous Material Requirements

Some tasking under this SOW will require handling of hazardous materials. The contractor shall follow and show compliance with all Federal, State, and Local regulations regarding personnel exposure, handling, and disposal of any and all hazardous materials. The contractor shall provide personnel who are responsible for the handling of hazardous materials and their respective Material Safety Data Sheets (MSDS) at the Contractor facilities. Contractor will be responsible for providing training for handling and disposal of hazardous materials.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 17 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

3.1.3 Security Requirements

The contractor shall comply with security procedures and instructions as specified by the local Government Security Department and Section C of the SeaPort-e MAC. The nature of the work under this SOW is mostly unclassified. However, some tasks may require access to classified documents and secured lab areas and may involve access to, handling of, and generation of classified material up to and including SECRET. A Department of Defense Form 254 (DD 254) is provided as an attachment in Section J identifying the contractor's facility and safeguarding level of clearance requirements. Classified information may be received or generated by the contractor, in accordance with DoD-5220.22 and NSWCCRANEINST 5510.1, to fulfill the requirements of this Task Order. The contractor shall appoint a Security Officer who shall be responsible for all security aspects of the work performed under this SOW, assure compliance with all DoD regulations regarding security, and assure compliance with any written instructions from the Security Officer of each Government facility.

The contractor shall maintain a SECRET Facility Clearance Level and Safeguarding Storage Level for the duration of the contract. The contractor shall have access to Controlled Unclassified Information (CUI) for the performance of this contract and will safeguard CUI as appropriate per guidance on the DD 254. Operations Security (OPSEC) shall be observed for this performance and appropriate guidance on OPSEC measures are specified on the DD 254. Contractor personnel shall have the appropriate clearance for the classified tasking they are assigned.

3.1.4 Non-Personal Services

The Government will neither supervise contractor employees nor control the method by which the contractor performs the required tasks. Under no circumstances will the Government assign tasks to, or prepare work schedules for individual contractor employees. It shall be the responsibility of the contractor to manage its employees and to guard against any actions that are of the nature of personal services, or give the perception of personal services. If the contractor feels that any actions constitute, or are perceived to constitute personal services, it shall be the contractor's responsibility to notify the COR immediately. Support services under this contract shall not be used to perform work of a policy/decision making or management nature, i.e., inherently Governmental functions. All decisions relative to programs supported by the contractor shall be the sole responsibility of the Government.

3.1.5 License, Certifications, and Training

The Contractor is required to receive training and hold a valid license or certification for all training set forth in each task area. Training may be Government sponsored and conducted on-center, Contractor sponsored and conducted at Contractor's facilities, or vendor sponsored and conducted at vendor facilities. (CDRL A011 – Certification Data Report)

3.1.6 Use of Government Vehicles/Material Handling Equipment

The Contractor is authorized to drive Government owned/leased vehicles and material and weight handling equipment (forklifts, hoists, and cranes) in performance of their tasking in accordance with NSACRANE INSTRUCTION 11240.1. All Contractor personnel operating Government vehicles and equipment shall possess a valid driver's license and certification (such as CAT III (Non Cab) Crane Safety and Material Handling Equipment IAW NAVSUP PUB 538). All forklifts and other handling equipment operation must follow NSACRANEINSTRUCTION 11240.1. Contractor personnel shall report any accidents involving motor vehicles or any other Government equipment immediately to the COR. (CDRL A011 – Certification Data Report)

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 18 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

3.1.7 Packaging

The Contractor shall comply with the requirements of MIL-STD-129, MIL-STD-130, and MIL-STD-2073 for products sent to an external customer, or as directed.

3.1.8 Control of Contractor Personnel

The Contractor shall comply with the requirements of NSWCCRANEINST 5510.1. All persons engaged in work while on Government property shall be subject to search of their persons and vehicles at any time by the Government, and shall report any known or suspected security violations to the Crane Division Security Department and COR. Assignment, transfer, and reassignment of contractor personnel shall be at the discretion of the Contractor. However, when the Government directs, the contractor shall remove from contract/task order performance any person who endangers life, property, or national security through improper conduct. All contractor personnel engaged in work while on Government property will be subject to the Standards of Conduct contained in SECNAVINST 5370.2. Prior to conducting work under this SOW, the Contractor shall provide a list of employees supporting assigned tasks (CDRL A019). This list shall contain employee names, phone numbers, email addresses, security clearance levels, and labor categories. This list shall be updated and submitted to the Government within forty-eight (48) hours after changes occur.

3.1.9 Identification Badges

The Contractor is required to obtain identification badges from the Government for access to Government facilities. The identification badge shall be visible at all times while employees are on the requiring activities property. The Contractor shall furnish all requested information required to facilitate issuance of identification badges and shall conform to applicable regulations concerning the use and possession of the badges. The Contractor shall be responsible for ensuring that all identification badges issued to Contractor employees are returned to the Crane Security Department with notification to the COR within forty-eight (48) hours following the completion of the contract/task order, relocation, or termination of an employee issued an identification badge, and upon request by the Contracting Officer.

3.1.10 Contractor Identification

This SOW is for non-personal services as defined by FAR Subpart 37.104. As such, Contractor personnel shall identify themselves as Contractor employees by introducing themselves or being introduced as contractors and displaying distinguishing badges or other visible identification for meetings with Government personnel. In addition, contractor personnel shall appropriately identify themselves as contractor employees in telephone conversations, and informal and informal written correspondence.

3.1.11 Accident Reporting

The Contractor shall maintain an accurate record of and shall report all accidents to the COR.

3.1.12 Damage Reporting

The contractor shall maintain an accurate record of and shall report to the COR all damages to Government furnished equipment and facilities as prescribed by OPNAVINST 5102.1.

3.1.13 Smoking Regulations

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 19 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

Smoking on NSWC Crane premises shall be in approved areas only in accordance with NAVFAC P 1021. Smoking in vehicles is prohibited.

3.1.14 Investigations

Contractor personnel located on Government property shall cooperate with Government investigative agencies conducting criminal or administrative investigations.

3.1.15 Government Observations

Government personnel, such as but not limited to Inspector General or higher headquarters staff, are authorized to observe contractor operations. Efforts will be made to minimize the degree of disturbance on contractor performance

3.1.16 Work Area Cleanliness

The Contractor shall be responsible for the orderliness and cleanliness of all areas being used for the work being performed. The areas shall be clean, neat, and free from fire hazards, unsanitary conditions, and safety hazards.

3.1.17 Key Control

The Contractor shall establish and implement methods of ensuring all keys issued to the Contractor by the Government are not lost or misplaced and are not used by unauthorized persons. No keys issued to the contractor by the Government shall be duplicated. The Contractor shall develop procedures covering key control.

3.1.18 Data Rights

All data and documentation created and delivered in support of this effort becomes the property of the Government and will be delivered without proprietary markings. The Government shall have Government purpose rights for all data associated to this task order.

3.1.19 Release of Information

All technical data provided to the contractor shall be protected from the public. All other information relating to the items to be delivered and services to be performed under this SOW may not be disclosed by any means without prior approval of the COR. Dissemination or public disclosure includes permitting access to such information by foreign nationals by any other person or entity, publication of technical or scientific papers, advertising, or any other proposed public release. The contractor shall provide adequate physical protection to such information so as to preclude access by any person or entity not authorized such access. The Contractor shall not disclose any information provided or developed under this contract outside the Government without prior approval from the Government.

3.1.20 Privacy Act

Under US Code Title 5, Section 552, information accessed in completing this Task Order is subject to the Privacy Act.

3.1.21 Continuous Improvement

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 20 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

The Contractor shall support the NSWC Crane Continuous Improvement Program. The Contractor shall provide support for the development and maintenance of lean performance execution processes and metrics. The Contractor shall participate in lean events, meetings, and conferences, and execute lean tasks from initiation to closure when authorized. The Contractor shall also provide data record entry, reproduction, distribution, and reporting of lean documentation.

3.1.22 Existing Conditions

In the performance of work under this SOW, the Contractor is not responsible for any conditions that existed prior to or as of the effective date of this Task Order at the Government facility.

3.1.23 Facility Requirements

Threshold: The Contractor shall provide and maintain a suitable off-site facility or facilities in support of these service requirements. The Contractor shall provide and maintain the facility/facilities and all associated public utilities, office equipment and furnishings, including access controls, custodial services, information technology (IT) networks, communications equipment, and facility and IT security. The facility/facilities shall provide all computer hardware (including a Navy/Marine Corp Intranet (NMCI) compatible color printer) and software required for Ethernet connections to support these task statements. Additionally, the Contractor shall provide offsite safe storage of all backup digital data. The Contractor shall provide the capability to archive and store hard copies of historical documentation, along with all other records.

Security provisions shall include protecting Privacy Act Data & Limited Access data. Controlled access to the site is required 24 hours a day, seven days a week, during the time period the space is needed (personal security mechanisms must be in place, e.g. facility has swipe access to control access to the area) with inside/outside video surveillance. The Contractor shall ensure authorized personnel have approved access and ensure that access granted is at the appropriate level. The Contractor shall review and process requests for access to their facility under their control.

The Contractor shall provide and maintain a suitable, dedicated facility with the following characteristics:

- a. Location: The furthest building shall be no more than a 30-mile radius from NSWC-CD. Any other building(s) must be within the general route of the furthest building.
- b. Total climate controlled area of 42,500 ft² minimum. This area also includes the following requirements:
 - i. Climate controlled is defined as 67-77° F and maximum of 40% humidity
 - ii. Space requirements are described in the table below for each task area:

| Task Area | Space Requirements |
|---|---|
| Sustainment – Undersea Sensors (Paragraph 3.2.2) | Minimum of 16,000 ft ² of industrial working space. Minimum of 15,500 ft ² of high-bay space. The high-bay space shall be segregated. This space shall have a minimum clearance height of 12 ft. |
| Sustainment – Polymers and Cables (Paragraph 3.2.3) | Minimum of 5,000 ft ² of industrial working space. |
| RAPPID ² (Paragraph 3.5.2) | Minimum of 1,000 ft ² of industrial working space. |
| Polymer and Undersea Sensor Support (Paragraph 3.5.3) | Minimum of 5,000 ft ² of laboratory/engineering working space. |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 21 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | |
|----------------------------------|---|
| Conference Room and Office Space | Conference room and office space requirements detailed below. |
|----------------------------------|---|

- c. Dedicated conference room (minimum of 10 seats) to include:
 - i. High quality performance audio-video system for meeting hosting
 - ii. Dedicated conference call phone number and access code
 - iii. Large white board(s) shall be provided on one wall
 - iv. High quality projector or monitor (minimum 55 inch) for project presentation materials and Local Area Network (LAN) or Wireless Local Area Network (WLAN) internet connectivity (minimum of 4 ports or users)
- d. Minimum of eight Government seats for Ad-Hoc/Permanent use with NMCI connectivity
 - i. Each government office/cube shall be outfitted with a desk, phone, whiteboard and one swivel desk chair
- e. An additional minimum 1,600 ft² of enclosed controlled storage area (not included as part of 42,500 ft² minimum) for miscellaneous packaging materials. Storage area does not have a requirement for climate control.
- f. Power – Minimum of 1200 Amps and Voltage requirements of 110, 220 with 3 Phase, and 440 with 3 Phase
- g. Receiving Area – Minimum two elevated docks for access
- h. Overhead Doors – Minimum quantity of two roll-up doors with one being at least 16’ x 16’
- i. Air Supply: Minimum of 120 gallons and minimum of 50 Cubic Feet per Minute (CFM) at 150 Pounds per Square Inch (psi)
- j. IT and Network Support
- k. Restrooms
- l. Forklift: Minimum of 4,000 lb lifting capacity at each location if multiple locations are used.
- m. Minimum ceiling height of industrial space must be capable of accommodating 4,000 lb forklift into those spaces.
- n. Floor load requirements for industrial space shall be able to accommodate up to 15,000 pounds.
- o. Ventilation will be required for any vent hoods and ovens.
- p. Access to tractor-trailer to ship material from storage location to central receiving department at NSWC-CD.
- q. All industrial and office space shall be in one location.

Objective: Engineering, Sustainment, and Office Space requirements are preferred to be in a single location. Due to Government space limitations, the Government may be required to reduce the number of contractor personnel performing at the Government site. The Government may also have future requirements for additional Government personnel to co-locate with contractor personnel supporting programs at the Contractor site. The required additional contractor site space would include office space, industrial space, and/or laboratory/engineering type facility requirements which may include additional NMCI seats and/or RDT&E network capability. If the requirement for additional contractor site performance becomes necessary, the Government will negotiate a bi-lateral modification that will account for any cost impacts, security clearance changes as well as any other changes necessary to perform the tasking at a Contractor site.

3.1.24 Personnel

Access to classified information will be limited by security clearance level and need to know, and all classified material shall be handled in accordance with approved security practices and procedures.

- a. All personnel performing work under this Task Order shall be U.S. citizens.
- b. All personnel performing work under this Task Order shall possess the appropriate clearance level IAW the Labor Category Qualifications (Attachment 6) at the time of contract award and shall

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 22 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

maintain a that clearance level for the period of performance of the Task Order for as long as the person is performing work under this Task Order.

- c. All Contractor personnel attending meetings, answering Government telephones, and working in situations where their Contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. The Contractor must also ensure that all documents or reports that it produces are suitably marked as Contractor products or as having Contractor input.

Contractor shall provide personnel in accordance with Personnel Qualifications Attachment in Section J.

3.1.25 Place of Performance/Hours of Operation/Travel

- a. The Contractor shall provide personnel to perform services at the Contractor's facility, NSWC Crane, or any other off-site locations required to complete mission goals, which may include, but are not limited to, the following: shipyards, other Contractor facilities and DoD installations, both CONUS and OCONUS.
- b. Contractor personnel who are working on-site are expected to conform to the normal working hours of the office which they support. Personnel supporting the effort off-site must be available during the core business hours of 0900-1430 local time. Coverage for key roles may be required between the hours of 0600-1800.
- c. All travel will be pre-approved by the Government via Travel Authorization form, and be in accordance with the Federal Travel Regulations (FTR) for travel in the contiguous United States and in accordance with the Joint Travel Regulations (JTR) for travel in Alaska, Hawaii, and outlying areas of the United States, as well as the Federal Acquisition Regulations (FAR) reimbursed in accordance with FAR 31.205-46. In the event of any travel to areas not covered by the FTR or JTR, it shall be in accordance with the Standard Regulations. There will be approximately 20 trips per year required for Contractor personnel.

3.1.26 Communications

The Contractor shall have an electronic mail capability and have the necessary connectivity to communicate with the Government. Microsoft Outlook or Microsoft Outlook compatible e-mail is required in order to communicate and coordinate meetings and schedules with the Government.

3.1.27 Other Direct Costs (ODCs)/Miscellaneous Supplies/Travel/Training

In execution of day-to-day tasks, the Contractor will be expected to procure incidental materials. The Contractor shall not proceed with procuring any items greater than \$10,000 without prior approval of the Government; the Contracting Officer may choose not to pay for items purchased without prior approval. The Contractor shall follow all marking and delivery instructions as provided by the Government. Example items that may be requested include, but are not limited to: filters, grit, shop supplies, hand/power tools, solder/desolder stations, ovens, compressors, sand blasting equipment, vent hoods, packing supplies, pallet jacks, shelving, raw stock material (aluminum and stainless steel), other consumables (i.e., notepads and paper) to be used at Government-sponsored events/conferences, leasing of facilities for tasking, software for new or special projects, package shipping costs, and miscellaneous consumables as requested by the Government. All non-consumable material and equipment purchased via this task order is the property of the Government and shall be included on the GFP listing attached in Section J.

3.2 SUSTAINMENT (TASK AREA 1)

3.2.1 Background

GXPS is responsible for the specification, design, sustainment, installation oversight, maintenance,

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 23 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

instrumentation, and operational support of the TR-343 transducer and various cables associated with the AN/SQS-53C sonar array, which supports the AN/SQQ-89(V) Undersea Warfare / Anti-Submarine Warfare Combat System (USWCS / ASWCS). This system provides surface warships with a seamlessly integrated undersea/anti-submarine warfare detection, localization, classification and targeting capability. The system presents an integrated picture of the acoustic tactical situation by receiving, combining and processing active and passive sonar sensor data from a variety of hull-mounted arrays, towed arrays when installed/deployed, and sonobuoys. When installed on Aegis equipped destroyers and cruisers, the AN/SQQ-89(V) is integrated with the Aegis Combat System. GXPS also provides support for various submarine cables, polymer molded products such as gaskets and seals, and SP24 Navigation Hydrophones, Transducers and Thermistors.

Some of the equipment used in this area includes: Corona Test Set, Partial Discharge Tester, Impedance Analyzers, Automated Electrical Transformer Tuning System, Maximum Current Tester, Multi-Point Tester (MPT), Voltage Breakdown Tester, overhead hoists, hydraulic presses, rubber/silicone mills, and forklifts.

3.2.2 Undersea Sensor Sustainment

- a. The Contractor shall assist in the fabrication process of prototypes for undersea sensors. The Contractor may be required to assist in the development of procedures for the fabrication process, subject to approval of the Government.
- b. The Contractor shall disassemble, screen/test, perform in-process quality assurance, repair or replace critical components, upgrade, rework, kit subassemblies, assemble, package, ship, store, and transport the following products/assemblies (approximate annual quantities) per procedure given as Government Furnished Information (GFI). These include, but are not limited to: TR-343 (5000), TR-333 (80), TR-143 (8), AN/BQN-25 Sonar System Thermistor (6), TR-366 (20), TR-122 (10), TR-313 (600), and SQQ-32 (50). The contractor will be required to perform some of the specific duties at the off-site Contractor facility. The contractor shall be required to complete a shop traveler/product record for steps provided as GFI. Requirements fluctuate based on ship schedules and changes will be communicated to the Contractor. The Contractor will be required to meet weekly quantity targets. If the quantity cannot be met, a reason for not meeting the requirement shall be submitted to the Government via email to RTA and COR.
- c. The Contractor shall track metrics including but not limited to: the status of each undersea sensor repair/fabrication effort, inventory of kitted subassemblies/parts, and submit this information to the Government in a spreadsheet/database or equivalent weekly. (CDRL A014 – Production Report)
- d. The Contractor shall implement a Quality Assurance procedure to ensure all undersea sensors are in accordance with their respective GFI, and to ensure complete and accurate procedures. (CDRL A015 – Quality Conformance Inspection and Test Procedures)
- e. The Contractor shall submit a change request to the Government in writing for items that incorporate a known departure from requirements. Requirements include, but are not limited to: approved processes, material, and drawings. The Contractor shall receive Government approval prior to updating Government documents and use/repair/fabrication of those items. No changes to processes, material/material formulations, and drawings shall be made without Government approval. (CDRL A004 – Revision to Existing Government Documents and CDRL A016 – Engineering Change Proposal)
- f. Tasking under this area includes, but is not limited to:
 - The Contractor shall conduct incoming test and inspections IAW standard operating procedures (SOP). This includes Hi-Pot, IR testing and visual inspection of TR-343 Transducer, TR-143 Transducers, TR-333 Hydrophone and Thermistor.
 - The Contractor shall perform a teardown process of transducers IAW SOP. This includes removing housing, de-stressing ceramic stack, and removal of transformer and tail mass assembly.
 - The Contractor shall solder/desolder IAW SOP and required certifications.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 24 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

- The Contractor shall wire the transformer IAW SOP. The wiring includes soldering/desoldering of transformer terminals.
 - The Contractor shall perform an In-Process QA check IAW SOP. This includes checking solder joints in accordance with ICP J-STD-001, visually inspecting epoxy to ensure there are no voids and cracks, ensure all travelers are initialed and processes to that QA step have been done in accordance with SOP.
 - The Contractor shall assemble the transducer with the housing, band, and apply potting compound to housing IAW SOP.
 - The Contractor shall package transducer IAW SOP.
 - The Contractor shall pre-stress and test the mass assembly IAW SOP. This includes assembling boot assembly, ceramic stack and tail mass assembly.
 - The Contractor shall tune the mass assembly by testing various terminals on the transformer to achieve optimal frequency and impedance IAW SOP. This process is done utilizing an impedance analyzer.
 - The Contractor shall compress the ceramic stack by applying pressure to the mass assembly to achieve an optimal frequency IAW SOP. This process utilizes an impedance analyzer, electrometer, and a stack compression tool.
 - The Contractor shall test the transducer electrically IAW SOP. This consists of IR/Hi-Pot, max current, voltage breakdown and corona test, and frequency tuning test. This process contains many different pieces of electronic test equipment, some examples are: impedance analyzer, Hi-Pot tester, oscilloscope, multi-meters, etc.
 - The Contractor shall assemble the shroud over the tail mass assembly IAW SOP. This process utilizes a shroud installation tool.
 - The Contractor shall clean, sandblast, and prepare tail mass assembly by installing corprene pads and inertia damper onto the tail mass IAW SOP. This process utilizes glue and epoxy as well as an oven to cure the components to the tail mass.
 - The Contractor shall assemble, repair, and reclaim (when applicable) the head mass/boot assembly, tail mass, stress rod, hex nut, hex posts, spacer rods, and tube assembly IAW SOP.
 - The Contractor shall operate, repair, and maintain complex and heavy equipment/fixtures/tooling associated with this task area.
 - The Contractor shall install the transformer by installing a transformer pad, spacer rods, hex posts, and transformer on to the transducer using two part epoxy and a torque wrench.
- g. Contractor personnel performing work in this task area shall have training certifications within 60 days of hire date, including, but not limited to, IPC J-STD-001 and CAT III (Non Cab) Crane Safety.
- h. The Contractor shall perform maintenance and repair of equipment (i.e. pipe fitting, rigging, and electrical) including, but not limited to: pressure systems, hydro systems, electrical systems, and mechanical systems.
- i. Depending on schedules, Contractors may need to be available between the hours of 0600-1800 Monday through Friday.

3.2.3 Polymer and Cable Sustainment

- a. The Contractor shall assist in the fabrication process of prototypes for polymers and cables. The Contractor may be required to assist in the development of procedures for the fabrication process, subject to approval of the Government.
- b. The Contractor shall disassemble, test, quality assurance, repair or replace critical components, upgrade, rework, kit subassemblies, connectorize/assemble, prep/mold, package, ship, store and transport the following polymers and cables (approximate annual quantities) per procedure given as GFI. These include, but are not limited to: AN/SQS-53C (7000), OK-634 (5), OA-9070 (120), OK-542 Towed Array Handling Systems (70), AN/BQQ-10 (800), AN/BQS-15 (5), and various gaskets, seals, and other polymer related products (25,000). The Contractor will be required to

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 25 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

perform specific duties at the off-site Contractor facility. The Contractor shall be required to complete a shop traveler/product record for steps provided as GFI. Requirements fluctuate based on ship schedules and changes will be communicated to the Contractor. The Contractor will be required to meet weekly quantity targets. If the quantity cannot be met, a reason for not meeting the requirement shall be submitted to the Government via email to RTA and COR.

- c. The Contractor shall track metrics including but not limited to: the status of each polymer and cable repair/fabrication effort, inventory of kitted subassemblies/parts, and submit this information to the Government in a spreadsheet/database or equivalent weekly. (CDRL A014 – Production Report)
- j. The Contractor shall implement a Quality Assurance procedure to ensure all cables and polymer products are in accordance with their respective GFI, and to ensure complete and accurate procedures. (CDRL A015 – Quality Conformance Inspection and Test Procedures)
- d. The Contractor shall submit a change request to the Government in writing for items that incorporate a known departure from requirements. Requirements include but are not limited to: approved processes, material, and drawings. The Contractor shall receive Government approval prior to updating Government documents and use/repair/fabrication of those items. No changes to processes, material/material formulations, and drawings shall be made without Government approval. (CDRL A004 – Revision to Existing Government Documents and CDRL A016 – Engineering Change Proposal)
- e. Tasking under this area includes, but is not limited to:
 - The Contractor shall conduct incoming test and inspections. This includes visual inspections of various rubber and polyurethane molded parts and cables, connectors, crimp pins and raw cable. Also includes incoming test of rubber samples using a moving die rheometer and incoming test for cables include Hi-Pot, IR, and Continuity testing.
 - The Contractor shall solder/desolder IAW GFI and required certifications.
 - The Contractor shall prepare and cut cables to specified lengths as well as visually inspect the cable to verify it meets the requirements IAW SOP. The cable preparation consists of stripping the outer jacket and tinning the cable as required in the standard operating procedure.
 - The Contractor shall crimp connections and test crimper to ensure all crimped connections are performed correctly and meet all specifications as outlined in the standard operating procedure.
 - The Contractor shall prepare and clean connectors as outlined in standard operating procedure to ensure the connector has a mechanical bond, cleaned, and ready for priming.
 - The Contractor shall mix/mill rubber by utilizing a rubber mill to mix raw rubber and ingredients with various cure packages, which are dependent on specific parts requirements.
 - The Contractor shall prepare and cut rubber utilizing a die cutter press and scale as required in the standard operating procedure.
 - The Contractor shall prime cables or bonded part to ensure the rubber/polyurethane adheres to the molded part with no debonding. Priming consists of cleaning of the part and applying various primers depending on the requirements and specifications of the product.
 - The Contractor shall operate, repair, and maintain complex and heavy equipment/fixtures/tooling such as 50-200 ton presses (manual and programmable controlled), rubber mill, and individual molds.
 - The Contractor shall mold/backfill utilizing various types of rubber, polyurethane, and epoxies IAW standard operating procedures. Molded parts include but not limited to acoustic windows, seals, gaskets, and cables.
 - The Contractor shall mark and label cables IAW SOP.
 - The Contractor shall perform a hydrostatic test on the AN/SQS-53C Trunk Cable IAW SOP to ensure water tight integrity of the cable and seals.
 - The Contractor shall electrically test cables IAW SOP. Electrical testing includes but is not limited to Hi-Pot, IR, and Continuity.
 - The Contractor shall trim and clean polymer molded parts to ensure final product meets all

requirements and specifications.

- The Contractor shall repair polymer molded parts which will sometimes be necessary if the molded part does not meet all specifications. The repair process consists of grinding down and patching of the molded part.
 - The Contractor shall provide and implement an in-process QA process to ensure the product meets all specifications prior to moving on to the next process step in the standard operating procedure.
- f. Contractor personnel performing work in respective task areas shall have training certifications within 60 days of hire date, including, but not limited to:

| Personnel Certifications for Polymers and Cable Sustainment | |
|---|------------------|
| On-Site (Polymer) | Off-Site (Cable) |
| S9320-AM-PRO-20/MLDG | J-STD-001 |
| CAT III (Non Cab) Crane Safety | IPC/WHMA-A-620 |
| | IPC-A-610 |

- g. The Contractor shall perform maintenance and repair of equipment (i.e. pipe fitting, rigging, and electrician) including but not limited to: pressure systems, hydro systems, electrical systems, and mechanical systems.
- h. Depending on schedules, Contractors may need to be available between the hours of 0600-1800 Monday through Friday.

3.3 TEST AND EVALUATION (TASK AREA 2)

3.3.1 Background

The Acoustic Test Facility (ATF) and the Lake Glendora Test Facility (LGTF) provide the full spectrum of research, development, testing, and evaluation to demonstrate a direct support for the Warfighter and other government agencies. With the use of innovative science, technology, and acoustic engineering, GXPS provides a state of the art testing environment while meeting Fleet standards. The ATF and LGTF are critical technical facilities for the Navy's undersea sensor and sonar devices (i.e. transducers/hydrophones), with the ability to perform controlled acoustic analysis and testing while employing pressure and temperature systems that can simulate a vast array of ocean depths.

Acoustic tank and open water environments utilize various measurement systems which provide unique sampling and waveform generation capability. The graphic user interface or Digital Acoustic Data System (DADS) provides active and passive acoustic measurements, directivity, complex impedance, power life, echo reduction, and insertion loss measurements. Each testing facility provides unique control of real world parameters, compiling together to represent testing capability for various temperature, pressure, and frequency ranges.

Code GXPS has on-site infrastructure consisting of two large hydro-acoustic tanks, which have the capability of testing at frequency range of 1-350 kHz and pressures up to 1250 psig, with a temperature range of 3-35° C. The open water tank is 20 ft. in diameter and 20 ft. deep at ambient temperatures with a test capability in the frequency range of 2-350 kHz. Three hydrostatic pressure tanks also provide a depth simulation of up to 4600 ft. and can test items up to 3 ft. in diameter and 12 ft. tall.

LGTF is a government-owned 450 acre facility with a 100 acre lake with 107 ft. max depth, located only 50 miles from Crane. This site expands in-house organic acoustic test capability, providing rapid access to accelerated life testing and first article qualification. In addition to providing the same acoustic capabilities of the ATF, the open water test barge supports lower frequency testing (~100 Hz), and the remote location allows for long duration high power acoustic testing with limited

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 27 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

personnel impacts. Future plans also include performing Shipboard Shock Testing.

Some of the equipment used in this area include: Instron material test system, coordinate measuring machine, rubber process analyzer, rheometer, environmental chambers, multi-point tester, and dynamic modulus analyzer.

3.3.2 Acoustics

- a. The Contractor shall provide test and evaluation support for undersea sensors and other testing as required utilizing the ATF, LGTF, other Contractor and DoD installations for the following products/assemblies (approximate annual quantities) per procedure given as GFI but are not limited to: TR-343 (5000), TR-333 (80), TR-143 (8), AN/BQN-25 Sonar System Thermistor (6), TR-366 (20), TR-122 (10), TR-313 (600), and SQQ-32 (50).
- b. The Contractor shall track metrics including but not limited to: the status of each acoustic test effort and submit this information to the Government in a spreadsheet/database or equivalent weekly. (CDRL A014 – Production Report)
- c. Tasking under this area includes, but is not limited to:
 - The Contractor shall test and inspect IAW SOP. This consists of utilizing ATF/Open tanks for various undersea sensors. Test and inspection includes but are not limited to: phase, receive response, impedance, source levels, source level variation, source level linearity, frequency of minimum impedance, and total harmonic distortion.
 - The Contractor shall operate, troubleshoot, and program the DADS program.
 - The Contractor shall operate, repair, and maintain complex and heavy equipment/fixtures/tooling such as overhead hoist and ATF/Open tanks.
 - The Contractor shall perform in-process QA checks IAW SOP to ensure all travelers and test data meet required product specifications.
- d. Contractor personnel performing work in this task area shall have training certifications within 60 days of hire date, including, but not limited to, CAT III (Non Cab) Crane Safety.
- e. The Contractor shall perform maintenance and repair of equipment (i.e. pipe fitting, rigging, and electrician) including but not limited to: pressure systems, hydro systems, electrical systems, and mechanical systems.
- f. Depending on schedules, Contractors may need to be available between the hours of 0600-1800 Monday through Friday.

3.3.3 Hydrostatic

- a. The Contractor shall provide test and evaluation support for undersea sensors and other testing as required utilizing the ATF installations for the following products/assemblies (approximate annual quantities) per procedure given as GFI but are not limited to: AN/SQS-53C (7,000), TR-333 (80), TR-143 (8), AN/BQN-25 Sonar System Thermistor (6), TR-366 (20), TR-122 (10), TR-313 (600), SQQ-32 (50), OK-634 (5), OA-9070 (120), OK-542 Towed Array Handling Systems (70), AN/BQQ-10 (800), AN/BQS-15 (5).
- b. The Contractor shall track metrics including but not limited to: the status of each hydrostatic test effort and submit this information to the Government in a spreadsheet/database or equivalent weekly. (CDRL A014 – Production Report)
- c. Tasking under this area includes, but is not limited to:
 - The Contractor shall test and inspection IAW SOP for this task area. This consists of hydrostatic pressure testing various undersea sensors and cables. These tests are completed under specific pressures based on product requirements: Hi-Pot, IR, and continuity testing utilizing MPT, Hi-Pot tester, and megohmmeter.
 - The Contractor shall program and troubleshoot the MPT program.
 - The Contractor shall operate, repair, and maintain complex and heavy equipment/fixtures/tooling such as overhead hoist and hydrostatic tanks.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 28 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

- The Contractor shall perform in-process QA checks IAW SOP to ensure all travelers and test data meet required product specifications.
- d. Contractor personnel performing work in this task area shall have training certifications within 60 days of hire date, including, but not limited to, CAT III (Non Cab) Crane Safety.
- e. The Contractor shall perform maintenance and repair of equipment (i.e. pipe fitting, rigging, and electrician) including but not limited to: pressure systems, hydro systems, electrical systems, and mechanical systems.
- f. Depending on schedules, Contractors may need to be available between the hours of 0600-1800 Monday through Friday.

3.3.4 Electrical, Chemical, and Mechanical

- a. The Contractor shall provide test and evaluation support for various materials and parts to support the polymer, cables, and undersea sensors customer base on-site and at the Contractor's facility.
- b. Contractors shall utilize testing equipment, including, but not limited to: Instron material test system, rubber process analyzer, coordinate measurement machine, rheometer, environmental chambers, multi-point tester, and dynamic modulus analyzer to verify and validate all testing requirements are met.
- c. Tasking under this area includes, but is not limited to:
 - The Contractor shall test and inspect all piece parts and components received for assembly for incoming inspection. This is to ensure that all materials, piece parts and components meet requirements prior to releasing for storage or direct release for assembly.
 - The Contractor shall test parts for mechanical, electrical, and chemical testing including ASTM, IEEE standards and other test methodologies. Items to be tested included (but are not limited to) raw polymer materials, assemblies, subassemblies, and full units on an as required basis.
 - The Contractor shall operate and maintain equipment in this area which includes but is not limited to: Instron material test system, rubber process analyzer, rheometer, environmental chambers, multi-point tester, coordinate measuring machine and dynamic modulus analyzer.
 - The Contractor shall perform in-process QA checks of all components, assemblies, subassemblies, and full units as required during build, fabrication, and processes to ensure all travelers and test data meet required specifications.

3.4 LOGISTICS (TASK AREA 3)

3.4.1 Background

GXPS is responsible for the transportation, material movement, inventory, acquisition, configuration management, and documentation for the following, but not limited to: TR-343 transducer and various cables associated with the AN/SQS-53C sonar array, submarine cables, polymer molded products such as gaskets and seals, and SP24 Navigation Hydrophones, Transducers and Thermistors.

Some of the equipment used in this area, but not limited to: forklifts, hoists, box/flatbed trucks, pallet jacks, and packaging equipment.

GXPS provides data management expertise in the development of information management systems. This will include the development, integration, maintenance, and monitoring of database systems, world-wide-web based information, including Integrated Product Data Management (iPDM), Product Data Management (PDM), Database Management Systems (DBMS), SharePoint, Enterprise Resource Planning (ERP), and COTS applications

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 29 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

GXPS monitors the following: inventory, shop traveler/product record, procurement, lead-time tracking, calibration, delivery, Fleet health, receipt, labeling, packaging, inspection of material, and shipping.

3.4.2 OM&S/Inventory

- a. The Contractor shall support the processing, receipt, material handling, and inventory management and control of Government parts and material including support equipment, special tools, and test and measurement equipment in the areas of shipping, verifying shipping manifests, physical inventory, handling, storage, and coordination of material transactions.
- b. The Contractor shall support all government OM&S requirements to include reports for inventory, pre-expense bins (PEB), and work in-process, (WIP) and all associated usage rates for that material. Audits of OM&S requirements will be scheduled as Government deems appropriate. (CDRL A017 – Government Furnished Property Inventory and Forecasting Report)
- c. The Contractor shall provide a controlled inventory attendant(s) to allow for accurate inventory counts. Coverage for this tasking will be required between the hours of 0600-1800, Monday through Friday.

3.4.3 Acquisition

- a. The Contractor shall provide personnel to add, review, or edit data in information systems. The data shall consist of data field entry, text, and images gathered through digital means and conversion of data for use by the information systems.
- b. The Contractor shall support and assist in the development and sustainment of an active computer based database program that allows tracking of material through the entire acquisition process.
- c. The Contractor shall properly track and input request for procurements.

3.4.4 Program Support

- a. The Contractor shall provide data management support in the areas of data reproduction, developing presentation material, recording minutes, distribution, reporting and verification.
- b. The Contractor shall provide program support for meetings or reviews associated with the GXP Projects. Meetings will be held at NSWC Crane, Contractor and vendor facilities, and other Government activities. These meetings will consist of program reviews, technical interchange meetings, integrated product team meetings, working group meetings, CM meetings, design reviews, and program assessment team meetings. The Contractor shall prepare presentations for meetings consisting of viewgraphs, storyboards, or slide presentations (computer based viewgraphs), addressing selected topics. The Contractor shall document the proceedings, and complete action items and assignments resulting from these meetings. (CDRL A002 – Conference Minutes and CDRL A003 – Presentation Materials)
- c. The Contractor shall oversee, track, and report all calibrated equipment on/off-site facilities, ensuring that all equipment is in calibration. The calibration custodian shall be responsible for, but not limited to: Out of Tolerance Notifications (OTNs), supported/unsupported equipment, sufficient back-up equipment in place, equipment repair/calibration schedules, No Calibration Required (NCR), calibration delinquency report, and Defense Reutilization Marketing Office (DRMO). (CDRL A018 – Calibration Report)
- d. The Contractor shall provide support in applications, such as, but not limited to: N-ERP, CMPro, OneTouch, Integrated Product Data Management (iPDM), Naval Vessel Register (NVR), Navy Data Environment (NDE), and Microsoft Office.
- e. The Contractor shall enter data and maintain various databases, including financial, action item tracking, training, facility trouble calls, and shipping information. Technical reports on status, progress, and problem areas shall be provided to the Government.
- f. The Contractor shall provide acquisition, logistics, and project support services for the Sonar Domes & Window (SDW) Program to assist GXPS with performing the In-service Engineering Agent (IEA)

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 30 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

role in support of Program Executive Office, Integrated Warfare Systems 5 (PEO IWS 5).

3.4.5 Material/Equipment Movement, Installation, Maintenance, Removal, and Transportation

- a. The Contractor shall support all material movement transactions including, but not limited to: DD1149, DD1348, Requests for Issue, Material Movement Document, inductions, turn-ins, and shop receipts.
- b. The Contractor shall support material movement between NSWC Crane and shipyard/regional maintenance centers.
- c. The Contractor shall be responsible for proper and on-time transport and packaging between NSWC-CD and Contractor's facility. The Contractor performing this work must maintain certified forklift license (Material Handling Equipment IAW NAVSUP PUB 538).
- d. The Contractor shall remove, install and/or transport various types of heavy equipment. The following are previous examples of equipment that has been moved: hydraulic presses, CNC Mill, CNC Lathe, and wire EDM.
- e. The Contractor shall perform maintenance and repair of equipment in all task areas (i.e. pipe fitting, rigging, welding, and electrical), including but not limited to: pressure systems, hydro systems, electrical systems, and mechanical systems.

3.4.6 Documentation

- a. The Contractor shall scan and digitize into electronic format various technical documents supplied as GFI. These documents include technical manuals, procedures, processes, drawings, and sketches.
- b. The Contractor shall provide support in the development, update, and revision of technical documentation in GXP.

3.4.7 Configuration Management

- a. The Contractor shall provide configuration management support for the AN/SQS-53C, TR-333, TR-143, AN/BQN-25 Sonar System Thermistor, TR-366, TR-122, TR-313, SQQ-32, OK-634, OA-9070, OK-542 Towed Array Handling Systems, AN/BQQ-10, AN/BQS-15 and all systems, subsystems, units, components, and piece parts of these systems, including sonar transducers and hydrophones.

3.4.8 Quality Assurance

- a. The Contractor shall perform quality assurance analyses, reports, and planning documentation. (CDRL A001 – Technical Reports – Study/Services)
- b. The Contractor shall compile quality assurance data, and develop, prepare, and update quality assurance plans. The Contractor shall support and follow the NSWC Crane ISO 9001 Management System. All work shall be accomplished using these established quality processes, procedures, and instructions relative to the tasking specified herein.
- c. The Contractor shall maintain ISO 9001:2015 certification or industry equivalent.

3.5 ENGINEERING/TECHNICAL SUPPORT (TASK AREA 4)

3.5.1 Background

GXPS provides engineering support in the selection, evaluation and qualification of both replacement technologies and next generation materials of items within the Polymer molded products and undersea sensors domain. RAPPID² (Real-time Application of Polymer Products and Innovation for Direct Deployment) combines state of the art technology, with over 600 years of collective engineering and technical experience, knowledge of military applications, and a comprehensive industrial capability to obtain near real-time applications. We produce top quality polymer products, interconnection devices, and undersea sensors. By utilizing innovative approaches, we can quickly

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 31 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

transition from the engineering concept phase to direct deployment to meet the needs of the Warfighter.

GXPS is currently in possession of a ProX300 direct metal laser sintering (DMLS) printer from 3D Systems and a Dimension 1200es sst plastic fused deposition modeling (FDM) 3D printer from Stratasys. These machines are a quality alternative to traditional machining. They offer reduced waste, greater speeds of production, short set up times, and the ability to produce very complex parts. Both printers have been utilized to produce rubber and urethane molds for a quick turnaround not attainable through traditional machining.

GXPS performs subsystem engineering, mechanical, electrical, chemical, and acoustic design to support polymers and undersea systems. This is accomplished via Computer-Aided Design/Modeling and Simulation, component prototyping, polymer compounding and system integration. GXPS is also responsible for developing, defining and maintaining all Technical Data Package requirements for all products, subcomponents, materials, piece parts, and processes utilized during prototype development through fabrication within the cables, polymers, and undersea sensor domain.

Some of the software packages that are utilized in the branch are: MasterCAM, CREO, ANSYS, Autocad Inventor, Solid Works, Solid Edge, CadKey, LabVIEW, PLC Ladder Logic, COMSOL Modeling for electrical properties, mechanical displacement, and acoustic pressure simulations.

3.5.2 RAPPID² Support

- a. The Contractor shall machine and fabricate prototypes and customized designs consisting of but are not limited to: aluminum and steel molds, fixtures, and components to aid in the sustainment of cables, polymers, and undersea sensors. This capability shall be within 100 miles of NSWC-CD. Contractor capabilities shall include but are not limited to the following: heat treating, welding, metal fabricating, water jetting, and machining items up to: 50" X 26" X 25".
- b. The contractor shall provide high expertise technical support for Additive Manufacturing (3D Printing) of metals, polymers, and composites.
- c. The contractor shall provide support in the areas of emerging metal and powder based Additive Manufacturing, and related design principles and process standards.
- d. The contractor shall provide support to operate a 3D Systems or equivalent metal powder bed fusion.
- e. Contractor shall have access to metal Direct Metal Laser Sintering (DMLS), Material Jetting, and Material Extrusion (FDM), and a prototyping center with the capability to print in metal, polymers, and ceramics.
- f. Contractor shall provide input into the entire product development process, including but not limited to, design, prototyping, material selection, and assembly.
- g. Tasking under this area includes, but is not limited to:
 - The Contractor shall operate and maintain a CNC Mill, CNC Lathe, 3D Systems or equivalent metal powder bed fusion printer, Wire EDM, Bandsaw, Grinders, and Drill Press.
 - The Contractor shall acquire tooling/materials needed to machine parts/fixtures/molds.
 - The Contractor shall operate and maintain complex and heavy equipment/fixtures/tooling needed for this task area.

3.5.3 Polymer and Undersea Sensor Support

- a. The Contractor shall prove high level support in the areas of acoustics, piezoelectric components, and manufacturing and process engineering, supply chain evaluation, and support to establish a ceramic assembly line in support of the Governments acoustic requirements. (CDRL A001 – Technical Reports – Study/Services)
- b. The Contractor shall perform technology assessments and/or test and evaluation of component

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 32 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

hardware for the purpose of identifying critical component or design technology problems that must be addressed to assure affordable long-term system support. (CDRL A007 – Test and Evaluation Report)

- c. The Contractor shall identify and report existing commercial technologies, and analyze and evaluate requirements and operational concepts; evaluate equipment performance, failure modes, and design parameters ensuring proper performance characteristics and interoperability with platforms and tactics. (CDRL A006 – Failure Summary and Analysis Report)
- d. The Contractor shall support the development and design of engineering prototypes and support COTS redesign efforts. (CDRL A005 – Technical Data Package)
- e. The Contractor shall perform production analyses on production costs, manufacturing problems, factory acceptance testing, and analyze and develop production plans and procedures for scheduling and delivery, cost impacts, product quality, and manufacturing processes. (CDRL A001 – Technical Reports – Study/Services)
- f. The Contractor shall perform engineering analyses into the projected life-cycle availability of technologies used, and identify future maintenance support concerns.

3.6 RESEARCH AND DEVELOPMENT TASKING (TASK AREA 5)

3.6.1 Background

GXPS is continuing to evolve to more left of the lifecycle R&D efforts in the areas of both undersea sensors and polymer material development. Specifically, GXPS is developing workload for Research, Development and Validation within three critical areas: 1) Elastomer/Epoxy Materials Development, Elastomer materials are used throughout the Polymers & Undersea Sensors Branch for Naval applications with: sonar transducers; sonar window/domes; watertight seals; power/communication cables and molded connectors and; noise/isolation suppression applications. Epoxy materials and glass reinforced epoxy materials are used primarily as isolation rings within sonar transducers. 2) Acoustics including ceramic/piezoelectric materials and, ceramic/piezoelectric materials and alternative polymer based piezoelectric material solutions. Ceramic materials are currently the industry standard piezoelectric materials widely used throughout Navy sonar transducer applications. 3) Rapid/Additive Manufacturing (RAM). RAM technologies are laser guided, layer by layer, fabrication alternatives to conventional component manufacturing technologies. Effective integration/implementation of the RAM technology within the Polymers & Undersea Sensors Branch operations will decrease critical component fabrication time/costs and increase operational flexibility.

3.6.2 Research & Development

The Contractor shall provide highly qualified levels of support (SMEs or PhDs) for Polymers & Undersea Sensors Branch in three critical support areas: Acoustics, Polymeric Materials, and Rapid/Additive Manufacturing Technologies. Contractors shall provide access to both basic and applied research labs or nationally recognized research institutions/universities to identify/document /predict the physical/performance characteristic changes associated with the respective material and/or manufacturing process. Contractors will be tasked to: Analyze currently fielded components/assemblies; identify/document/define the component material composition, physical properties and performance characteristics and; develop models to predict material properties/performance characteristics based on material composition and mold/manufacturing processes. The support requirements within each area will be identified via Technical Instructions. Contractor shall not perform any duties in support of Task Area 5 without an approved Technical Instruction signed by the Contracting Officer.

4.0 GOVERNMENT FURNISHED PROPERTY.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 33 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

4.1 Government Furnished Information (GFI).

The Contractor will be provided project source documentation as GFI sufficient to allow accomplishment of assigned tasking as the requirement is identified by the Requiring Technical Activity (RTA). All Information will be supplied and tracked using form NAVSEA 4340-02 attached in Section J. GFI includes technical manuals, training materials and information, drawings, specifications, procedures, processes, and quality system documents required for the performance of engineering, logistics, and technical support.

4.2 Government Furnished Material (GFM).

The Contractor will be provided GFM as the requirements are identified by the RTA and COR. All material will be supplied and tracked using form NAVSEA 9086-12 attached in Section J.

4.3 Government Furnished Equipment (GFE).

The Contractor will be provided GFE as the requirements are identified by the RTA and COR. All equipment will be supplied and tracked using form NAVSEA 9086-12 attached in Section J.

4.4 Government Furnished Facilities (GFF).

Contractor personnel at NSWC-CD will be authorized access to NMCI owned/Government owned equipment, which will be utilized during the performance of tasks stated in this Task Order. This will include lab space and office space, desk, personal computer/printer and appropriate software, and use of telephone with long distance/voice mail capability for official Government business, as required. Contractor personnel at NSWC Crane may be required to periodically relocate as office areas are moved to conform to re-organizations within the NSWC-CD or continuous improvement process changes to improve efficiency.

4.5 Government Owned Vehicles.

The Government will provide Contractor access and authorization to operate Government owned vehicles for the purpose of transporting materials and documents to and from buildings within the NSWC Crane confines. Government provided vehicles shall be used solely for the purposes as described in this SOW. All drivers must present proof of valid operator driver's license prior to operating a Government vehicle. The Contractor shall operate motor vehicles IAW NSACRANE INSTRUCTION 11240.1 or most recent instruction. All Contractor personnel operating Government vehicles, to include materials handling equipment, shall be licensed in IAW provisions set forth IAW NSACRANE INSTRUCTION 11240.1 or most recent instruction, except when a valid state driver's license shall be accepted as proper authority for operation of commercial/administrative (non-tactical) vehicles up to and including 10,000 pounds gross vehicle weight upon completion of training courses as called out in NSACRANE INSTRUCTION 11240.1 or most current instruction. The Contractor shall ensure Contractor personnel have in their possession a valid US Government Motor Vehicle Operator's Identification Card (SF 46) or valid state driver's license, as applicable, when operating vehicles and equipment. Employees possessing a valid Government license need not be re-licensed. The Contractor shall report any accidents involving motor vehicles or any other equipment IAW NSACRANE INSTRUCTION 11240.1 or most recent instruction.

4.6 Return of Government Furnished Items.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 34 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

All GFI, GFE, and GFM provided to or acquired by the Contractor shall be returned to the responsible RTA or COR upon completion of assigned tasking.

5.0 DATA DELIVERABLES.

All deliverables shall be completed and submitted in accordance with Contract Data Requirements Lists (CDRLs), DD Form 1423, and the requirements listed below. All data deliverables shall be submitted in Contractor format unless otherwise directed. Final copies of deliverables shall be distributed to the following:

| CDRL | Title | SOW Paragraph |
|------|---|----------------------------|
| A001 | Technical Reports – Study/Services | 3.4.8, 3.5.3 |
| A002 | Conference Minutes | 3.4.4 |
| A003 | Presentation Materials | 3.4.4 |
| A004 | Revision to Existing Government Documents | 3.2.2, 3.2.3 |
| A005 | Technical Data Package | 3.5.3 |
| A006 | Failure Summary and Analysis Report | 3.5.3 |
| A007 | Test and Evaluation (T&E) Program Plan (T&E Report) | 3.5.3 |
| A008 | Progress Report | 3.0 |
| A009 | Contractor’s Progress and Status Report | 3.0 |
| A010 | Funds and Man-Hours Expenditure Report | 3.0 |
| A011 | Certification/Data Report | 3.1.5, 3.1.6 |
| A012 | Data Accession List | 3.0 |
| A013 | Environmental Health and Safety Plan | 3.1.1 |
| A014 | Production Report | 3.2.2, 3.2.3, 3.3.2, 3.3.3 |
| A015 | Quality Conformance Inspection and Test Procedures | 3.2.2, 3.2.3 |
| A016 | Engineering Change Proposal | 3.2.2, 3.2.3 |
| A017 | Government Furnished Property Inventory and Forecasting | 3.4.2 |
| A018 | Calibration Report | 3.4.4 |

ELECTRONIC COST REPORTING AND FINANCIAL TRACKING (eCRAFT) SYSTEM REPORTING (NAVSEA)

(a) The Contractor agrees to upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System and submit the Contract Status Report on the day and for the same timeframe the contractor submits an invoice into the Invoicing, Receipt, Acceptance, and Property Transfer (iRAPT) system. Compliance with this requirement is a material requirement of this contract. Failure to comply with this requirement may result in contract termination.

(b) The Contract Status Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas.

(c) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel, subcontractor usage, and other contract charges.

(1) Access:

eCRAFT: Reports are uploaded through the eCRAFT System Periodic Report Utility (EPRU). The

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 35 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

EPRU spreadsheet and user manual can be obtained at: <http://www.navsea.navy.mil/Home/Warfare-Centers/NUWC-Newport/Partnerships/Commercial-Contracts/Information-eCraft/> under eCRAFT information. The eCRAFT e-mail address for report submission is: Ecrafft.nuwc.npt.fct@navy.mil. If you have problems uploading reports, please see the Frequently Asked Questions at the site address above.

(2) Submission and Acceptance/Rejection:

The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice in iRAPT. The amounts shall be the same. eCRAFT acceptance/rejection will be indicated by e-mail notification from eCRAFT.

[End of text]

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 36 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 37 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION D PACKAGING AND MARKING

SECTION D PACKAGING AND MARKING

Packaging and Marking shall be in accordance with the clauses of the basic contract.

HQ D-1-0001 Packaging of Data (JUL 2016)

Data to be delivered by Integrated Digital Environment (IDE) or other electronic media shall be as specified in the contract. All unclassified data to be shipped shall be prepared for shipment in accordance with best commercial practice.

Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPO), DOD 5220.22-M dated 28 February 2006 with Change 2 Dated 18 May 2016.

HQ D-2-0008 Marking of Reports (NAVSEA) (SEP 1990)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) contract dollar amount
- (4) whether the contract was competitively or non-competitively awarded
- (5) sponsor:

N/A
(Name of Individual Sponsor)

GXP
(Name of Requiring Activity)

CRANE, IN
(City and State)

All Deliverables shall be packaged and marked IAW Best Commercial Practice.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 38 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION E INSPECTION AND ACCEPTANCE

SECTION E INSPECTION AND ACCEPTANCE

All clauses in SECTION E of the basic contract apply to this task order, unless otherwise specified.

HQ E-1-0001 Inspection and Acceptance Language for Data

Item 7999 - Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

HQ E-1-0007 Inspection and Acceptance Language for LOE Services

Item(s) CLINS 7000-7950; 9000-9900 - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 39 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION F DELIVERABLES OR PERFORMANCE

The periods of performance for the following Items are as follows:

| | |
|--------|----------------------|
| 7000 | 4/10/2019 - 4/9/2020 |
| 7001AA | 4/10/2019 - 4/9/2020 |
| 7001AB | 4/10/2019 - 4/9/2020 |
| 7001AC | 4/10/2019 - 4/9/2020 |
| 7001AD | 4/10/2019 - 4/9/2020 |
| 7001AE | 4/19/2019 - 4/9/2020 |
| 7001AF | 4/19/2019 - 4/9/2020 |
| 7001AG | 4/19/2019 - 4/9/2020 |
| 7001AH | 4/19/2019 - 4/9/2020 |
| 7001AJ | 4/19/2019 - 4/9/2020 |
| 7001AK | 4/19/2019 - 4/9/2020 |
| 7001AL | 4/19/2019 - 4/9/2020 |
| 7001AM | 4/19/2019 - 4/9/2020 |
| 7001AN | 4/19/2019 - 4/9/2020 |
| 7001AP | 4/19/2019 - 4/9/2020 |
| 7001AQ | 4/19/2019 - 4/9/2020 |
| 7001AR | 4/19/2019 - 4/9/2020 |
| 7001AS | 4/19/2019 - 4/9/2020 |
| 7001AT | 4/19/2019 - 4/9/2020 |
| 7001AU | 4/19/2019 - 4/9/2020 |
| 7001AV | 4/19/2019 - 4/9/2020 |
| 7001AW | 4/19/2019 - 4/9/2020 |
| 7001AX | 4/19/2019 - 4/9/2020 |
| 7001AY | 4/19/2019 - 4/9/2020 |
| 7001AZ | 4/19/2019 - 4/9/2020 |
| 7001BA | 4/19/2019 - 4/9/2020 |
| 7001BB | 4/19/2019 - 4/9/2020 |
| 7001BC | 4/19/2019 - 4/9/2020 |
| 7001BD | 4/19/2019 - 4/9/2020 |
| 9000 | 4/10/2019 - 4/9/2020 |
| 9001AA | 4/10/2019 - 4/9/2020 |

SECTION F DELIVERABLES OR PERFORMANCE

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Alt I Stop-Work Order (Aug 1989) - Alternate I APR 1984

HQ F-1-0003 Performance Language for LOE Services

The Contractor shall perform the work described in SECTION C, at the level of effort specified in SECTION B, as follows:

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 40 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

ITEM(S)

FROM - TO

The periods of performance for the following Items are as follows:

| | |
|--------|----------------------|
| 7000 | 4/10/2019 - 4/9/2020 |
| 7001AA | 4/10/2019 - 4/9/2020 |
| 7001AB | 4/10/2019 - 4/9/2020 |
| 7001AC | 4/10/2019 - 4/9/2020 |
| 7001AD | 4/10/2019 - 4/9/2020 |
| 7001AE | 4/19/2019 - 4/9/2020 |
| 7001AF | 4/19/2019 - 4/9/2020 |
| 7001AG | 4/19/2019 - 4/9/2020 |
| 7001AH | 4/19/2019 - 4/9/2020 |
| 7001AJ | 4/19/2019 - 4/9/2020 |
| 7001AK | 4/19/2019 - 4/9/2020 |
| 7001AL | 4/19/2019 - 4/9/2020 |
| 7001AM | 4/19/2019 - 4/9/2020 |
| 7001AN | 4/19/2019 - 4/9/2020 |
| 7001AP | 4/19/2019 - 4/9/2020 |
| 7001AQ | 4/19/2019 - 4/9/2020 |
| 7001AR | 4/19/2019 - 4/9/2020 |
| 7001AS | 4/19/2019 - 4/9/2020 |
| 7001AT | 4/19/2019 - 4/9/2020 |
| 7001AU | 4/19/2019 - 4/9/2020 |
| 7001AV | 4/19/2019 - 4/9/2020 |
| 7001AW | 4/19/2019 - 4/9/2020 |
| 7001AX | 4/19/2019 - 4/9/2020 |
| 7001AY | 4/19/2019 - 4/9/2020 |
| 7001AZ | 4/19/2019 - 4/9/2020 |
| 7001BA | 4/19/2019 - 4/9/2020 |
| 7001BB | 4/19/2019 - 4/9/2020 |
| 7001BC | 4/19/2019 - 4/9/2020 |
| 7001BD | 4/19/2019 - 4/9/2020 |
| 9000 | 4/10/2019 - 4/9/2020 |
| 9001AA | 4/10/2019 - 4/9/2020 |

The periods of performance for the following Option Items are as follows:

| | |
|------|----------------------|
| 7100 | 4/10/2019 - 4/9/2020 |
|------|----------------------|

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 41 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | |
|------|----------------------|
| 7150 | 4/10/2019 - 4/9/2020 |
| 7200 | 4/10/2020 - 4/9/2021 |
| 7300 | 4/10/2020 - 4/9/2021 |
| 7350 | 4/10/2020 - 4/9/2021 |
| 7400 | 4/10/2021 - 4/9/2022 |
| 7500 | 4/10/2021 - 4/9/2022 |
| 7550 | 4/10/2021 - 4/9/2022 |
| 7600 | 4/10/2022 - 4/9/2023 |
| 7700 | 4/10/2022 - 4/9/2023 |
| 7750 | 4/10/2022 - 4/9/2023 |
| 7800 | 4/10/2023 - 4/9/2024 |
| 7900 | 4/10/2023 - 4/9/2024 |
| 7950 | 4/10/2023 - 4/9/2024 |
| 9100 | 4/10/2019 - 4/9/2020 |
| 9200 | 4/10/2020 - 4/9/2021 |
| 9300 | 4/10/2020 - 4/9/2021 |
| 9400 | 4/10/2021 - 4/9/2022 |
| 9500 | 4/10/2021 - 4/9/2022 |
| 9600 | 4/10/2022 - 4/9/2023 |
| 9700 | 4/10/2022 - 4/9/2023 |
| 9800 | 4/10/2023 - 4/9/2024 |
| 9900 | 4/10/2023 - 4/9/2024 |

HQ F-2-0003 Data Delivery Language for Services Only Procurements

All data to be furnished under this contract shall be delivered prepaid to the destination(s) and at the time(s) specified on the Contract Data Requirements List(s), DD Form 1423 – Exhibit A, Section J.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 42 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION G CONTRACT ADMINISTRATION DATA

SECTION G CONTRACT ADMINISTRATION DATA

All provisions and clauses in SECTION G of the basic contract apply to this Task Order, unless otherwise specified.

PGI 204.7108 Payment Instructions

(a) Scope. This section applies to contracts and orders that are funded by multiple accounting classification citations and—

(1) Include deliverable line items or deliverable subline items (see FAR 4.1005-1) that are funded by multiple accounting classification citations;

(2) Contain cost-reimbursement or time-and-materials/labor-hour line items; or

(3) Authorize financing payments.

(b) For contracts and orders covered by this subpart—

(1) The contracting officer shall insert the table at (b)(2), or a link to the table at (b)(2) (https://www.acq.osd.mil/dpap/dars/pgi/pgi_htm/current/PGI204_71.htm#payment_instructions), in Section G of the contract, or equivalent, including contracts with incrementally funded line items. When some, but not all, of the fixed price line items in a contract are subject to contract financing payments, the contracting officer shall clearly identify to which line items the payment clause(s) included in Section I apply.

(2) The payment office shall allocate and record the amounts paid to the accounting classification citations in the contract using the table below based on the type of payment request submitted (see DFARS 252.232-7006) and the type of effort.

| Contract/Order Payment Clause | Type of Payment Request | Supply | Service | Construction | Payment Office Allocation Method |
|---|----------------------------|--------|---------|--------------|---|
| 52.212-4 (Alt I), Contract Terms and Conditions —Commercial Items 52.216-7, Allowable Cost and Payment 52.232-7, Payments under Time-and- | Cost Voucher | X | X | N/A | Line item specific proration. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated in the same |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 43 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | | | | | |
|---|---|---|-----|-----|---|
| Materials and Labor-Hour Contracts | | | | | proportion as the amount of funding currently unliquidated for each ACRN on the deliverable line or deliverable subline item for which payment is requested. |
| 52.232-1, Payments | Navy Shipbuilding Invoice (Fixed Price) | X | N/A | N/A | Line Item specific by fiscal year. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated using the oldest funds. In the event of a deliverable line or deliverable subline item with two ACRNs with the same fiscal year, those amounts will be prorated to the available unliquidated funds for that year. |
| 52.232-1, Payments; 52.232-2, Payments under | Invoice | X | X | N/A | Line Item Specific proration. If there is more than one |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 44 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | | | | | |
|--|-------------------------------------|------------|------------|----------|---|
| <p>Fixed-Price Research and Development Contracts;</p> <p>52.232-3, Payments under Personal Services Contracts;</p> <p>52.232-4, Payments under Transportation Contracts and Transportation-Related Services Contracts; and</p> <p>52.232-6, Payments under Communication Service Contracts with Common Carriers</p> | | | | | <p>ACRN within a deliverable line or deliverable subline item, the funds will be allocated in the same proportion as the amount of funding currently unliquidated for each ACRN on the deliverable line or deliverable subline item for which payment is requested.</p> |
| <p>52.232-5, Payments Under Fixed-Price Construction Contracts</p> | <p>Construction Payment Invoice</p> | <p>N/A</p> | <p>N/A</p> | <p>X</p> | <p>Line Item specific by fiscal year. If there is more than one ACRN within a deliverable line or deliverable subline item, the funds will be allocated using the oldest funds. In the event of a deliverable line or deliverable subline item with two ACRNs with the same fiscal year, those amounts will</p> |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 45 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | | | | | |
|--|----------------------------|---|---|-----|---|
| | | | | | be prorated to the available unliquidated funds for that year. |
| 52.232-16, Progress Payments | Progress Payment* | X | X | N/A | Contract-wide proration. Funds shall be allocated in the same proportion as the amount of funding currently unliquidated for each ACRN. Progress Payments are considered contract level financing, and the "contract price" shall reflect the fixed price portion of the contract per FAR 32.501-3. |
| 52.232-29, Terms for Financing of Purchases of Commercial Items; 52.232-30, Installment Payments for Commercial Items | Commercial Item Financing* | X | X | N/A | Specified in approved payment. The contracting officer shall specify the amount to be paid and the account(s) to be charged for each payment approval in accordance with FAR 32.207(b)(2) and 32.1007(b)(2). |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 46 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | | | | | |
|---|--------------------------------|---|---|-----|--|
| 52.232-32, Performance-Based Payments | Performance-Based Payments* | X | X | N/A | Specified in approved payment. The contracting officer shall specify the amount to be paid and the account(s) to be charged for each payment approval in accordance with FAR 32.207(b)(2) and 32.1007(b)(2). |
| 252.232-7002, Progress Payments for Foreign Military Sales Acquisitions | Progress Payment* | X | X | N/A | Allocate costs among line items and countries in a manner acceptable to the Administrative Contracting Officer. |

*Liquidation of Financing Payments. Liquidation will be applied by the payment office against those ACRNs which are identified by the payment instructions for the delivery payment and in keeping with the liquidation provision of the applicable contract financing clause (i.e., progress payment, performance-based payment, or commercial item financing).

252.232-7006 Wide Area Workflow Payment Instructions (MAY 2013)

(a) Definitions. As used in this clause—

“Department of Defense Activity Address Code (DoDAAC)” is a six position code that uniquely identifies a unit, activity, or organization.

“Document type” means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

“Local processing office (LPO)” is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS [252.232-7003](#), Electronic Submission of Payment Requests and Receiving Reports.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 47 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

(c) WAWF access. To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>

(e) WAWF methods of document submission. Document submissions may be via web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

COST VOUCHER

Note: If a “Combo” document type is identified but not supportable by the Contractor’s business systems, an “Invoice” (stand-alone) and “Receiving Report” (stand-alone) document type may be used instead.)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

N/A

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table

| Field Name in WAWF | Data to be entered in WAWF |
|---------------------------|----------------------------|
| Pay Official DoDAAC | HQ0337 |
| Issue By DoDAAC | N00164 |
| Admin DoDAAC | S0701A |
| Inspect By DoDAAC | N/A |
| Ship To Code | N/A |
| Ship From Code | N/A |
| Mark For Code | N/A |
| Service Approver (DoDAAC) | N00164 |
| Service Acceptor (DoDAAC) | N00164 |
| Accept at Other DoDAAC | N/A |
| LPO DoDAAC | N/A |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 48 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | |
|---------------------|-----|
| DCAA Auditor DoDAAC | N/A |
| Other DoDAAC(s) | N/A |

*To be completed at time of award.

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the e-mail address identified below in the "SendAdditional Email Notifications" field of WAWF once a document is submitted in the system.

[REDACTED]

(g) WAWF point of contact.

(1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

_____ COR _____

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

HQ G-2-0002 Contract Administration Data

Enter below the address (street and number, city, county, state and zip code) of the Contractor's facility which will administer the contract if such address is different from the address shown on the SF 26 or SF 33, as applicable.

HQ G-2-0003 Contracting Officer's Representative (NAVSEA) (APR 2015)

**COMMANDER
NSWC CRANE DIVISION**

[REDACTED]

HQ G-2-0004 Purchasing Office Representative

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 49 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

**COMMANDER
NSWC CRANE DIVISION**

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

HQ G-2-0009 Supplemental Instructions Regarding Electronic Invoicing (NAVSEA) (APR 2015)

(a) For other than firm fixed price contract line item numbers (CLINs), the Contractor agrees to segregate costs incurred under this contract/task order (TO), as applicable, at the lowest level of performance, either at the technical instruction (TI), sub line item number (SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in Wide Area Workflow (WAWF) for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of other direct costs (ODCs), materials, and travel, by TI, SLIN, or CLIN level. For other than firm fixed price subcontractors, subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR). Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the CO and COR; or other method as agreed to by the CO.

(b) Contractors submitting payment requests and receiving reports to WAWF using either Electronic Data Interchange (EDI) or Secure File Transfer Protocol (SFTP) shall separately send an email notification to the COR and CO on the same date they submit the invoice in WAWF. No payments shall be due if the contractor does not provide the COR and CO email notification as required herein.

SECTION G NOTES

(NOV 2014)

1. Invoicing Documentation for Cost Vouchers

Supporting cost voucher documentation in Wide Area Workflow (WAWF) shall be provided in contractor specified format and shall include the following information. This level of detail is required at both the job order (JO) or task order (TO) level and Technical Instruction (TI) level. The supporting data should clearly reflect the JO/TO and TI number for which it applies. For other than firm fixed price subcontracts, subcontractors are also required to provide the same level of supporting detail as the prime contractor. Supporting documentation may be encrypted before submission to the prime contractor for WAWF cost voucher submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO) and Contracting Officer Representative (COR) as required. Failure to comply may result in an unfavorable CPARS rating in the area of regulation compliance.

| Cost Elements | |
|----------------------|---|
| Direct Labor | Total direct labor costs billed for current billing period and cumulative. This includes sub-contractor direct labor. If there are different labor pools, they should be included separately (e.g., on-site, off-site, prime, subK, etc). |
| Other Direct Costs | Total ODC costs billed for current billing period and cumulative |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 50 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

| | |
|------------------|---|
| Indirect Costs | Total indirect costs billed for current billing period and cumulative. If there are different indirect pools, they should be included separately (e.g., Fringe, OH, G&A, etc.). The indirect pool percentage shall be included. |
| Fee | Total fee billed for current billing period and cumulative. |
| Invoice Subtotal | Sub-total costs billed for current billing period and cumulative. |
| Adjustments | Any adjustments to billed costs for current billing period and cumulative. |
| Invoice Total | Total costs billed for current billing period and cumulative. |

Labor Detail (Prime and Subcontractor)

| |
|---|
| Employee name |
| Labor category |
| Direct labor rate by employee |
| Loaded labor rate by employee |
| Current period hours (OT hours identified separately) |
| Current period direct labor costs |
| Cumulative hours (OT hours identified separately) |
| Cumulative direct labor costs |

Non-Labor Detail – detail provided for current billing period only

| | |
|-----------|---|
| Travel | Destination, dates, traveler name, total trip costs (includes subK travel) |
| Material* | Detailed description of item and total item costs (includes subK material) |
| ODCs* | Covers items that are not material or travel (e.g., training, conference costs, etc). Detailed description of item and total item costs (includes subK ODC) |

*Copies of invoices and/or receipts for Material/ODC purchases shall be included.

CLIN/SLIN Detail – Information should be a cumulative total invoiced against each CLIN/SLIN

| | |
|---------------|---|
| CLIN/SLIN | SLIN being billed |
| ACRN | ACRN being billed |
| TO/TI | TO and/or TI number |
| Amount Funded | Amount funded on each SLIN |
| Current | Amount billed in current billing period |
| Cumulative | Cumulative amount billed against SLIN |
| Balance | Remaining balance on SLIN |

Accounting Data

| | | |
|--------|-----------|--------|
| SLINID | PR Number | Amount |
|--------|-----------|--------|

BASE Funding 0.00
Cumulative Funding 0.00

MOD P00001

| | | |
|--------|-----------------|-----------|
| 7001AA | 130077471200001 | 440000.00 |
| LLA : | | |

| CONTRACT NO. | DELIVERY ORDER NO. | AMENDMENT/MODIFICATION NO. | PAGE | FINAL |
|------------------|--------------------|----------------------------|----------|-------|
| N00178-04-D-4119 | N0016419F3001 | P00003 | 51 of 69 | |

AA 97X4930 NH1J 251 77777 0 050120 2F 000000 A00004961838
Standard Number: N0010419WX49700
Contractor may NOT perform against this SLIN after POP date identified in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AB 130077471200003 80000.00

LLA :

AA 97X4930 NH1J 251 77777 0 050120 2F 000000 A00004961838
Standard Number: N0010419WX49700
Contractor may NOT perform against this SLIN after POP date identified in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AC 130077471200004 200000.00

LLA :

AA 97X4930 NH1J 251 77777 0 050120 2F 000000 A00004961838
Standard Number: N0010419WX49700
Contractor may NOT perform against this SLIN after POP date identified in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AD 130077471200005 80000.00

LLA :

AA 97X4930 NH1J 251 77777 0 050120 2F 000000 A00004961838
Standard Number: N0010419WX49700
Contractor may NOT perform against this SLIN after POP date identified in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

9001AA 130077471200002 100000.00

LLA :

AB 97X4930 NH1J 251 77777 0 050120 2F 000000 A10004961838
Standard Number: N0010419WX49700
Contractor may NOT perform against this SLIN after POP date identified in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

MOD P00001 Funding 900000.00
Cumulative Funding 900000.00

MOD P00002

7001AE 130077504800001 13750.00

LLA :

AC 1751611 1224 251 SH400 0 050120 2D 000000 A00004966838
OWLD: October 2022
Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AF 130077504800002 2500.00

LLA :

AC 1751611 1224 251 SH400 0 050120 2D 000000 A00004966838
OWLD: October 2022
Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AG 130077504800003 6250.00

LLA :

AC 1751611 1224 251 SH400 0 050120 2D 000000 A00004966838
OWLD: October 2022
Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AH 130077504800004 2500.00

LLA :

| CONTRACT NO. | DELIVERY ORDER NO. | AMENDMENT/MODIFICATION NO. | PAGE | FINAL |
|------------------|--------------------|----------------------------|----------|-------|
| N00178-04-D-4119 | N0016419F3001 | P00003 | 52 of 69 | |

AC 1751611 1224 251 SH400 0 050120 2D 000000 A00004966838

OWLD: October 2022

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AJ 130077501000001 8250.00

LLA :

AD 1781611 1224 251 SH400 0 050120 2D 000000 A00004967190

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AK 130077501000002 1500.00

LLA :

AD 1781611 1224 251 SH400 0 050120 2D 000000 A00004967190

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AL 130077501000003 3750.00

LLA :

AD 1781611 1224 251 SH400 0 050120 2D 000000 A00004967190

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AM 130077501000004 1500.00

LLA :

AD 1781611 1224 251 SH400 0 050120 2D 000000 A00004967190

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AN 130077655900001 479600.00

LLA :

AE 1791810 88JC 251 240V6 0 050120 2D 000000 A00004977608

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AP 130077655900002 87200.00

LLA :

AE 1791810 88JC 251 240V6 0 050120 2D 000000 A00004977608

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AQ 130077655900003 218000.00

LLA :

AE 1791810 88JC 251 240V6 0 050120 2D 000000 A00004977608

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AR 130077655900004 87200.00

LLA :

AE 1791810 88JC 251 240V6 0 050120 2D 000000 A00004977608

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AS 130077679800001 85250.00

LLA :

AF 1761611 1224 251 SH400 0 050120 2D 000000 A00004979115

Contractor may NOT perform against this SLIN after POP date shown in Section F. Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AT 130077679800002 15500.00

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 53 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

LLA :

AF 1761611 1224 251 SH400 0 050120 2D 000000 A00004979115
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AU 130077679800003 38750.00

LLA :

AF 1761611 1224 251 SH400 0 050120 2D 000000 A00004979115
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AV 130077679800004 15500.00

LLA :

AF 1761611 1224 251 SH400 0 050120 2D 000000 A00004979115
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AW 130077570300001 13750.00

LLA :

AG 1791810 A2VM 251 WS050 0 050120 2D 000000 A00004970713
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AX 130077570300002 2500.00

LLA :

AG 1791810 A2VM 251 WS050 0 050120 2D 000000 A00004970713
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AY 130077570300003 6250.00

LLA :

AG 1791810 A2VM 251 WS050 0 050120 2D 000000 A00004970713
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001AZ 130077570300004 2500.00

LLA :

AG 1791810 A2VM 251 WS050 0 050120 2D 000000 A00004970713
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001BA 130077563500001 8250.00

LLA :

AH 1781611 1224 251 SH400 0 050120 2D 000000 A00004969989
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001BB 130077563500002 1500.00

LLA :

AH 1781611 1224 251 SH400 0 050120 2D 000000 A00004969989
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001BC 130077563500003 3750.00

LLA :

AH 1781611 1224 251 SH400 0 050120 2D 000000 A00004969989
Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed through and including the aforementioned date.

7001BD 130077563500004 1500.00

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 54 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

LLA :

AH 1781611 1224 251 SH400 0 050120 2D 000000 A00004969989

Contractor may NOT perform against this SLIN after POP date shown in Section F.
Contractor may continue to invoice after this date, but only for work performed
through and including the aforementioned date.

MOD P00002 Funding 1107000.00
Cumulative Funding 2007000.00

MOD P00003 Funding 0.00
Cumulative Funding 2007000.00

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 55 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION H SPECIAL CONTRACT REQUIREMENTS

SECTION H SPECIAL CONTRACT REQUIREMENTS

All clauses in SECTION H of the basic contract apply to this task order, unless otherwise specified.

5252.202-9101 Additional Definitions (MAY 1993)

As used throughout this contract, the following terms shall have the meanings set forth below:

- (a) DEPARTMENT means the Department of the Navy.
- (b) REFERENCES TO THE FEDERAL ACQUISITION REGULATION (FAR) All references to the FAR in this contract shall be deemed to also reference the appropriate sections of the Defense FAR Supplement (DFARS), unless clearly indicated otherwise.
- (c) REFERENCES TO ARMED SERVICES PROCUREMENT REGULATION OR DEFENSE ACQUISITION REGULATION All references in this document to either the Armed Services Procurement Regulation (ASPR) or the Defense Acquisition Regulation (DAR) shall be deemed to be references to the appropriate sections of the FAR/DFARS.
- (d) NATIONAL STOCK NUMBERS Whenever the term Federal Item Identification Number and its acronym FIIN or the term Federal Stock Number and its acronym FSN appear in the contract, order or their cited specifications and standards, the terms and acronyms shall be interpreted as National Item Identification Number (NIIN) and National Stock Number (NSN) respectively which shall be defined as follows:
 - (1) National Item Identification Number (NIIN). The number assigned to each approved Item Identification under the Federal Cataloging Program. It consists of nine numeric characters, the first two of which are the National Codification Bureau (NCB) Code. The remaining positions consist of a seven digit non-significant number.
 - (2) National Stock Number (NSN). The National Stock Number (NSN) for an item of supply consists of the applicable four position Federal Supply Class (FSC) plus the applicable nine position NIIN assigned to the item of supply.

5252.216-9122 Level of Effort – Alternate I (MAY 2010)

- (a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be [REDACTED] total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.
- (b) Of the total man-hours of direct labor set forth above, it is estimated that (Offeror to fill-in) man-hours are uncompensated effort.

Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 56 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (i) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately [REDACTED] hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(h) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 57 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds. All submissions shall include subcontractor information.

(i) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 15% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(j) Notwithstanding any of the provisions in the above paragraphs and subject to the LIMITATION OF FUNDS or LIMITATION OF COST clauses, as applicable, the period of performance may be extended and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in paragraph (a) above. The contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

5252.227-9113 Government-Industry Data Exchange Program (APR 2015)

(a) The Contractor shall participate in the appropriate interchange of the Government-Industry Data Exchange Program (GIDEP) in accordance with GIDEP PUBLICATION 1 dated April 2008. Data entered is retained by the program and provided to qualified participants. Compliance with this requirement shall not relieve the Contractor from complying with any other requirement of the contract.

(b) The Contractor agrees to insert paragraph (a) of this requirement in any subcontract hereunder exceeding \$500,000.00. When so inserted, the word "Contractor" shall be changed to "Subcontractor".

(c) GIDEP materials, software and information are available without charge from:

GIDEP Operations Center

P.O. Box 8000

Corona, CA 92878-8000

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 58 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

Phone: (951) 898-3207

FAX: (951) 898-3250

Internet: <http://www.gidep.org>

5252.232-9104 Allotment of Funds (JAN 2008)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

| ITEM(S) | ALLOTTED TO COST | ALLOTTED TO FEE | ESTIMATED PERIOD OF PERFORMANCE |
|---------|------------------|-----------------|------------------------------------|
|---------|------------------|-----------------|------------------------------------|

***SEE SECTION B & G OF CURRENT MOD**

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs *SEE SECTION B & G OF CURRENT MOD are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20).

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

** To be completed at time of award/modification.*

5252.237-9106 Substitution of Personnel (SEP 1990)

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.

(b) All proposed substitutes shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least forty-five (45) days, or ninety (90) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include: (1) an explanation of the circumstances necessitating the substitution; (2) a complete resume of the proposed substitute; and (3) any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

5252.242-9115 Technical Instructions (APR 2015)

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 59 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

(a) Performance of the work hereunder may be subject to written technical instructions signed by the Contracting Officer and the Contracting Officer's Representative specified in Section G of this contract. As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.

(2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to: (1) assign additional work under the contract; (2) direct a change as defined in the "CHANGES" clause of this contract; (3) increase or decrease the contract price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for contract performance; or (4) change any of the terms, conditions or specifications of the contract.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of this contract.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement which is not affected by the disputed technical instruction.

5252.245-9108 Government-Furnished Property (PERFORMANCE) (APR 2015)

The Government will provide only that property identified in an attachment to Section J notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the identified government property for use in the performance of this contract.

5252.245-9109 Government-Furnished Property (Incorporation) (APR 2015)

The Government will provide only that property identified in an attachment to Section J, notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the identified government property for incorporation in the equipment to be delivered under Item(s) 7000-7950; 9000-9900 of this contract.

5252.245-9111 Rent-Free Use of Government Property (As Is) (SEP 2009)

(a) The Contractor may use on a rent-free basis, as necessary for the performance of this contract, Government property (as defined in FAR 45.101) accountable under Contract(s). The said property shall be governed by the terms and conditions of the contract(s) under which it is accountable. No representation or warranty is made by the Government as to the fitness or suitability of said property for its intended use under this contract; it being understood and agreed that the said property is being made available for use under this contract on an "as is" basis in accordance with paragraph (d)(2)(iii) of the clause entitled "GOVERNMENT PROPERTY" (FAR 52.245-1).

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 60 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

(b) If the Government limits or terminates the Contractor's authority to use the above referenced property and the Government's action affects the Contractor's ability to perform this contract, then an equitable adjustment shall be made in accordance with the terms and conditions of the "CHANGES" clause of this contract; provided, however, that if the limitation or termination is due to failure by the Contractor to perform its obligations under the above referenced contract(s), the Contractor shall be entitled only to such adjustment as the Contracting Officer determines to be appropriate under the circumstances.

5252.245-9115 Rent-Free Use of Government Property (SEP 1990)

The Contractor may use on a rent-free, non-interference basis, as necessary for the performance of this contract, the Government property accountable under Contract(s). Contractor is responsible for scheduling the use of all property covered by the above referenced contract(s) and the Government shall not be responsible for conflicts, delays, or disruptions to any work performed by the Contractor due to use of any or all of such property under this contract or any other contracts under which use of such property is authorized.

PERFORMANCE STANDARDS

The effort performed hereunder shall be evaluated in accordance with the performance standards/acceptable quality levels summarized in the Quality Assurance Surveillance Plan (QASP) identified as an Attachment to the RFP. Performance standards are required to be met for each of the identified Task Requirements.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 61 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION I CONTRACT CLAUSES

SECTION I CONTRACT CLAUSES

| | | |
|--------------|---|----------|
| 52.203-16 | Preventing Personal Conflicts of Interest | DEC 2011 |
| 52.216-8 | Fixed Fee | JUN 2011 |
| 52.222-40 | Notification of Employee Rights Under the National Labor Relations Act | DEC 2010 |
| 52.223-5 | Pollution Prevention and Right-to-Know Information | MAY 2011 |
| 52.232-22 | Limitation Of Funds | APR 1984 |
| 52.232-40 | Providing Accelerated Payments to Small Business Subcontractors | DEC 2013 |
| 52.237-2 | Protection of Government Buildings, Equipment, and Vegetation | APR 1984 |
| 252.203-7004 | Display of Hotline Posters | OCT 2016 |
| 252.204-7012 | Safeguarding Covered Defense Information and Cyber Incident Reporting | OCT 2016 |
| 252.215-7008 | Only One Offer | OCT 2013 |
| 252.223-7006 | Prohibition on Storage, Treatment, and Disposal of Toxic or Hazardous Materials | SEP 2014 |
| 252.227-7013 | Rights in Technical Data – Noncommercial Items | FEB 2014 |
| 252.227-7030 | Technical Data – Withholding of Payment | FEB 2014 |
| 252.244-7001 | Contractor Purchasing System Administration | MAY 2014 |

52.203-17 Contractor Employee Whistleblower Rights and Requirement to Inform Employees of Whistleblower Rights (APR 2014)

(a) This contract and employees working on this contract will be subject to the whistleblower rights and remedies in the pilot program on Contractor employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239) and FAR 3.908.

(b) The Contractor shall inform its employees in writing, in the predominant language of the workforce, of employee whistleblower rights and protections under 41 U.S.C. 4712, as described in section 3.908 of the Federal Acquisition Regulation.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts over the simplified acquisition threshold.

52.204-14 Service Contract Reporting Requirements (Jan 2014)

(a) Definition. First-tier subcontract means a subcontract awarded directly by the Contractor for the purpose of acquiring supplies or services (including construction) for performance of a prime contract. It does not include the Contractor's supplier agreements with vendors, such as long-term arrangements for materials or supplies that benefit multiple contracts and/or the costs of which are normally applied to a Contractor's general and administrative expenses or indirect costs.

(b) The Contractor shall report, in accordance with paragraphs (c) and (d) of this clause, annually

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 62 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

by October 31, for services performed under this contract during the preceding Government fiscal year (October 1-September 30).

(c) The Contractor shall report the following information:

(1) Contract number and, as applicable, order number.

(2) The total dollar amount invoiced for services performed during the previous Government fiscal year under the contract.

(3) The number of Contractor direct labor hours expended on the services performed during the previous Government fiscal year.

(4) Data reported by subcontractors under paragraph (f) of this clause.

(d) The information required in paragraph (c) of this clause shall be submitted via the internet at www.sam.gov. (See SAM User Guide). If the Contractor fails to submit the report in a timely manner, the contracting officer will exercise appropriate contractual remedies. In addition, the Contracting Officer will make the Contractor's failure to comply with the reporting requirements a part of the Contractor's performance information under FAR subpart 42.15.

(e) Agencies will review Contractor reported information for reasonableness and consistency with available contract information. In the event the agency believes that revisions to the Contractor reported information are warranted, the agency will notify the Contractor no later than November 15. By November 30, the Contractor shall revise the report, or document its rationale for the agency.

(f)(1) The Contractor shall require each first-tier subcontractor providing services under this contract, with subcontract(s) each valued at or above the thresholds set forth in 4.1703(a)(2), to provide the following detailed information to the Contractor in sufficient time to submit the report:

(i) Subcontract number (including subcontractor name and DUNS number); and

(ii) The number of first-tier subcontractor direct-labor hours expended on the services performed during the previous Government fiscal year.

(2) The Contractor shall advise the subcontractor that the information will be made available to the public as required by section 743 of Division C of the Consolidated Appropriations Act, 2010.

52.217-9 Option to Extend the Term of the Contract (MAR 2000) (NAVSEA Variation) (SEP 2009)

(a)The Government may extend the term of this contract by written notice(s) to the Contractor within the periods specified below. If more than one option exists the Government has the right to unilaterally exercise any such option whether or not it has exercised other options.

| ITEM(S) | LATEST OPTION EXERCISE DATE |
|-----------|---|
| CLIN 7100 | No later than 12 months after the Task Order Award date |
| CLIN 7150 | No later than 12 months after the Task Order Award date |
| CLIN 9100 | No later than 12 months after the Task Order Award date |

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 63 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

CLIN 7200 No later than 24 months after the Task Order Award date
CLIN 7300 No later than 24 months after the Task Order Award date
CLIN 7350 No later than 24 months after the Task Order Award date
CLIN 9200 No later than 24 months after the Task Order Award date
CLIN 9300 No later than 24 months after the Task Order Award date

CLIN 7400 No later than 36 months after the Task Order Award date
CLIN 7500 No later than 36 months after the Task Order Award date
CLIN 7550 No later than 36 months after the Task Order Award date
CLIN 9400 No later than 36 months after the Task Order Award date
CLIN 9500 No later than 36 months after the Task Order Award date

CLIN 7600 No later than 48 months after the Task Order Award date
CLIN 7700 No later than 48 months after the Task Order Award date
CLIN 7750 No later than 48 months after the Task Order Award date
CLIN 9600 No later than 48 months after the Task Order Award date
CLIN 9700 No later than 48 months after the Task Order Award date

CLIN 7800 No later than 60 months after the Task Order Award date
CLIN 7900 No later than 60 months after the Task Order Award date
CLIN 7950 No later than 60 months after the Task Order Award date
CLIN 9800 No later than 60 months after the Task Order Award date
CLIN 9900 No later than 60 months after the Task Order Award date

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any option(s) under this clause, shall not exceed five (5) years, however, in accordance with paragraph (g) of the requirement of this contract entitled "LEVEL OF EFFORT" (NAVSEA 5252.216-9122), if the total manhours delineated in paragraph (a) of the LEVEL OF EFFORT requirement, have not been expended within the period specified above, the Government may require the Contractor to continue to perform the work until the total number of manhours specified in paragraph (a) of the aforementioned requirement have been expended.

52.222-2 Payment for Overtime Premiums (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium does not exceed \$1,244,807 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.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 64 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

(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.

52.244-2 Subcontracts (OCT 2010)

(a) *Definitions.* As used in this clause—

“Approved purchasing system” means a Contractor’s purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR)

“Consent to subcontract” means the Contracting Officer’s written consent for the Contractor to enter into a particular subcontract.

“Subcontract” means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that-

- (1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or
- (2) Is fixed-price and exceeds—
 - (i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or
 - (ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer’s written consent before placing the following subcontracts:

CONTRACTS WITH ANY FIRM NOT INCLUDED WITH THE BASIC CONTRACT PROPOSAL.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 65 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

*THE CONTRACTING OFFICER'S APPROVAL IS REQUIRED FOR ADING TEAM MEMBERS TO THE TASK ORDER AFTER AWARD. THE CONTRACTING OFFICER WILL DETERMINE THE DOCUMENTATION TO BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL.

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

- (i) A description of the supplies or services to be subcontracted.
- (ii) Identification of the type of subcontract to be used.
- (iii) Identification of the proposed subcontractor.
- (iv) The proposed subcontract price.
- (v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.
- (vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.
- (vii) A negotiation memorandum reflecting –
 - (A) The principal elements of the subcontract price negotiations;
 - (B) The most significant considerations controlling establishment of initial or revised prices;
 - (C) The reason certified cost or pricing data were or were not required;
 - (D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;
 - (E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;
 - (F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and
 - (G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (b), (c), or (d) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination –

- (1) Of the acceptability of any subcontract terms or conditions;
- (2) Of the allowability of any cost under this contract; or
- (3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 66 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

Purdue University
Venturi
Paragon
Gryphon Technologies, L.C.
Bowhead
TSC, Inc.
IDSI
University of Louisville
M Technical Services
GTRI

****NOTE**** Time and Material subcontract rate shall not exceed those proposed and identified in Attachment 7.

52.252-6 Authorized Deviations in Clauses (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Department of Defense FAR Supplement. (48 CFR 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

252.225-7048 Export-Controlled Items (June 2013)

(a) Definition. "Export-controlled items," as used in this clause, means items subject to the Export Administration Regulations (EAR) (15 CFR Parts 730-774) or the International Traffic in Arms Regulations (ITAR) (22 CFR Parts 120-130). The term includes--

(1) "Defense items," defined in the Arms Export Control Act, 22 U.S.C. 2778(j)(4)(A), as defense articles, defense services, and related technical data, and further defined in the ITAR, 22 CFR Part 120; and

(2) "Items," defined in the EAR as "commodities", "software", and "technology," terms that are also defined in the EAR, 15 CFR 772.1.

(b) The Contractor shall comply with all applicable laws and regulations regarding export-controlled items, including, but not limited to, the requirement for contractors to register with the Department of State in accordance with the ITAR. The Contractor shall consult with the Department of State regarding any questions relating to compliance with the ITAR and shall consult with the Department of Commerce regarding any questions relating to compliance with the EAR.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 67 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

(c) The Contractor's responsibility to comply with all applicable laws and regulations regarding export-controlled items exists independent of, and is not established or limited by, the information provided by this clause.

(d) Nothing in the terms of this contract adds, changes, supersedes, or waives any of the requirements of applicable Federal laws, Executive orders, and regulations, including but not limited to—

(1) The Export Administration Act of 1979, as amended (50 U.S.C. App. 2401, et seq.);

(2) The Arms Export Control Act (22 U.S.C. 2751, et seq.);

(3) The International Emergency Economic Powers Act (50 U.S.C. 1701, et seq.);

(4) The Export Administration Regulations (15 CFR Parts 730-774);

(5) The International Traffic in Arms Regulations (22 CFR Parts 120-130); and

(6) Executive Order 13222, as extended.

(e) The Contractor shall include the substance of this clause, including this paragraph (e), in all subcontracts.

5237.102-90 Enterprise-wide Contractor Manpower Reporting Application (ECMRA)

(a) DoD contracting activities awarding or administering contracts shall incorporate the following Enterprise-wide Contractor Manpower Reporting Application (ECMRA) standard language into all contracts which include services, provided the organization that is receiving or benefiting from the contracted service is a Department of Defense organization, including reimbursable appropriated funding sources from non-DoD executive agencies where the Defense Component requiring activity is the executive agent for the function performed. The reporting requirement does not apply to situations where a Defense Component is merely a contracting agent for another executive agency. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

(1) W, Lease/Rental of Equipment;

(2) X, Lease/Rental of Facilities;

(3) Y, Construction of Structures and Facilities;

(4) D, Automatic Data Processing and Telecommunications, IT and Telecom-
Telecommunications Transmission (D304) and Internet (D322) ONLY;

(5) S, Utilities ONLY;

(6) V, Freight and Shipping ONLY.

(b) The standard language to be inserted is:

“The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract **for the [NAMED COMPONENT]** via

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 68 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) D, Automatic Data Processing and Telecommunications, IT and Telecom-Telecommunications Transmission (D304) and Internet (D322) ONLY;
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

The contractor is required to completely fill in all required data fields using the following web address: <https://www.ecmra.mil>.

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://www.ecmra.mil>.

| | | | | |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|
| CONTRACT NO. N00178-04-D-4119 | DELIVERY ORDER NO. N0016419F3001 | AMENDMENT/MODIFICATION NO. P00003 | PAGE 69 of 69 | FINAL |
|----------------------------------|-------------------------------------|--------------------------------------|------------------|-------|

SECTION J LIST OF ATTACHMENTS

Attachment 1 - QASP

Attachment 2 - Travel Authorization Form

Attachment 3 - NAVSEA Form 4340-02 GFI

Attachment 4 - GFP Module

Attachment 5 - DD254

Attachment 6 - Labor Category Qualifications

Attachment 7 - T&M Subcontractor Loaded Fixed Rates

Exhibit A - CDRLs A001-A019