

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
U

PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO.  
28

3. EFFECTIVE DATE  
07-Oct-2016

4. REQUISITION/PURCHASE REQ. NO.  
N/A

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

6. ISSUED BY CODE

N00178

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

S1403A

NSWC, DAHLGREN DIVISION  
17632 Dahlgren Road Suite 157  
Dahlgren VA 22448-5110

DCMA TACTICAL WHEELED VEHICLES  
CHICAGO  
1523 WEST CENTRAL ROAD, BLDG. 203  
ARLINGTON HEIGHTS IL 60005-2451

SCD: C

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

Alion - IPS Corporation  
1000 Burr Ridge Parkway, Suite 202  
Burr Ridge IL 60527

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4066-0003

10B. DATED (SEE ITEM 13)

01-Oct-2007

CAGE CODE  
3UWB7

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).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)

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

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

BY

(Signature of Contracting Officer)

07-Oct-2016

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

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## GENERAL INFORMATION

The purpose of this modification is to:

1. Correct the ACRN for SLIN 600002 from AN to AM

A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

600002:

From: AN 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010MSCPF

To: AM 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010MSCPF

The total amount of funds obligated to the task is hereby increased from \$1,033,560.97 by \$0.00 to \$1,033,560.97.

The total value of the order is hereby increased from \$2,249,017.00 by \$0.00 to \$2,249,017.00.

The Period of Performance of the following line items is hereby changed as follows:

CLIN/SLIN	From	To
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**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
1000	AD26	Contractor Shall provide support in accordance with Section C-Description/Specification statement of work. (Fee finalized in Mod 22) (O&MN,N)	█	█	█	█	\$413,943.00
100001	AD26	Incremental Funding (O&MN,N)					
100002	AD26	Incremental Funding (O&MN,N)					
100003	AD26	Incremental Funding (O&MN,N)					
100004	AD26	Incremental Funding (O&MN,N)					
100005	AD26	Incremental Funding (O&MN,N)					
100006	AD26	Incremental Funding (O&MN,N)					
1100	AD26	Contractor Shall provide support in accordance with Section C-Description/Specification statement of work. Option 1 (Fee finalized in Mod 22) (SCN)	█	█	█	█	\$429,465.00
110001	AD26	Incremental Funding (SCN)					
110002	AD26	Incremental Funding (O&MN,N)					
110003	AD26	Incremental Funding (O&MN,N)					
110004	AD26	Incremental Funding (O&MN,N)					
110005	AD26	Incremental Funding (O&MN,N)					
110006	AD26	Incremental Funding (O&MN,N)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
3000	AD26	ODCs for CLIN 1000 (O&MN,N)	1.0	LO	\$5,000.00
300001	AD26	Incremental Funding (O&MN,N)			
3100	AD26	ODCs for CLIN 3100 Option 1 (O&MN,N)	1.0	LO	\$5,000.00
310001	AD26	Incremental Funding (O&MN,N)			
310002	AD26	Incremental Funding (O&MN,N)			

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
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For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000	AD26	ODCs for CLIN 4000 Option 2 (O&MN,N)	1.0	LO	\$5,000.00
600001	AD26	Incremental Funding for: WBS #: 1.1.99.32 CERS - NAV2604872 Subtask WBS#: 1.1.12.6.4.1 TPS Number: NAV2604872 (SCN)			
600002	AD26	Incremental Funding (O&MN,N)			
6100	AD26	ODCs for CLIN 4100 Option 3 (O&MN,N)	1.0	LO	\$5,000.00
6200	AD26	ODCs for CLIN 4200 Option 4 (O&MN,N) Option	1.0	LO	\$5,000.00

#### "ADDITIONAL CLINS

Additional CLINs may be unilaterally created by the Contracting Officer during the performance of this Task Order to accommodate the multiple types of funds that may be used under this Order. These modifications will not change the overall level of effort, estimated cost, base fee for fixed fee of the task order."

#### 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.

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## SECTION C DESCRIPTIONS AND SPECIFICATIONS

### DESCRIPTIONS/SPECIFICATIONS/STATEMENT OF WORK

#### C.1 INTRODUCTION

The Topside Safety Group (TSG) at the Naval Surface Warfare Center Dahlgren Division (NSWCDD) in Dahlgren, Virginia is tasked with determining optimized Pointing and Firing Cutout (P&FCO) zones for gun and missile launching systems for United States Navy, Coast Guard and some foreign ships. Ship computer models aid in these zone determinations by supplying database input to in-house developed software for analyses. The P&FCO zones themselves are documented in official Naval Sea Systems Command (NAVSEA) drawings. The purpose of this task order is to supply support in ship modeling, P&FCO zone design and documentation, and Computer Aided Design (CAD) systems administration.

##### C.1.1 SCOPE

The contractor shall construct and/or modify three-dimensional ship computer models (SCM's) of United States Navy, Coast Guard, and limited foreign ships that conform to the NSWCDD G73 Ship Modeling Standards, Attachment J.3 to this contract. The contractor shall provide CAD support for P&FCO zone development, and modifications. This support shall include development/modification of CAD automated analysis tools, use of existing/new CAD analysis tools, electronic CAD documentation, and CAD systems support. The contractor shall perform analyses for determining or revising P&FCO zones using TSG analysis tools. The contractor shall develop NAVSEA drawings documenting P&FCO zones for weapons systems aboard ships of interest.

#### C.2 SCM TASK REQUIREMENTS

In fulfilling this task, the contractor shall be required to construct and modify ship models, and to maintain a ship equipment subfigure library.

##### C.2.1 SCM CONSTRUCTION TASK DESCRIPTION

The contractor shall construct models of ships of interest per Attachment J.3.

C.2.1.1 The contractor shall limit ship model construction to topside geometry unique and specific to the particular ship and ship class modeled. Ship-specific geometry includes all ship geometry which will not be entered into the model database as a library subfigure. A library subfigure or block shall consist of a logical grouping of elements that represents some ship component which is not ship-specific (i.e. weapon systems, antennas, etc.) Subfigures or blocks shall be selectable for deletion or relocation without selecting all subcomponent elements separately. Ship-specific geometry shall also include library subfigures or blocks of ship-specific equipment, which shall fulfill the criteria for library subfigure creation as stated in Attachment J.3.

Geometry constructed from reference material which is limited to a given ship or ship class shall be considered ship-specific. If reference material exists which defines ship equipment geometry independent of a ship class, then the equipment can be considered ship-general. Examples of ship-general reference material include Military specification (MIL-SPECS) and Naval type drawings. It may be assumed that ship equipment which occurs on more than one class of ships already exists as a library subfigure. Existing library subfigures or blocks may need translation from one proprietary format to another. The contractor shall be responsible for inserting and orienting ship equipment library subfigures or blocks in the proper locations on the model. If no library subfigure or block is available, a new subfigure or block shall be created and inserted in applicable locations. All new subfigures and blocks will become part of a library of subfigures and blocks, to be maintained according to Attachment J.3 and paragraph C.2.3.

C.2.1.2 The contractor shall identify all ship-specific configuration and dimensional data necessary for ship model construction from Ship Drawing Indexes, Combat Systems Equipment Lists, Ship Alteration Records and other sources specified in Attachment J.3. The contractor shall utilize Joint Computer-Aided Acquisition and Logistic Support (JCALS), Joint Engineering Data Management Information and Control System (JEDMICS), Puget Sound Naval Shipyard Detachment Boston - Drawing and Document database, and other web-based applications for identifying drawings and related documents. Access to these web-based applications and any drawing or document necessary will be provided at NSWCDD expense. A personal computer (PC) will be provided for access to these applications (see paragraph C.9). If deemed necessary by the Government, on-site inspection of a ship may be

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authorized (reference paragraph C.7). All documents issued to the contractor for ship model construction shall be returned to NSWCDD through the TOM upon completion of the project.

C.2.1.3 The contractor shall validate the ship models per the Attachment J.3.

C.2.1.4 The contractor shall document ship model construction per paragraph C.8. All documentation specified in paragraph C.8 shall be considered deliverable.

C.2.1.5 The contractor shall construct ship models in Parametric Technology Corporation's Computer-Aided Design & Drafting System (CADDs 4X, or newer) or Autodesk Mechanical Desktop 2007 or newer, and format as specified in Attachment J.3. A workstation (see paragraph C.9) for access to these applications will be provided.

## **C.2.2 SCM MODIFICATION SUPPORT (SCMMS) TASK DESCRIPTION**

In fulfilling this task, the contractor shall modify existing computer models of United States Navy ships and foreign navy ships so that they conform to Attachment J.3 and they reflect:

a. Proposed topside ship alterations.

b. Configuration of subsequent ships in a ship class after a lead ship has been modeled.

C.2.2.1 The contractor shall identify necessary information to modify lead ship models to reflect other ships in the same class per Attachment J.3 (see paragraph C.2.1.2). The contractor shall obtain the data or the contractor shall provide NSWCDD a point of contact to obtain the data if data cannot be released directly to the contractor. All documents issued to the contractor for ship model modification shall be returned to NSWCDD through the TOM upon completion of the project. It may be assumed that ship equipment, which occurs on more than one class of ships already, exists as a library subfigure or block. Existing library subfigures or blocks may need translation from one proprietary format to another. The contractor shall be responsible for inserting and orienting ship equipment library subfigures or blocks in the proper locations on the model. If no library subfigure or block is available, a new subfigure or block shall be created and inserted in applicable locations. All new subfigures or blocks will become part of a library of subfigures, which will be maintained according to Attachment J.3 and paragraph C.2.3.

C.2.2.2 If deemed necessary by the Government, on-site inspection of a ship may be authorized (See C.7).

C.2.2.3 The contractor shall validate the ship model modification per the Attachment J.3.

C.2.2.4 The contractor shall document ship model modification per paragraph C.8 and Attachment J.3. All documentation shall be considered deliverable.

C.2.2.5 The contractor shall modify the ship models (See paragraph C.2.1.5) on workstations at NSWCDD, Dahlgren, Virginia.

## **C.2.3 SHIP EQUIPMENT LIBRARY SUBFIGURE SUPPORT**

The contractor shall construct ship equipment library subfigures or blocks per Attachment J.3. Specific ship equipment shall be designated by NSWCDD personnel via the TOM.

C.2.3.1 The contractor shall obtain necessary information per paragraph C.2.1.2, C.2.2.1 and C.2.2.2 to construct ship equipment library parts or blocks per Attachment J.3. All documents issued to the contractor for ship equipment library subfigure or block construction shall be returned to NSWCDD upon completion of the project via the TOM.

C.2.3.2 The contractor shall validate the ship equipment library parts or blocks per Attachment J.3.

C.2.3.3 The contractor shall construct the ship equipment library parts or blocks on workstations at NSWCDD, Dahlgren, Virginia (see C.2.1.5).

C.2.3.4 The contractor shall document ship equipment library subfigures or blocks per paragraph C.2.1.5 and Attachment J.3. All documentation shall be considered deliverable.

## **C.3 WEAPON SYSTEM BLOCKAGE DIAGRAM PREPARATION**

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The contractor shall prepare blockage diagrams for shipboard weapon systems from the ship model using the in-house developed programs. The NSWCCD TOM designates the weapon systems. The blockage diagrams will be necessary for completing tasks per paragraphs C.4 and C.5.

#### **C.4 P&FCO ZONE ANALYSIS SUPPORT**

The contractor shall assist in determining preliminary pointing and firing cutout zones for the weapon systems aboard assigned ships. Analysis may include investigating effects of altered (actual or proposed) topside changes, including equipment and/or weapon system additions, subtractions or repositioning. The tasks involved in this function are as follow:

C.4.1 Review existing pointing and firing cutout zones, existing ship topside arrangement and existing information on scheduled ship alterations (SHIPALTS) and topside changes. Except for information to be gathered by the contractor per paragraph C.2.1.2, C.2.2.1 and C.2.2, this information is available at NSWCCD.

C.4.2 Assist in determining possible zone changes and designating areas of the ship and zone for detailed investigation.

C.4.3 Determine exact locations of controlling or interfering structures.

C.4.4 Assist in determining any existing or potential problems.

C.4.5 Prepare and input data to existing NSWCCD analysis programs.

C.4.6 Analyze and interpret computer data output.

C.4.7 Recognize and correct any input or output data errors.

C.4.8 Prepare preliminary pointing and firing cutout zone plots.

C.4.9 Evaluate possible zone design trade offs.

C.4.10 Complete and issue documentation of the pointing and firing cutout zone analyses in accordance with Exhibit A, DD Form 1423.

C.4.11 The contractor shall be assigned, and have the capability to perform, other technical tasks concerning problems with pointing and firing cutout zones such as, but not limited to: a. Investigating removal/relocation of shipboard equipment to resolve conflicts with the painting and firing cutout zones, and b. Assisting in the development of new procedures in support of the Pointing and Firing Cutout Zone Program.

#### **C.5 DRAWING SUPPORT**

The contractor shall complete and issue documentation of the pointing and firing cutout zone(s) and blast overpressure contour plots in accordance with Exhibit A, DD Form 1423. The tasks the contractor shall perform are:

C.5.1 Revise existing pointing and firing cutout zone and grid chart drawings. This task includes revising blockage diagrams and inserting them into the drawings. These drawings shall be revised using CADDs 4x or newer, or AutoDesk Mechanical Desktop 2007 or newer.

C.5.2 Prepare new pointing and firing cutout zone and grid chart drawings in accordance with NSWC MP 88-361 of December 1988. This task includes generating blockage diagrams and inserting them into the drawings. These drawings shall be prepared using CADDs 4x format or newer, or AutoDesk Mechanical Desktop 2007 or newer, as directed by NSWCCD.

C.5.3. Prepare blast overpressure contour drawings from data provided from surveys of proposed ordnance placement.

C.5.4 Provide drawing support for weapon system inspections and miscellaneous studies.

C.5.5 Maintain an accurate accountability log at NSWCCD of any information taken offsite to ensure the return of original pointing and firing cutout zone and grid chart drawings, pertinent ship drawings, cam performance data, and

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other applicable information generated by the contractor. These data must be forwarded to NSWCDD for inclusion in ship data files.

## **C. 6 CAD SUPPORT**

C.6.1 The contractor shall provide support for modification of existing P&FCO Zone automated analysis tools.

C.6.2 The contractor shall provide support for development of new P&FCO Zone automated analysis tools.

C.6.3 The contractor shall provide support for application of developed and existing automated analysis tools to P&FCO Zone development efforts.

C.6.4 The contractor shall provide general CAD system support as needed to support P&FCO Zone development which includes the following: operating system support (Solaris 2.x or Microsoft based operating systems) and CAD system support (CADD5 4X, CADD5 5, and AutoDesk Mechanical Desktop 2007 or newer).

## **C.7 TRAVEL/VISIT SHIPS**

When approved by the TOM, the contractor shall perform on-site inspections of ship's topside arrangement with regard to P&FCO zones for ship computer modeling to resolve ship computer model drawing discrepancies.

C.7.1 The contractor shall establish preliminary contact with the ship, shipyard and/or overhauling activity to discuss visit schedule, ship location, required personnel support (if any), availability of topside structures for photo opportunities and/or direct measurements.

C.7.2 The contractor shall conduct on-site ship topside inspection regarding P&FCO zones.

The tasks to be performed are:

C.7.2.1 Determine exact location of topside structures to resolve ship computer model drawing discrepancies.

C.7.2.2 Determine any existing or potential problems and include items in the Ship Model Construction Trip Report, NSWCDD Reporting Form G72-901107 (See Figure A-5 in Attachment J.3). The report shall contain detailed information by CAD File Name, trip, ship, and weapon including specific dates, name(s), number of travelers, mode of transportation, point of origin/destination, name(s) of point of contact, title/position, phone number(s). Submit trip report with NSWCDD Reporting Form G72-880310 (See Figure A-3 in Attachment J.3) for the ship visited, indicating disposition of all drawing discrepancies. Include remarks on all unresolved drawing discrepancies.

C.7.2.3 Apply resolved data to ship computer model.

### **C.7.3 Safety Precautions**

C.7.3.1 The contractor shall advise personnel visiting ships that hard-hats/bump-hats, safety shoes, and safety glasses are required as protective gear by ships and shipyards

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C.7.3.2 The contractor's personnel visiting ships shall not attempt to go aloft on any mast or related structure without first requesting and receiving permission from the Officer of the Deck.

C.7.3.3 Personnel visiting ships shall be advised by the contractor of own-ship and ships present radiation hazards.

C.7.3.4 Personnel visiting ships shall be advised by the contractor of possible rotation/movement of ship's antennas, mounts, etc.

## **C.8 DOCUMENTATION REQUIREMENTS**

C.8.1 Each ship model or model modification, delivered under paragraph C.8.5, shall be accompanied by the following documentation: Library File Report, Model Notes, Reference Material Report as per Attachment J.3.

C.8.1.1 The Library File Report documentation shall list all supporting library files used in the model. Each new



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library subfigure shall be documented with NSWCCD Reporting Form G72-880308 (See Figure A-1 in Attachment J.3).

C.8.1.2 The Model Notes shall contain notes concerning the conventions and procedures used in creation/modification of the ship model that are not addressed in or that deviate from Attachment J.3. These notes shall be documented with NSWCCD Reporting Form G72-880310 (See Figure A-4 in Attachment J.3). This information shall include identification of sections of the ship model, which were not modeled with sufficient accuracy because of lack of data. NSWCCD personnel before implementation shall approve any deviations or omissions.

C.8.1.3 The Reference Material Report documentation shall list all vendors and Navy reference material used to construct/modify the ship models. Reference data listings shall be provided on NSWCCD Reporting Form G72-880309 (See Figure A-3 in Attachment J.3).

C.8.2 All weapon system blockages generated using CADD5 5, delivered under paragraph C.8.5, shall be delivered with documentation of CALCULATE BLOCKAGE parameters used in creation.

C.8.3 All source code, delivered under paragraph C.8.5 shall be internally documented (commented). Use of global variables where absolutely necessary shall be documented in the header of subprograms along with a variable description, calling programs, and reason for global usage.

C.8.3.1 All new model analysis tools shall be delivered with written documentation detailing the following: background information, problem description, implemented solution, user guidelines and notes.

C.8.4 The Monthly Progress Report, delivered under paragraph C.8.5 and in accordance with Exhibit A, DD Form 1423, Contract Data Requirements List, shall provide highlights on the status of each project/ship, including funds expended per weapon system per ship, currently and cumulatively, total funds expended, funds remaining, problems encountered, proposed solutions, etc. If no progress has been made or if the project/shipyard is delayed for any reason, the contractor shall so report.

#### C.8.5 Deliverables

- a. The ship models.
- b. All library files used in the ship models (as needed in item a.)
- c. Weapon system blockage diagrams.
- d. Documentation
- e. Any software (source and executable code) developed under this task.
- f. Electronic drawing files and data bases.
- g P&FCO zone and grid chart drawings
- h. Documentation of zone analysis support (see paragraph C.4.10)
- i. Monthly Progress Reports.

C.8.5.1 All deliverables (a-i) shall be delivered by storing them in their original format on the NSWCCD System of origin (either UNIX or Windows 2003 server).

C.8.5.2 Items d, g, and h shall be delivered in hardcopy and electronic format.

C.9 NSWCCD CAD facilities will be made available to contractor personnel for project performance during normal working hours (0730 to 1600 local time). The contractor will use either a workstation (NSWCCD CAD facilities) or a Government-supplied PC for ship documentation access while on-site at Dahlgren.

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#### Contractor Provision of IS Resources

Except in special circumstances explicitly detailed elsewhere in this document, the Contractor shall provide all IS resources needed in the performance of this contract. IS resources include, but are not limited to, computers, software, networks, and addresses.

#### Contractor Use of NSWCCD IS Resources

In the event that the contractor is required to have access to NSWCCD IS resources, the login name (common id) and associated information shall be registered with the NSWCCD site issuing authority.

If this contract requires that the contractor be granted access and use of NSWCCD IS resources (at any site), the IS shall be accredited for contractor use in accordance with procedures specified by the IS Security Office. The accreditation shall include COR certification that the use and access is required by this contract.

#### Connections Between NSWCCD and Contractor Facilities

If there is a requirement (specifically delineated elsewhere in this contract) for interconnection between any facilities and/or ISs owned or operated by the contractor, such interconnection shall take place only after approval from the NSWCCD IS Security Office. All such connections as well as the ISs connected thereto will be accredited (operated at an acceptable risk) by the appropriate NSWCCD Designated Approving Authority (DAA) and comply with the requirements of DODDIR 5200.28 regarding Memorandums of Agreement. All such connections will be made outside the appropriate NSWCCD firewall.

#### Accreditation of Contractor-owned ISs

The Government reserves the right to have all contractor owned ISs used in the performance of this contract accredited by the cognizant DAA.

#### Use of Contractor Personnel to Perform IS Security Tasking

General – Personnel performing IS security related tasking must have successfully completed training and demonstrate proficiency in the following areas: Information System Security Awareness, Security Domains, Incident Handling, and Auditing Concepts.

Architecture Specific – Personnel assigned to perform IS security related tasking for a specific area must be trained and demonstrate proficiency in that area. Typical examples include, but are not limited to: networking, processing classified information, Internet Protocols, Unix, Novell, and Microsoft operating systems.

Replacement or New IS Security Personnel - The contractor shall provide evidence that new and replacement IS personnel, unless they are Key Personnel, meet the above requirements and forward such information to the COR for review and approval by the Information Systems Security Office. Failure to meet the requirements herein may result in rejection of the person or persons. Replacement of IS personnel designated as Key Personnel will be in accordance with the Key Personnel provision contained herein.

#### DdI-C41 TERMINATION OF EMPLOYEES WITH NSWCCD BASE ACCESS

The contractor shall insure that all employees who have a NSWCCD badge and/or bumper sticker turn-in the badge and remove the bumper sticker immediately upon termination of their employment under this contract. The above requirement shall be made a part of the standard employee facility clearance procedures for all separated personnel. The contractor shall advise NSWCCD Physical Security of all changes in their contract personnel requiring NSWCCD base access.

For involuntarily separated personnel and those separated under adverse circumstances, the contractor shall notify NSWCCD Physical Security in advance of the date, time and location where the NSWCCD representative may physically remove the employee's automobile bumper sticker and retrieve the NSWCCD badge prior to the employee departing the contractor's facility. In the event the employee is separated in his or her absence, the contractor shall immediately notify NSWCCD Physical Security of the separation and make arrangements between the former employee and NSWCCD Physical Security for the return of the badge and removal of the sticker.

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## RECEIVED FROM THE GOVERNMENT (NAVSEA) (NOV 1996)

(a) The Contractor agrees to test for viruses all computer software and/or computer databases, as defined in the clause entitled "RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION" (DFARS 252.227-7014), before delivery of that computer software or computer database in whatever media and on whatever system the software is delivered. The Contractor warrants that any such computer software and/or computer database will be free of viruses when delivered.

(b) The Contractor agrees to test any computer software and/or computer database(s) received from the Government for viruses prior to use under this contract.

(c) Unless otherwise agreed in writing, any license agreement governing the use of any computer software to be delivered as a result of this contract must be paid-up and perpetual, or so nearly perpetual as to allow the use of the computer software or computer data base with the equipment for which it is obtained, or any replacement equipment, for so long as such equipment is used. Otherwise the computer software or computer data base does not meet the minimum functional requirements of this contract. In the event there is any routine to disable the computer software or computer data base in the future, that date certain shall not be less than 25 years after the delivery date of the computer software or computer database.

(d) No copy protection devices or systems shall be used in any computer software or computer database delivered under this contract to restrict or limit the Government from making copies. This does not prohibit license agreements from specifying the maximum amount of copies that can be made.

(e) Delivery by the Contractor to the Government of certain technical data and other data is now frequently required in digital form rather than as hard copy. Such delivery may cause confusion between data rights and computer software rights. It is agreed that, to the extent that any such data is computer software by virtue of its delivery in digital form, the Government will be licensed to use that digital-form data with exactly the same rights and limitations as if the data had been delivered as hard copy.

(f) Any limited rights legends or other allowed legends placed by a Contractor on technical data or other data delivered in digital form shall be digitally included on the same media as the digital-form data and must be associated with the corresponding digital-form technical data to which the legends apply to the extent possible. Such legends shall also be placed in human-readable form on a visible surface of the media carrying the digital-form data as delivered, to the extent possible.

### **Purchase of Information Technology Assets as an Other Direct Cost**

Effective 1 December 2011, NavAdmin 346/11 dated 15 November 2011 mandates approval for the purchase of any Information Technology Assets. While the approval is the responsibility of the Government, **no invoices for Information Technology assets will be approved for payment without the appropriate approval documentation** . Any purchase of IT Assets without the approval documentation is considered an unauthorized commitment that will not be ratified.

### EARLY DISMISSAL AND CLOSURE OF GOVERNMENT FACILITIES

When a Government facility is closed and/or early dismissal of Federal employees is directed due to severe weather, a security threat, or a facility related problem that prevents personnel from working, on-site contractor personnel regularly assigned to work at that facility should follow the same reporting and/or departure directions given to Government personnel. The contractor shall not direct charge to the contract for time off, but shall follow parent company policies regarding taking leave (administrative or other). Non-essential contractor personnel, who are not required to remain at or report to the facility, shall follow their parent company policy regarding whether they should go/stay home or report to another company facility. Subsequent to an early dismissal and during periods of inclement weather, on-site contractors should monitor radio and television announcements before departing for work to determine if the facility is closed or operating on a

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delayed arrival basis.

When Federal employees are excused from work due to a holiday or a special event (that is unrelated to severe weather, a security threat, or a facility related problem), on-site contractors will continue working established work hours or take leave in accordance with parent company policy. Those contractors who take leave shall not direct charge the nonworking hours to the task order. Contractors are responsible for predetermining and disclosing their charging practices for early dismissal, delayed openings, or closings in accordance with the FAR, applicable cost accounting standards, and company policy. Contractors shall follow their disclosed charging practices during the task order period of performance, and shall not follow any verbal directions to the contrary. The Contracting Officer will make the determination of cost allowability for time lost due to facility closure in accordance with FAR, applicable Cost Accounting Standards, and the Contractor's established accounting policy.

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## **SECTION D PACKAGING AND MARKING**

Packaging and Marking shall be in accordance with Section D of the Seaport E contract.

Technical reports and other deliverable items shall identify the contract and task order numbers.

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## **SECTION E INSPECTION AND ACCEPTANCE**

Inspection and Acceptance shall be performed at destination by the Government.

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## SECTION F DELIVERABLES OR PERFORMANCE

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

1000	10/1/2007 - 9/30/2008
1100	10/1/2008 - 9/30/2009
3000	10/1/2007 - 9/30/2008
3100	10/1/2008 - 9/30/2009
4000	10/1/2009 - 9/30/2010
4100	10/1/2010 - 9/30/2011
4200	10/1/2011 - 9/30/2012
4201	10/1/2011 - 9/30/2012
4202	10/1/2011 - 9/30/2012
6000	10/1/2009 - 9/30/2010
6100	10/1/2010 - 9/30/2011

### CLIN - DELIVERIES OR PERFORMANCE

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

1000	10/1/2007 - 9/30/2008
1100	10/1/2008 - 9/30/2009
3000	10/1/2007 - 9/30/2008
3100	10/1/2008 - 9/30/2009
4000	10/1/2009 - 9/30/2010
4100	10/1/2010 - 9/30/2011
4200	10/1/2011 - 9/30/2012
4201	10/1/2011 - 9/30/2012
4202	10/1/2011 - 9/30/2012
6000	10/1/2009 - 9/30/2010
6100	10/1/2010 - 9/30/2011

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

6200	10/1/2011 - 9/30/2012
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## SECTION G CONTRACT ADMINISTRATION DATA

Ddl-G10 GOVERNMENT CONTRACT ADMINISTRATION POINTS-OF-CONTACT AND RESPONSIBILITIES

### **Procuring Contracting Officer (PCO):**

(a) Name: Any NSWCD D Warranted Contracting Officer

(b) PCO responsibilities are outlined in FAR 1.602-2. The PCO is the only person authorized to approve changes in any of the requirements of this contract or orders issued thereunder and, notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the PCO's. The contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer or is pursuant to specific authority otherwise included as part of this contract. In the event the contractor effects any change at the direction of any person other than the PCO, the change will be considered to be unauthorized.

### **Contract Specialist:**

(a) Name: [REDACTED]  
Address: 17632 Dahlgren Road STE 157  
Dahlgren VA 22448-5110 STE 157  
Phone: [REDACTED]  
E-mail: [REDACTED]

(b) The Contract Specialist is the representative of the Contracting Officer for all contractual matters.

### **Administrative Contracting Officer (ACO):**

(a) Name: [REDACTED]  
Address: 1523 West Central Road, Building 203  
Arlington Heights, IL 60005-2451  
Phone: [REDACTED]

(b) The Administrative Contracting Officer (ACO) of the cognizant Defense Contract Management Agency (DCMA) is designated as the authorized representative of the Contracting Officer for purposes of administering this contract in accordance with FAR 42.3. However, in view of the technical nature of the supplies and services to be furnished, technical cognizance is retained by the Naval Surface Warfare Center, Dahlgren Division.

### **Task Order Manager (TOM):**

(a) Name: [REDACTED]  
Address: NSWC Dahlgren Division



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5375 Maple Road Suite 154  
Dahlgren, VA 22448-5110

Phone: [REDACTED]  
E-mail: [REDACTED]

(b) The TOM is the PCO's appointed representative for technical matters. The TOM is not a contracting officer and does not have the authority to direct the accomplishment of effort which is beyond the scope of the contract or to otherwise change any contract requirements. An informational copy of the TOM appointment letter which provides a delineation of TOM authority and responsibilities is provided as an attachment to this task order.

### **Paying Office**

(a) Name: DFAS Columbus Center, West Entitlement

Address: P.O. Box 182381

Columbus, OH 43218-2381

(b) The Paying Office makes all payments under the contract.

(c) (*DFAS Charleston only*) For the status of invoices and for payments of all types of commercial orders, contact DFAS Charleston Operation, Customer Service, Charleston, S.C. on (800) 755-3642 or (843) 746-6211. The office is open from 8:00 AM to 4:00 PM local time.

### **INVOICE INSTRUCTIONS (NAVSEA) (APR 2007)**

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Sea Systems Command (NAVSEA) will utilize the DoD Wide Area Workflow Receipt and Acceptance (WAWF) system to accept supplies/services delivered under this contract. This web-based system located at <https://wawf.eb.mil> provides the technology for government contractors and authorized Department of Defense (DoD) personnel to generate, capture and process receipt and payment-related documentation in a paperless environment. Invoices for supplies/services rendered under this contract shall be submitted electronically through WAWF. Submission of hard copy DD250/invoices may no longer be accepted for payment.

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(b) It is recommended that the person in your company designated as the Central Contractor Registration (CCR) Electronic Business (EB) Point of Contact and anyone responsible for the submission of invoices, use the online training system for WAWF at <http://wawftraining.com>. The Vendor, Group Administrator (GAM), and sections marked with an asterisk in the training system should be reviewed. Vendor Quick Reference Guides also are available at <http://acquisition.navy.mil/navyaos/content/view/full/3521/>. The most useful guides are “Getting Started for Vendors” and “WAWF Vendor Guide”.

(c) The designated CCR EB point of contact is responsible for activating the company’s CAGE code on WAWF by calling 1-866-618-5988. Once the company is activated, the CCR EB point of contact will self-register under the company’s CAGE code on WAWF and follow the instructions for a group administrator. After the company is set-up on WAWF, any additional persons responsible for submitting invoices must self-register under the company’s CAGE code at <https://wawf.eb.mil>.

(d) The contractor shall use the following document types, DODAAC codes and inspection and acceptance locations when submitting invoices in WAWF:

#### Type of Document

<input type="checkbox"/>	Invoice (FFP Supply & Service)
<input type="checkbox"/>	Invoice and Receiving Report Combo (FFP Supply)
<input type="checkbox"/>	Invoice as 2-in-1 (FFP Service Only)
<input checked="" type="checkbox"/>	Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
<input type="checkbox"/>	Receiving Report (FFP, DD250 Only)

#### DODAAC Codes and Inspection and Acceptance Locations

-


Issue DODAAC	<u>N00178</u>
Admin DODAAC	<u>10438A</u>
Pay Office DODAAC	<u>HQ0338</u>
Inspector DODAAC	<u>N00178</u>
Service Acceptor DODAAC	<u>N00178</u>
Service Approver DODAAC	<u>N00178</u>
Ship To DODAAC	<u>N00178</u>
DCAA Auditor DODAAC	<u>FAO341</u>
LPO DODAAC	<u>N00178</u>
Inspection Location	<u>N00178</u>
Acceptance Location	<u>N00178</u>

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Attachments created in any Microsoft Office product may be attached to the WAWF invoice, e.g., backup documentation, timesheets, etc. Maximum limit for size of each file is 2 megabytes. Maximum limit for size of files per invoice is 5 megabytes.

(e) Before closing out of an invoice session in WAWF, but after submitting the document(s), you will be prompted to send additional email notifications. Click on “Send More Email Notification” and add the acceptor/receiver email addresses noted below in the first email address block, and add any other additional email addresses desired in the following blocks. This additional notification to the government is important to ensure that the acceptor/receiver is aware that the invoice documents have been submitted into WAWF.

Send Additional Email Notification To:
<a href="mailto:dlgr_nswc_g03wawf@navy.mil">dlgr_nswc_g03wawf@navy.mil</a>


(f) The contractor shall submit invoices/cost vouchers for payment per contract terms and the government shall process invoices/cost vouchers for payment per contract terms. Contractors approved by DCAA for direct billing will submit cost vouchers directly to DFAS via WAWF. Final voucher submission will be approved by the ACO.

(g) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the Dahlgren WAWF point of contact Sherry Moore at (540) 653-7499 or [sherry.moore@navy.mil](mailto:sherry.moore@navy.mil), or the NAVSEA WAWF point of contact Margaret Morgan at (202) 781-4815 or [margaret.morgan@navy.mil](mailto:margaret.morgan@navy.mil).

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified below in performance of the work described in the SOW of this task order. The total level of effort for the performance of this order shall be the 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. The man-hours are listed below. (The table below and the blank in

paragraph (d) are to be completed by the offeror as part of their proposal.)

	TOTAL MANHOURS	Compensated	Uncompensated
Base Period	██████████	██████████	██████████
Option 1	██████████	██████████	██████████
Option 2	██████████	██████████	██████████
Option 3	██████████	██████████	██████████
Option 4	██████████	██████████	██████████

(b) Listed above are both the compensated and uncompensated man-hours associated with this order.

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 effort. If no effort is indicated in the uncompensated column above, 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 order 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 (unless telecommuting is specifically addressed in the contractor's/subcontractors personnel policy and presented in the proposal), or other time and effort which does not have a specific and direct contribution to the tasks described in the Statement of Work.

(d) The level of effort for this order shall be expended at an average rate of approximately ██████████ 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

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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 order 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 task order 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) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this order, the Contracting Officer, at its sole discretion, shall either:

--(i) reduce the fee of this task order as follows:

$$\text{Fee Reduction} = \frac{\text{Fee (Required LOE - Expended LOE)}}{\text{Required LOE}}$$

--(ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fees of this order.

(h) 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 order. 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.





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office in writing that no fee adjustment is required.

(e) Additional fee will not be provided for technical hours that exceed 100% of the specified hours.

(f) The fee reduction process applies to all period regardless of the level of funding. This order will be incrementally funded and budgetary constraints may prevent full funding of all periods. The process for finalizing the fixed fee is the same for both fully funded periods and periods funded at less than the estimated total cost plus fixed fee.

#### Ddl-G1 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS

The payment office shall ensure that each payment under this order is made in accordance with the accounting classification reference numbers (ACRNs) shown on each individual invoice.

#### FINALIZED FIXED FEE

The fixed fee for each period (base, option 1, etc.) will be finalized based on the total number of hours provided(both compensated and uncompensated, if applicable).

If 100% or more of both of the compensated and uncompensated hours are provided, the contractor will receive the full fixed fee.

If less than 100% of the compensated and/or uncompensated hours are received, the fixed fee shall be reduced as follows:

Step 1 - The fee will be reduced proportionate to the compensated hours provided - i.e., if 90% of the compensated technical hours were provided, 90% of the fee will be calculated.

Step 2 - If less than 100% of the uncompensated hours were provided, the fee calculated in Step 1 will be further reduced. Fee will be further reduced by the same percentage that uncompensated hours are deficient, i.e., if uncompensated hours are 20% deficient, then the total fee from Step 1 will be reduced by 20%.

Additional fee will not be provided for technical hours that exceed 100% of the specified hours.

#### EARLY DISMISSAL AND CLOSURE OF GOVERNMENT FACILITIES



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When a Government facility is closed and/or early dismissal of Federal employees is directed due to severe weather, a security threat, or a facility related problem that prevents personnel from working, on-site contractor personnel regularly assigned to work at that facility should follow the same reporting and/or departure directions given to Government personnel. The contractor shall not direct charge to the contract for time off, but shall follow parent company policies regarding taking leave (administrative or other). Non-essential contractor personnel, who are not required to remain at or report to the facility, shall follow their parent company policy regarding whether they should go/stay home or report to another company facility. Subsequent to an early dismissal and during periods of inclement weather, on-site contractors should monitor radio and television announcements before departing for work to determine if the facility is closed or operating on a delayed arrival basis.

When Federal employees are excused from work due to a holiday or a special event (that is unrelated to severe weather, a security threat, or a facility related problem), on site contractors will continue working established work hours or take leave in accordance with parent company policy. Those contractors who take leave shall not direct charge the non-working hours to the task order.

Contractors are responsible for predetermining and disclosing their charging practices for early dismissal, delayed openings, or closings in accordance with the FAR, applicable cost accounting standards, and company policy. Contractors shall follow their disclosed charging practices during the task order period of performance, and shall not follow any verbal directions to the contrary. The Contracting Officer will make the determination of cost allowability for time lost due to facility closure in accordance with FAR, applicable Cost Accounting Standards, and the Contractor's established accounting policy.

#### DdI-G40 PAYMENT, SELECTED ITEMS OF COST REIMBURSEMENT CONTRACTS

##### (a) Travel Costs (Including Foreign Travel)

(1) Air: The contractor shall, to the maximum extent practicable, minimize overall travel costs by taking advantage of discounted airfare rates available through advance purchase. Charges associated with itinerary changes and cancellation under nonrefundable airline tickets are reimbursable as long as the changes are driven by the work requirement.

(2) Non-reimbursable Travel: The following travel shall not be reimbursed hereunder: travel performed for personal convenience, daily travel to and from work at the contractor's facility (i.e., designated work site) or to and from NSWCDD when NSWCDD is the designated work site.

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(b) Training

The Government will not allow costs, nor reimburse costs associated with the contractor training employees in an effort to attain and/or maintain minimum personnel qualification requirements of this contract. Other training may be approved on a case-by-case basis by the COR. Attendance at workshops or symposiums is considered training for purposes of this clause.

(c) General Purpose Office Equipment (GPOE) and Information Technology (IT)

The cost of acquisition of GPOE and IT shall not be allowable as direct charges to this contract. The contractor is expected to have the necessary facilities to perform the requirements of this contract, including any necessary GPOE and IT. GPOE means equipment normally found in a business office such as desks, chairs, typewriters, calculators, file cabinets, etc. IT means any equipment or interconnected system or subsystem of equipment that is used in the automatic acquisition, storage, manipulation, movement, control, display, switching, interchange, transmission, or reception of data or information. IT includes computers, ancillary equipment, software, firmware and similar products, services (including support services), and related resources.

Ddl-G41 PAYMENT OF FIXED FEE (COST PLUS FIXED FEE)

(a) Subject to the withholding provisions of this clause, and any other adjustments required by other contract clauses, the fixed fee shall be paid in installments.

(b) The amount of each fee installment shall be billed at [REDACTED] allowable costs. This percentage reflects the ratio of total contract fixed fee to total contract estimated cost.

(c) In accordance with FAR 52.216-8 FIXED FEE in Section I of this contract, the Contracting Officer has established a withholding of 15% of funded fixed fee, not to exceed \$100,000. The contractor's provisional payment vouchers may invoice fee at the percentage cited in paragraph (b) above, up to 85% of the funded fixed fee.

**In accordance with (DFARS) PGI 204.7108 "Other"(d) (12) INVOICING AND PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS**

Consistent with clause HQ G-2-0006 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CITATIONS(b)(12)"Other" (ALTERNATE 1) (NAVSEA) (JAN 2008), which is in your basic Seaport-e contract, the following payment instructions apply to this task order:

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a) This requirement includes support for multiple programs with independent budgets and funding lines. These funding lines are NOT interchangeable and it is critical that the Paying Office pay in accordance with the ACRNs and SLINs noted on the contractor's invoices. To do otherwise could result in a misappropriation of funds.

(b) The Payment Office shall ensure that each payment under this contract is made in accordance with the specific accounting classification reference numbers (ACRNs) and SubCLIN (SLIN) numbers shown on each individual invoice, including attached data.

Accounting Data

SLINID	PR Number	Amount
100001	G73000/72670926	20000.00
LLA :		
AA 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2007DCGC1		

BASE Funding 20000.00  
Cumulative Funding 20000.00

MOD 01

100002	G73000 / 73030240	30000.00
LLA :		
AB 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2008MSCPF		

MOD 01 Funding 30000.00  
Cumulative Funding 50000.00

MOD 02

100003	G7300073533196	45000.00
LLA :		
AB 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2008MSCPF		

300001	G7000073533196	4817.00
LLA :		
AB 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2008MSCPF		

MOD 02 Funding 49817.00  
Cumulative Funding 99817.00

MOD 03

100004	G7300080575748	100000.00
LLA :		
AB 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2008MSCPF		

MOD 03 Funding 100000.00  
Cumulative Funding 199817.00

MOD 04

100005	G73000/81928149	40000.00
LLA :		
AB 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2008MSCPF		
Incremental Funding		

MOD 04 Funding 40000.00  
Cumulative Funding 239817.00

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MOD 05

100006 G73000/82405491 10400.00  
 LLA :  
 AB 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2008MSCPF  
 Incremental Funding

MOD 05 Funding 10400.00  
 Cumulative Funding 250217.00

MOD 06

110001 8260609A 25000.00  
 LLA :  
 AA 97X4930 NH1E 000 77777 0 000178 2F 000000 21WCA0873PFC  
 INCREMENTAL FUNDING

MOD 06 Funding 25000.00  
 Cumulative Funding 275217.00

MOD 07

110002 8340441A 45000.00  
 LLA :  
 AD 1791804 8B5B 253 SA400 0 068342 2D 000000 15BL00000L00  
 Standard Number: N0002409WX00805  
 RCP Number:N0002409RA08B5B

MOD 07 Funding 45000.00  
 Cumulative Funding 320217.00

MOD 08

110003 G73000 / 9041390A 43945.00  
 LLA :  
 AE 1791804 8B5B 257 SA312 0 068342 2D 000000 15BN00000N00  
 Standard Number: N0002409WX01896  
 RCP: N0002409WX01896 ACRN AA

310001 G73000 / 1791804 1025.50  
 LLA :  
 AE 1791804 8B5B 257 SA312 0 068342 2D 000000 15BN00000N00  
 Standard Number: N0002409WX01896  
 RCP: N0002409WX01896 ACRN: AA

MOD 08 Funding 44970.50  
 Cumulative Funding 365187.50

MOD 09

110004 G73000 / 9140400A 5029.50  
 LLA :  
 AE 1791804 8B5B 257 SA312 0 068342 2D 000000 15BN00000N00  
 Standard Number: N0002409WX01896 (ACRN: AA)

110005 G73000 / 9140399A 50000.00  
 LLA :  
 AF 97X4930 NH1E 000 77777 0 000178 2F 000000 21WCA09PFCO2

MOD 09 Funding 55029.50  
 Cumulative Funding 420217.00

MOD 10

110006 G73000/9243434A 15000.00  
 LLA :

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AG 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2009MSCPF  
Incremental funding.

310002 G73000/9229262A 3974.50  
LLA :  
AF 97X4930 NH1E 000 77777 0 000178 2F 000000 21WCA09PFCO2  
Incremental funds.

MOD 10 Funding 18974.50  
Cumulative Funding 439191.50

MOD 11

400001 G73000/9275141A 20000.00  
LLA :  
AH 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2009SPFC1  
Incremental Funding to Exercise Option 2

MOD 11 Funding 20000.00  
Cumulative Funding 459191.50

MOD 12

400002 G70000/9308390A 30000.00  
LLA :  
AJ 97X4930 NH1E 000 77777 0 000178 2F 000000 24Q96XN00500  
Incremental Funding

MOD 12 Funding 30000.00  
Cumulative Funding 489191.50

MOD 13

400003 W05000/0022043C 47500.00  
LLA :  
AK W05000 1751811 1224 252 X3WMW 0 068342 2D 000000 556889001A3B  
Standard Number: N0002410WX20191:AA  
Funding for:  
WBS #: 1.199.32 CERS - NAV2604872  
Subtask WBS#: 1.1.12.6.4.1  
TPS Number: NAV2604872

600001 W05000/0022043C 2500.00  
LLA :  
AK 1751811 1224 252 X3WMW 0 068342 2D 000000 556889001A3B  
Standard Number: N0002410WX20191: AA  
Incremental Funding for:  
WBS #: 1.1.99.32 CERS - NAV2604872  
Subtask WBS#: 1.1.12.6.4.1  
TPS Number: NAV2604872

MOD 13 Funding 50000.00  
Cumulative Funding 539191.50

MOD 14

400004 G73000/0054257A 90000.00  
LLA :  
AL 1701804 8B5B 253 SA400 0 068342 2D 000000 15BL00000L00  
Standard Number: N0002410WX01510: AA  
Funding.

MOD 14 Funding 90000.00  
Cumulative Funding 629191.50

MOD 15

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400005 39000.00  
 LLA :  
 AL 1701804 8B5B 253 SA400 0 068342 2D 000000 15BL00000L00  
 Incremental funding.

MOD 15 Funding 39000.00  
 Cumulative Funding 668191.50

MOD 16

400006 G73000/0207227A 39000.00  
 LLA :  
 AM 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010MSCPF  
 Incremental Funding

600002 G73000/0207228A 2114.00  
 LLA :  
 AM 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010MSCPF  
 Incremental Funding

MOD 16 Funding 41114.00  
 Cumulative Funding 709305.50

MOD 17

410001 G73000/0210116A 25000.00  
 LLA :  
 AN 7091306132A3T099000053B130703722531  
 Standard Number: HSCGG810XADB044 ACRN: AA Applies  
 Incremental Funding

MOD 17 Funding 25000.00  
 Cumulative Funding 734305.50

MOD 18 Funding 0.00  
 Cumulative Funding 734305.50

MOD 19

410002 G73000/0302002A 25000.00  
 LLA :  
 AP 97X4930 NH1E 000 77777 0 000178 2F 000000 21WCA10LPPF1  
 Incremental Funding

MOD 19 Funding 25000.00  
 Cumulative Funding 759305.50

MOD 20

410003 W05000/0342137C 30000.00  
 LLA :  
 AQ 1751811 1224 253 X3WMW 0 068342 2D 000000 556889001A3B  
 Standard Number: RCP: N0002411WX20169 ACRN: AA Applies  
 Incremental Funding

MOD 20 Funding 30000.00  
 Cumulative Funding 789305.50

MOD 21

410004 1039388C 20000.00  
 LLA :  
 AR 97X4930 NH1E 000 77777 0 000178 2F 000000 21WCA11LSPF1  
 Incremental Funding

MOD 21 Funding 20000.00

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Cumulative Funding 809305.50

MOD 22

410005 1083350A 20000.00  
 LLA :  
 AS 1711804 8B5B 257 VU021 0 050120 2D 000000 A00000622145

MOD 22 Funding 20000.00  
 Cumulative Funding 829305.50

MOD 23

410006 G73000/1158237A 50000.00  
 LLA :  
 AT 1711804 8B5B 257 VU021 0 050120 2D 000000 A00000622145  
 Standard Number: RCP: N0002411RX00713 ACRN: AA Applies  
 Incremental Funding

MOD 23 Funding 50000.00  
 Cumulative Funding 879305.50

MOD 24

420001 1244074C 30000.00  
 LLA :  
 AQ 1751811 1224 253 X3WMW 0 068342 2D 000000 556889001A3B  
 Standard Number: N0002411WX20169; ACRN AA  
 WBS #:1.1.99.32 CERS - NAV2604872 Subtask WBS #: 1.1.12.6.5.5  
 TPS Number NAV2604872

420101 1243024A 12000.00  
 LLA :  
 AU 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010FEGCW  
 FMS FUNDING CASE # EG-P-SBU

420201 1243025A 25000.00  
 LLA :  
 AV 97-11X8242 2860 000 74602 0 065916 2D PKSE44 003560440LPN  
 Standard Number: N0002411RX02976; ACRN AA  
 FMS Funding Case # KS-P-LPN

MOD 24 Funding 67000.00  
 Cumulative Funding 946305.50

MOD 25

420002 1300246538-00001 20000.00  
 LLA :  
 AW 97X4930 NH1E 255 77777 0 050120 2F 000000 A00001033669  
 Incremental Funding

MOD 25 Funding 20000.00  
 Cumulative Funding 966305.50

MOD 26

420003 1300254742 80000.00  
 LLA :  
 AX 97X4930 NH1E 255 77777 0 050120 2F 000000 A00001091330

MOD 26 Funding 80000.00  
 Cumulative Funding 1046305.50

MOD 27

400006 G73000/0207227A (10630.53)

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LLA :  
AM 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010MSCPF  
Incremental Funding

600002 G73000/0207228A (2114.00)

LLA :  
AM 97X4930 NH1E 000 77777 0 000178 2F 000000 21G2010MSCPF  
Incremental Funding

MOD 27 Funding -12744.53  
Cumulative Funding 1033560.97

MOD 28 Funding 0.00  
Cumulative Funding 1033560.97



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## SECTION H SPECIAL CONTRACT REQUIREMENTS

Section H clauses are in accordance with Section H of the Seaport E contract.

### MANDATORY REQUIREMENT

A CONFIDENTIAL clearance is required for all personnel performing under this task order.

### Ddl-H11 CHANGES IN KEY PERSONNEL

(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) The contractor agrees that during the first 90 days of the period of performance no key personnel substitutions will be permitted unless such substitutions are necessitated by an individual's sudden illness, death, or termination of employment. All proposed substitutions 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 fifteen (15) days, or thirty (30) 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;

(3) The hourly rates of the incumbent and the proposed substitute; and

(4) 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.

(c) In the event a requirement to increase the specified level of effort for a designated labor category, but not the overall level of effort of the contract, occurs, the Contractor shall submit to the Contracting Officer a written request for approval to add personnel to the designated labor category. The same information as specified in paragraph (b) above is to be submitted with the request.

(d) The Contracting Officer shall evaluate requests for changes in personnel and promptly notify the Contractor, in writing, whether the request is approved or disapproved.

### Ddl-H10 EMPLOYMENT OF US GOVERNMENT PERSONNEL RESTRICTED

In performing this contract, the Contractor shall not use as a consultant or employ (on either a full or part time basis) any active duty U.S. Government personnel (civilian or military) without the prior written approval of the Contracting Officer. Such approval may be given only in circumstances where it is clear that no laws and no DoD or U.S. Government instructions, regulations, or policies might possibly be contravened and no appearance of a conflict of interest will result.

### Ddl-H12 KEY PERSONNEL – POST AWARD ADMINISTRATION

Upon contract award, the desired qualifications as stated herein, will become minimum qualifications for any growth in Key Personnel categories beyond those individuals originally proposed. Resumes (in the format provided in the clause RESUME FORMAT AND CONTENT REQUIREMENTS) shall be submitted to the Contracting Officer, and approved, prior to the individual being allowed to charge to the contract.

### Ddl-H13 POST AWARD CONTRACTOR PERSONNEL APPROVAL

Requests for post award approval of additional and/or replacement key and non-key personnel may be submitted via e-mail. E-mail submissions shall be made simultaneously to the Contract Specialist [REDACTED] and the Task Order Manager (TOM) [REDACTED]. Electronic notification via e-mail from the Contract Specialist will serve as written approval/disapproval on behalf of the

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Contracting Officer.

#### DdI-H14 KEY PERSONNEL – PERSONNEL EXPERTISE, EXPERIENCE & EDUCATION

To perform the requirements of the Statement of Work, the Government desires personnel with the following education and experience qualifications:

**CAD Engineering / Administrator Specialist** - five years of experience using PTC's CADD5, including two years of systems administration of CADD5; five years experience in using AutoCAD; three years of experience in on-going computer ship topside modeling efforts of U.S. Navy ships; three years of experience in computer ship topside modeling efforts of U. S. Navy ships; five years of experience in using various techniques for building complex three-dimensional wire-frame and surfaced models using CAD software; three years of experience in using CAD software to analyze the effects of placement of new topside equipment/structure on P&FCO zones; two years of experience in using JEDMICS and/or JCALS; two years of experience working with Naval planning yards to obtain ship drawings; four years of experience in UNIX systems administration, including two years in Sun Solaris 2.x.

**Analyst / Draftsman** - five years of experience using PTC's CADD5; three years of experience using CAD software to analyze the effects of placement of new topside equipment/structure on P&FCO zones; two years of experience in generating and updating blockage diagrams; two years of experience with U.S. Navy standard drawing formats and specifications.

**Programmer** - MS Visual BASIC 6.0 or MS Visual Studio BASIC .NET programming experience. Relational database development (MS SQL Server specific). Autodesk COM programming experience. MS Visual Studio 2005, C programming experience. MS Visual Studio .NET, C programming experience. Autodesk ObjectARX programming experience. Autodesk AutoCAD Applications experience. MS Office COM. Complex data structures. Bachelors degree in Computer Science or 5 years on-the-job related experience.

#### DdI-H16 RESUME FORMAT AND CONTENT REQUIREMENTS

All resumes submitted under this contract shall be provided in the following format.

- (a) COMPLETE NAME
- (b) CONTRACT LABOR CATEGORY
- (c) CONTRACTOR'S LABOR CATEGORY
- (d) CURRENT EMPLOYER
- (e) AVAILABILITY (state as a percentage of a total man-year. Note whether individual is proposed or is working as a key person on another requirement and, if so, provide explanation as to how both requirements will be satisfied).
- (f) LEVEL OF SECURITY CLEARANCE
- (g) CURRENT WORK LOCATION
- (h) PLANNED WORK LOCATION (If the planned work location is other than the offeror's primary location supporting this effort, the nature of the proposed individual's planned contribution shall be discussed.)
- (i) WORK EXPERIENCE -- Show experience and dates as follows:

Name of Employer; 6 years 4 mos.; 10/91 - 2/98; Position Title

Work experience shall be presented in separate paragraphs, clearly marked with proper category of experience (Qualifying Experience; Non-Relevant Experience -- If relevant and non-relevant experience was obtained while at the same employer, separate time periods shall be noted for each assignment.) All qualifying experience shall be presented in a level of detail that will permit the evaluator to make a clear connection between the experience and the stated qualifications for the labor category. Specific examples of work assignments, accomplishments, and products shall be provided. Phrases such as "assisted with", "participated in", or "supported" are unacceptable except as introductory to a detailed description of the actual work performed.

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All military experience claimed shall be described such that each tour is treated as a separate employer. Time frames/titles/ responsibilities shall be provided at the level of detail proscribed by above. Military experience not documented in this manner may not be considered.

Contractors shall avoid gaps in experience as time unaccounted for may lead to confusion and need for clarification.

The cut-off date for any experience claimed shall be the date the resume is certified (see paragraph (k) below).

(j) EDUCATION -- Show all post-secondary as follows:

Degree(s); Date(s); Institution; Major/Minor

If non-degreed, if the degree is in an unrelated field, or if formal training falls short of a degree, the Government may evaluate additional specific experience/education substituted in lieu of the degree qualification. Such work experience(s) shall be described at the level of detail discussed above or it may not be evaluated. Experience cited as a substitute for the degree qualification may not also be credited toward fulfillment of labor category experience requirements. Specific classes submitted for consideration shall be identified together with applicable training institution and completion date.

(k) CERTIFICATION -- A certification of correctness of information signed and dated by both the person named and the contractor. The employee certification shall include the following statement: CERTIFICATION: "I certify that the education and experience described herein is complete and accurate in all respects. I consent to the disclosure of my resume for NSWCCD Solicitation/Contract N00178- (insert appropriate solicitation or contract number) by (insert Company name) and intend to make myself available to work under the contract to the extent proposed."

Employee Signature and Date Contractor Signature and Date

Resumes without this certification will be unacceptable and will not be considered. The employee and contractor certifications shall not be dated earlier than the issue date of this solicitation or effective date of contract, as appropriate.

If the employee is not a current employee of the contractor (or a subcontractor), a copy of the accepted offer letter (which identifies a projected start date and the agreed to annual salary) shall be provided.

#### PERFORMANCE BASED CONTRACT REVIEW AND ACCEPTANCE PROCEDURES

(a) This is a performance based contract as defined in FAR Part 37.6 contractor performance will be evaluated in accordance with the Quality Assurance Surveillance Plan (QASP) included as Attachments J.4.

(b) The QASP) defines that thie evaluation and acceptance will become part of the annual Contractor Performance Assessment Reporting System (CPARS). The contractor may obtain more information regarding the CPARS process at the following internet site: <http://cpars.navy.mil>

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## **SECTION I CONTRACT CLAUSES**

### **CLAUSES INCORPORATED BY REFERENCE**

52.216-8 Fixed Fee MAR 1997

252.225-7027 Restriction on Contingent Fees for Forgin Military Sales (APR 2003)

252.225-7028 Exclusionary Policies and Practices of Foreign Government (APR 2003)

### **CLAUSES INCORPORATED BY FULL TEXT**

52.217-9 -- Option to Extend the Term of the Contract (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days after the previous period of performance; provided, that the Government gives the Contractor a preliminary written notice of its intent to extend at least 25 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(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 options under this clause, shall not exceed 5 Years.

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## **SECTION J LIST OF ATTACHMENTS**

List of Exhibits and Attachments for Section J

Attachment J.6 - 000325 ACRN Sheet