

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
V

PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO.  
18

3. EFFECTIVE DATE  
26-Sep-2017

4. REQUISITION/PURCHASE REQ. NO.  
1300669600

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

6. ISSUED BY CODE

N64498

7. ADMINISTERED BY (If other than Item 6)

CODE S2404A

NAVAL SURFACE WARFARE CENTER PHILA  
NSWCPD  
Philadelphia PA 19112-1403

DCMA Manassas  
14501 George Carter Way, 2nd Floor  
Chantilly VA 20151

SCD: C

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

Harris Corporation  
12975 Worldgate Drive, Suite 700  
Herndon VA 20170-6008

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-14-D-7714-EHP1

10B. DATED (SEE ITEM 13)

26-Aug-2015

CAGE CODE 9M715

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)

SEE SECTION G

**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)  
FAR 52.232-22 Limitation of Funds

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)

Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY /s/Ashley E Gayle

(Signature of Contracting Officer)

26-Sep-2017

NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA  
FAR (48 CFR) 53.243

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

**GENERAL INFORMATION**

1.) The purpose of this modification is to exercise Option Year 2, provide Incremental Funding for CLIN 7401 in the amount of [REDACTED], and to cite 2410a authority. It is estimated that funding under this order will cover the cost of performance through 24 September 2018. In accordance with clause 52.232-22, the Government is not obligated to reimburse the contractor for any costs incurred in excess of [REDACTED] unless additional funds are made available and obligated under this order in a subsequent modification.

2.) Technical Instruction (TI) - The Contractor is not authorized to start performance associated with the funding cited in Section G until the Contracting Officer and Contracting Officer's Representative receive a fully signed copy of the Technical Instruction from the contractor.

10 U.S.C. 20410a- Contracts for periods crossing fiscal years: severable contracts; leases of real or personal property is hereby cited.

The Line of Accounting information is hereby changed as follows:

[REDACTED]				
[REDACTED]				
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]				
[REDACTED]				
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]		
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]







[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
[REDACTED]		[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
[REDACTED]		[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
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	[REDACTED]		[REDACTED]				
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	[REDACTED]		[REDACTED]				
[REDACTED]		[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
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[REDACTED]		[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
		[REDACTED]	[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
		[REDACTED]	[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
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	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
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	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				
[REDACTED]		[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]				
	[REDACTED]		[REDACTED]				
	[REDACTED]		[REDACTED]				













[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

\*Denotes Key Personnel

\*\*Government Site implies that the Contractor employee will be working in a government owned Facility and will be utilizing a Government owned desk and office equipment

\*\*\*Contractor Site implies that the Contractor needs to provide personnel in this locality in order to accomplish the needs of the U.S. Navy. HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT – ALTERNATE 1) (NAVSEA) (MAY 2010)

It is noted that your proposal submission shall include a completed "Direct Labor Rate Substantiation" Table with attached supporting documentation as applicable. A sample table has been included as an attachment to the RFP. (See Attachment #4).

**NOTE: Offerors are required to propose on the labor categories and hour estimates provided as the Level of Effort. Offerors who propose other than what is specified shall be considered non-responsive.**

(a) For purposes of this task order, "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.

(End of Text)

NOTE: Exercise of option CLINs in award term periods are contingent upon the award term option period of the basic contract being exercised.

**NOTE: INCENTIVE FEE**

T [REDACTED]

[REDACTED]

*Note: Upon award, the successful Offeror's proposed Maximum Incentive Fee and Target Fee percentages, if less than the solicitation stated thresholds, will be incorporated in FAR clause 52.216-10 INCENTIVE FEE in SECTION I.*

(1) The final target cost, target fee amounts shall be based upon the actual level of effort the contractor provides as explained in the following paragraphs:

<u>CPIF LABOR ITEMS</u>	<u>LABOR HOURS</u>	<u>TARGET COST</u>	<u>TARGET FEE*</u> <u>(NTE=</u> [REDACTED])	<u>TOTAL TARGET COST/FEE AMOUNT</u>
7000	TBD	\$TBD	\$TBD	\$TBD
7000 Rate/Hr	[REDACTED]	\$/HR	FEE/HR	TOTAL/HR
7100	TBD	\$TBD	\$TBD	\$TBD
7100 Rate/Hr	[REDACTED]	\$/HR	FEE/HR	TOTAL/HR
7200	TBD	\$TBD	\$TBD	\$TBD
7200 Rate/Hr	[REDACTED]	\$/HR	FEE/HR	TOTAL/HR
7300	TBD	\$TBD	\$TBD	\$TBD
7300 Rate/Hr	[REDACTED]	\$/HR	FEE/HR	TOTAL/HR
7400	TBD	\$TBD	\$TBD	\$TBD

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7400 Rate/Hr		\$/HR	FEE/HR	TOTAL/HR
[REDACTED]				

(i) The *final*

CPIF target cost for CLIN 7000 and (if and to the extent Options are exercised) Option CLIN(s) 7100 and 7200 and (if Award Terms are awarded) CLIN(s) 7300 and 7400 shall be determined by multiplying the allowable hours worked, including subcontractor hours, under the CLIN by the rate/hour in the target cost column including cost of money, in the preceding table.

(ii) The *final* CPIF target fee for CLIN 7000 and (if and to the extent Options are exercised) Option CLIN(s) 7100 and 7200 and (if Award Terms are awarded) CLIN(s) 7300 and 7400 shall be determined by multiplying the allowable hours worked, including subcontractor hours, under the CLIN by the rate/hour in the target fee column of the preceding table.

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## **SECTION C DESCRIPTIONS AND SPECIFICATIONS**

### STATEMENT OF WORK

#### 1.0 BACKGROUND:

NSWCCD-SSES is responsible for providing Configuration Data Management, Engineering, Information Technology and Logistics support for Hull, Mechanical, and Electrical (HM&E) equipment on US Navy ships. Support includes life cycle management, program management, engineering change development, system configuration tracking, support documentation, integrated logistics support, and Depot management. Work under this solicitation is related to Marine Gas Turbine (MGT) program systems specifically, and other systems and equipment also under purview of the Propulsion Executive Steering Committee (PESC) in general, with the bulk of the work associated with US Navy Surface Combatant Ships. Hulls also affected may include Carriers, Mine Sweeping Vessels and various Amphibious Ships and Assault Craft (including Landing Craft (LCAC) and Ship-to-Shore Connectors (SSC)). Tasking that may be included within "HM&E machinery areas" beyond MGT Engines and Ancillary equipment includes shafting, propulsors, gears, propellers, hubs, Oil Distribution Boxes, and other prime movers associated with ship propulsion and power generation. Tasking is also expected to assist NSWCCD-SSES with providing engineering and information technology services to customers beyond our traditional Naval customers (i.e.: NAVAIR, MSC, USCG, US Army, Foreign Military, etc.) for configuration and system management, maintenance, depot and logistics needs. The predominant work area, however, is for U.S. Navy MGT related systems. Support as previously noted may necessitate the use of a variety of funding sources (RDT&E/ONR, OPN, OM&N, SCN, FMS, OGV T etc.). For the purposes of this solicitation, the contractor shall be responsible primarily for providing program management, professional engineering services, and professional information technology and system programming as requested to support the MGT Program and related HM&E propulsion and power generation machinery programs. The foregoing is in support of Code 93, as directed through the Marine Gas Turbine Program Office, Code 911, or by the PESC via Technical Instruction. Integrated Logistics and Information Technology Support as required by Codes 942, 946 and on occasion Code 90 as related to the systems noted is also included in this effort.

#### 2.0 SCOPE:

For Configuration Data Management, Engineering, Information Technology and Integrated Logistics Support Services for the Marine Gas Turbine Program, and for related HM&E Propulsion and Power Generation Machinery Systems as managed by the Propulsion Executive Steering Committee (PESC).

#### 3.0 APPLICABLE DOCUMENTS:

3.1 DoD 8570.01M Information Assurance Workforce Improvement Program

3.2 DoD 5200.02 DoD Personnel Security Program

3.3 Joint Fleet Maintenance Manual (JFMM) Volume IV Tests and Inspections (COMFLTFORCOMINST 4790.3 REV B CH-3) Section 23

3.4 NAVAL SHIPS' TECHNICAL MANUAL CHAPTER 234 MARINE GAS TURBINES S9086-HC-STM-010



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3.5 SECNAV M-5239.2 Department of the Navy Information Assurance (IA) Workforce Management Manual

3.6 DOD 4120.24-M Defense Standardization Program Policies and Procedures

3.7 MIL-STD-961 Department of Defense Standard Practice Defense and Program-Unique Specifications Format and Content.

#### 4.0 REQUIREMENTS:

The contractor shall provide support to the MGT Program and the PESC through technical efforts for assigned systems including:

4.1. Provision of professional Information Technology and System Programming services in support of the MGT Information System (MGTIS)/Weblog, and associated databases for all propulsion and power generation equipment with the primary focus on 2SCOG assets including:

4.1.1) Ensuring functionality, guaranteeing database structural integrity and quality assurance, processing of all monthly updates

4.1.2) Providing programming changes and upgrades

4.1.3) Developing and maintaining formal backup and recovery plans

4.1.4) Developing and maintaining formal testing plans

4.1.5) Providing troubleshooting services as needed

4.1.6) Providing Server Support in maintaining the NSWCCD-SSES servers in the NMCI, NGEN, or other hosting environment including SPAWAR and DISA, and troubleshooting data transmittal problems to and from the servers.

4.1.7) Providing support including:

a) Maintaining the Authority To Operate (ATO) through the Certification and Accreditation (C&A) process and associated documentation required to meeting C&A requirements

b) Maintaining a high speed internet connection to the servers

c) Performing regular administrative functions

d) Performing monthly data backups

e) Restoring servers after any hardware or software problem

f) Adding any software patches needed to maintain server operations and flow of data

g) Maintaining other database connections as required including CDMD-OA

g) Providing web access to the database for direct, NSWCCD-SSES specified edit/update capabilities for NSWCCD-SSES specified activities.

NOTE : Contractor personnel accessing information systems shall meet applicable training and certification requirements set forth in DoD 8570.01M, DOD5200.2-R, and SECNAV M-5239.2. The contractor is responsible to ensure that personnel possess and maintain the proper and current Information Assurance (IA) certifications in accordance with DoD 8570.01M and the Computing

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Environment/Operating System (CE/OS) certifications in accordance with SECNAV M-5239.2 shown in the following table:

Cybersecurity Workforce / Information Assurance Workforce Contractor Training Requirements Matrix

Labor Category	Task Area	IA Duties	IAT or IAM	Level (I,II,III)	Baseline Certification	Computing Environment Certification (for IATs only)	Continuing Education Requirements
Mid-Level Server Administrator	4.1.5, 4.1.6, 4.1.7, 4.2.2.e&g&i	Administers servers. Configures and remediates servers.	IAT	II	Comp TIA Security +	MCITP-SA	Yes, as required by Comp TIA program
Server Administrator	4.1.5, 4.1.6, 4.1.7, 4.2.2.e&g&i	Administers servers. Configures and remediates servers.	IAT	II	Comp TIA Security +	MCITP-SA	Yes, as required by Comp TIA program
Senior Programmer Analyst	4.1 & 4.2 (excluding 4.1.6, 4.1.7 and 4.2.2.g&i)	Programming and software oversight	IAM	I	Comp TIA Security +	NA	Yes, as required by Comp TIA program
Computer Science Engineer	4.1 & 4.2 (excluding 4.1.6, 4.1.7 and 4.2.2.g&i)	Programming and software development	IAM	I	Comp TIA Security +	NA	Yes, as required by Comp TIA program
Mid-Level Web Developer	4.1 & 4.2 (excluding 4.1.6, 4.1.7 and 4.2.2.g&i)	Web Development	IAT	I	Comp TIA Security +	NA	Yes, as required by Comp TIA program
Web Developer	4.1 & 4.2 (excluding 4.1.6, 4.1.7 and 4.2.2.g&i)	Web Development	IAT	I	Comp TIA Security +	NA	Yes, as required by Comp TIA program
Computer Programmer	4.1 & 4.2 (excluding 4.1.6, 4.1.7 and 4.2.2.g&i)	Programming and software development	IAM	I	Comp TIA Security +	NA	Yes, as required by Comp TIA program

4.1.8) Providing DBA support in maintaining the integrity of all databases and the functionality of MGTIS/Weblog and any needed interface functionality and reporting mechanisms specified.

4.1.9) Developing and maintaining data models and Functional Design Documentation (FDD).

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4.1.10) Creating, maintaining and revising MGTIS training and Help System and associated tools utilizing MadCap Software and Adobe eLearning Suite as required.

4.1.11) Performing data audits utilizing SQL queries, as required to identify user generated data errors, duplicate information, and increase data quality and data accuracy.

Note: At the completion of the period of performance work, the contractor shall deliver any and all MGTIS/Weblog programming, code, applets, scripts, queries, data files, hardware, FDD, and software/hardware contract, or licensing documentation.

4.2. Developing, administrating, and maintaining database systems to support program management needs. Related to this, the contractor is responsible for:

4.2.1 Providing programming updates and maintaining the data content of the track force system. ("Microsoft Access" base program, contractor is required to have detailed experience working in Access to maintain and update this database as directed.);

4.2.2) Providing data updates as needed to the US Navy Integrated Propulsion and Auxiliary Power Generation Portal (NIPPGP)Website, as authorized by the PESC and user community where applicable

- a) Developing and maintaining data models and Functional Design Documentation (FDD)
- b) Developing and maintaining formal backup and recovery plans
- c) Ensuring functionality, guaranteeing database structural integrity and quality assurance, processing of all monthly updates
- d) Providing DBA support in maintaining the integrity of all databases and the functionality of the Propulsion Portal, and any needed interface functionality and reporting mechanisms specified.
- e) Providing troubleshooting services as needed
- f) Performing review of system generated 3M files and submitting reviewed files to Type Commander (TYCOM )as required.
- g) Maintain other database connections as required including CDMD-OA.
- h) Maintaining the Authority To Operate (ATO) through the Certification and Accreditation (C&A) process and associated documentation required to meeting C&A requirements
- i) Maintaining a high speed internet connection to the servers;

Note: At the completion of the period of performance work, the contractor shall deliver any and all MGTIS/Weblog programming, code, applets, scripts, queries, data files, hardware, FDD, and software/hardware contract, or licensing documentation.

4.3. Developing and revising Technical Directives (TDs) to accomplish equipment changes on US Navy MGT systems in concurrence with approved Engineering Change Proposals (ECPs).

4.3.1) TDs will contain essential information required to complete the installation of equipment changes

4.3.2) TDs will be developed in MS Word and will be formatted in accordance with US Navy standards and practices

4.3.3) The contractor will assist in the development of ECPs and support the related ECP review and approval process

4.3.4) The contractor will assist in the preparation for Program level meetings including Propulsion Executive Steering Committee Meetings, Fleet Maintenance Meetings, etc.

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4.3.5) Development of Marine Gas Turbine Technical Directives (TDs) in electronic format including publishing the finalized version to the Navy Integrated Propulsion and Power Generation Portal (NIPPGP).

4.4. Development of Interim Support Packages (ISPs) and Logistic Support Packages (LSPs) in interactive electronic, and hard copy format to provide necessary information for shipboard systems and equipment in support of SSES AIT related work, in concert with established Code 93 and 94 requirements. ISPs/LSPs may include any or all of the following:

4.4.1) Marked up technical manual pages and associated drawings and troubleshooting charts

4.4.2) Electronically marked up EOSS/EOCC diagrams and procedures

4.4.3) Updates to Maintenance Requirement Cards (MRCs) and Maintenance Index Pages (MIPs) in the Planned Maintenance System (PMS)

4.4.4) Updates to Allowance Parts Lists (APLs) and associated supply system documents, to include efforts to prepare, organize, and develop CDMD-OA work files in support of machinery alterations, as applicable.

4.4.5) Development of Software Certification Letters for support shipboard operational control systems.

4.5. Providing services for development of performance reliability and maintainability analyses for assigned systems based on system and component level failures and casualties, and based on available operating and configuration data. Efforts include:

4.5.1) Operational Availability

4.5.2) Mean Time Between Repair

4.5.3) Mean Time Between Removals (for assigned systems and components)

4.5.4) Mean Time Between Failure

4.5.5) Other statistics and performance metric as directed to determine system and component level reliability

4.6. Shipboard verifications of hardware modifications and training of operators, as directed.

4.7. Providing engineering technical support for U.S. Navy new acquisition programs related to new MGT engines and systems including Littoral Combat Ships (LCS 1 and LCS 2 variants), DDG 1000, SSC, LHA 6. Support is to include development of related Logistics Products.

4.8. Providing engineering services as required to analyze and evaluate through test, or calculation MGT component design changes. Work scope herein includes:

4.8.1) Reviewing detailed design drawings for production and manufacture of critical components;

4.8.2) Conducting Metallurgical/Material analysis to define material composition, "lifting" affects, operating characteristics and limitations, etc;

4.8.3) Demonstrating understanding of the gas turbine environment and engine/component performance requirements such that detailed assessment of the suitability of parts fabrication processes (including all material processes and part tolerances) can be provided on an as requested basis;

4.8.4) Assessing component structural integrity as needed, to allow prediction of component life over the life cycle of an engine;

4.8.5) Preparing appropriate testing requirements necessary to qualify alternative part designs for use in MGT engines.

4.9. Providing industrial engineering services to providing support for repair process review and depot overhaul methodologies in support of 2SCOG managed assets.

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4.9.1) Identify areas of potential process efficiencies

4.9.2) Developing life cycle process models

5.0. Technical Documentation (Specifications and Standards):

5.1 The contractor shall provide program support to the NSWCCD Systems Engineering Technical Authority by assisting with the development, modification, maintenance, and publication of technical authority standards including Defense Standardization Program (DSP) documents, Technical Manuals/Publications, Naval Ships' Technical Manuals (NSTMs), NAVSEA Standard and Type (S&T) Drawings, Design Data Sheets (DDSs) and NAVSEA directives.

5.2 The contractor shall develop, modify, maintain and publish technical authority standards in accordance with the requirements listed in applicable documents (add references) and in accordance with NAVSEA requirements for document processing and document format and content. The contractor shall complete document development/revision up to and including document publication in the appropriate publication repository.

5.3 The contractor shall develop and maintain project tracking databases, reports, presentations, and spreadsheets documenting all technical authority project statuses and generate associated technical authority metrics, cost saving data and process improvement details.

5.4 The contractor shall provide program support to NSWCCD by assisting with planning, coordinating and conducting meetings including program reviews, project status, contingency efforts, and working groups at government, contractor and virtual locations. Preparation includes preparing meeting agendas, announcements, minutes and action items. Planning includes reviewing, developing and modifying estimates for technical documentation projects and maintaining associated metrics to determine cost effectiveness and recommendations for process improvement.

## **6.0 DELIVERABLES:**

Copies of all deliverable shall be prepared and distributed to the COR as follows:

6.1 The contractor shall provide the following deliverables associated with this tasking effort:

6.1.1 Original source code (un-compiled) for information technology efforts for all work associated with but not limited to SOW section 4.1 & 4.2, monthly.

6.1.2 Programming, code, applets, scripts, queries, data files, hardware, FDD, and software/hardware contract, or licensing documentation for all work associated with but not limited to section 4.1 & 4.2, quarterly.

6.1.3 The Burn Rate Analysis Report is a summary report that captures the rate at which the money is expended. This report shall be attached in Wide Area Workflow Receipts and Acceptance (WAWF-RA), beginning 30 days after award and every 30 days thereafter.

6.1.4 The Incurred Costs Report is a report that captures a summary of all costs incurred to date. This report shall be attached in Wide Area Workflow Receipts and Acceptance (WAWF-RA), beginning 30 days after award and every 30 days thereafter.

6.1.5 Technical Reports due within 10 days of completions of the TI effort shall contain conclusions reflecting the work accomplished under each TI.

6.1.6 Other Reports, there may be a need for other specific reports, test plans, evaluation reports or documentation created as an integral part of a TI under this task order. Report format, contents and delivery requirements will be specified at the time of TI issuance.

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6.1.7 TI Status Reports for each TI issued Reports are to be provided the 5th working day of each month and shall cite the status and utilization since the last report, the status regarding hours and dollars remaining on the TI, percent of completion of the TI and any anticipated problems.

6.1.8 Travel Reports are to be provided the 5th working day after any travel and shall contain the destination, number of travelers, duration of stay, TI milestones completed, site points of contact and ship and hull number visited.

6.1.9 Final Report, due upon completion of task order.

## 7.0 PERSONNEL QUALIFICATIONS:

7.1 The contractor shall be responsible for employing technically qualified personnel to perform the tasks to be performed hereunder and where requested provide resumes and similar work experience to document employee competencies. The contractor shall maintain the personnel, organization and administrative control necessary to ensure that the work delivered meets the task order specification requirements. In the event an individual proposed for performance under the resultant task order is not currently employed by the offeror, the offeror shall include with the listing, a letter of intent signed by that individual which states the individual's intent to accept employment with that offeror within thirty (30) days of task order award if the task order is awarded to the offeror

## 7.2 KEY PERSONNEL LABOR CATEGORIES AND THE GOVERNMENT'S TARGET EDUCATION AND EXPERIENCE

The following represents the Government's target education and technical experience for the Key Personnel labor categories required to support the Statement of Work (SOW) tasking. The target specialized experience included as part of the desired qualification should have been obtained in the fields of endeavor indicated by the applicable labor categories listed below and may have been gained concurrently unless otherwise specified. However, it is noted that the security clearances specified for each Key Personnel labor category are requirements, not targets. Likewise, the education level specified for the Materials/Mechanical/Structural Engineer is a requirement and not a target.

Contractor shall include resumes for key personnel as defined below:

a) Program Manager (one resume required):

**Target Education:** Bachelor's degree in Business or Engineering from an Association to Advance Collegiate Schools of Business (AACSB) or Accreditation Board for Engineering and Technology (ABET) accredited college or university.

**Target Work Experience:** Ten (10) years of experience in program management that exhibit skills related to marine gas turbine life cycle programs. Personnel exhibiting experience directly related to all areas of the SOW and experience managing efforts similar in scope may be rated more highly than those without. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

b) Senior Programmer Analyst (one resume required):

**Target Education:** Bachelor's Degree in Computer Science or Information Systems (or closely related field) from an ABET accredited university.

**Target Experience:** Seven (7) years direct experience with MGTIS/WEBLOG applications, technical documentation, database administration with SQL and programming is necessary (in support of SOW MGTIS). Resume should clearly demonstrate experience with ".NET 3.5 or later", ".NET C#", Visual Studio 2008 or later, TSQL, SQL, Sql Server 2005 or later, Java Script, HTML 5, XML,

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AJAX, AboutSuite Tools set. Resume should clearly indicate that the personnel possesses Programmer Analyst experience and functions as the team's senior technical resource. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. (MGTIS/Weblog specific experience preferred, though similar programming experience is acceptable, Database certifications are preferred though similar database experience is acceptable.) **A current Secret Clearance or Secret Clearance eligibility is required.**

c) Computer Science Engineer (one resume required):

**Target Education:** Bachelors of Science Degree in Applied Mathematics or Computer Science (or closely related field) from an ABET or US Department of Education accredited university.

**Target Experience:** Five (5) years direct experience with MGTIS/Weblog applications, programming and SQL data management is necessary (in support of SOW element MGTIS). Resume should clearly demonstrate experience with ".NET 3.5 or later", ".NET C#", Visual Studio 2008 or later, TSQL, SQL, Sql Server 2005 or later, Java Script, HTML 5, XML, AJAX, AboutSuite Tools set. Resume should clearly demonstrate Programmer/Analyst experience. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. (MGTIS/Weblog specific experience preferred, though similar programming experience is acceptable). **A current Secret Clearance or Secret Clearance eligibility is required.**

d) Mid-Level Server Administrator (one resume required):

**Target Education:** Bachelors of Science Degree in Computer Science (or closely related field) from an ABET or US Department of Education accredited university.

**Target Experience:** Three (3) years of experience with server administration with Windows Server Operating System, SQL server and vulnerability management using tools including Retina, HBSS, SCAP, and STIG tools are required; server certifications as needed to meet NMCI or NGEN or other hosting environment including SPAWAR and DISA and experience with DON Certification and Accreditation process is preferred. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. (CyberSecurity Workforce (CSWF) experience is preferred though similar experience is acceptable). **A current Secret Clearance or Secret Clearance eligibility is required.**

e) Mid-Level Web Developer (one resume required).

**Target Education:** Associates Degree or greater in Computer Science (or closely related field) from a US Department of Education accredited program, institute or university.

**Target Experience:** A minimum of three years direct experience with NIPPGP applications, programming and SQL data management is necessary (in support of SOW element NIPPGP). Incumbent must have hands on experience with ".NET 3.5 or later", ".NET C#", Visual Studio 2008 or later, TSQL, SQL, Sql Server 2005 or later, Java Script, HTML 5, XML, AJAX. Incumbent is expected to possess Programmer/Analyst experience. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. (NIPPGP specific experience preferred, though similar programming experience is acceptable). **A current Secret Clearance or Secret Clearance eligibility is required.**

f) Materials/Mechanical/Structural Engineer (one resume required):

**Minimum Education:** Bachelors of Science Degree in Engineering from an ABET accredited university. Demonstrated experience and familiarity in all three disciplines is preferred.

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**Target Experience:** Ten (10) years of practical work experience in Machinery Design with three (3) years of that experience specialized in Gas Turbine Engine Design (in support of SOW element j, and to a lesser degree, element d). To clarify, GT Design experience implies understanding of rotating machinery dynamics design, and a complete understanding of Gas Turbine thermodynamics. GT Design experience also reflects familiarity with gas turbine materials, coatings, air foil design and an understanding of the basics of gas turbine combustion air operation and cooling. Experience with Marine Gas Turbine component usage, life expectancy and a general understanding of US Navy MGT operating profiles is also desired. Value is recognized for gas turbine equipment specific testing experience, and demonstrated knowledge of conducting thorough testing and engineering evaluation of Gas Turbine Engines; i.e.: experience in identifying critical testing requirements, preparing test procedures and assembling complete final test reports. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

g) Senior Technician (one resume required):

**Target Education:** High School Diploma, trade/industrial school diploma, GED equivalent or completion of technical or military school course of study in mechanical/electrical/electronic/control systems theory, or completed training on the maintenance and operation of military based technical equipment, specific to Gas Turbine Engines.

**Target Experience:** Direct shipboard experience with US Navy marine gas turbine equipment and at least ten (10) years of experience directly related to SOW (primarily with elements a, b, c, f and g). Three years' experience in developing technical documentation for marine gas turbine equipment is desired. Demonstrated familiarization with duties and responsibilities associated with U.S. Navy MGT Inspector (MGTI) program is required; previous work experience as a qualified MGTI is preferred. Demonstrated ship board experience with engine inspection/certification, and incorporating engineering changes and Technical Directives in a team leader role is preferred. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

### 7.3 NON-KEY PERSONNEL LABOR CATEGORIES AND THE GOVERNMENT'S MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS

The following represents the Government's minimum education and technical experience for non-key personnel required to support the Statement of Work. The offeror shall certify that all employees proposed for non-key personnel labor categories meet or exceed minimum education and technical requirements specified for each non-key category. Resumes are not required for the non-key categories listed below.

a) Senior Specifications and Standards Analyst

**Minimum Education:** Bachelor's Degree from an ABET accredited university.

**Minimum Experience:** Five years of experience processing specifications and other technical standards through the NAVSEA Standards Improvement Board (SIB) Process; experience/knowledge of initiating and completing projects in the DOD ASSIST Database; and the completion of Defense Acquisition University (DAU) Course SYS120 – Defense Standardization Workshop. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

b) Mid-Level Specifications and Standards Analyst

**Minimum Education:** Bachelor's Degree from an ABET accredited university.

**Minimum Experience:** Three years of experience processing specifications and other technical standards through the NAVSEA Standards Improvement Board (SIB) Process; experience/knowledge of initiating and completing projects in the DOD ASSIST Database; and the completion of Defense Acquisition University (DAU) Course SYS120 – Defense Standardization Workshop. **A current**



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**Confidential Clearance or Confidential Clearance eligibility is required.**

c) Server Administrator

**Minimum Education:** Associates Degree or greater in Computer Science (or closely related field) from a US Department of Education accredited program, institute or university.

**Minimum Experience:** Server certifications as needed to meet NMCI or NGEN or other hosting environment including SPAWAR and DISA and experience with DON Certification and Accreditation process is preferred. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. **A current Secret Clearance or Secret Clearance eligibility is required.**

d) Web Developer

**Minimum Education:** Associates Degree or greater in Computer Science (or closely related field) from a US Department of Education accredited program, institute or university.

**Minimum Experience:** Three years of experience programming experience with ".NET 3.5 or later", ".NET C#", Visual Studio 2008 or later, TSQL, SQL, Sql Server 2005 or later, Java Script, HTML 5, XML, AJAX. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. **A current Secret Clearance or Secret Clearance eligibility is required.**

e) Computer Programmer

**Minimum Education:** Bachelors of Science Degree in Computer Science (or closely related field) from an ABET or US Department of Education accredited university

**Minimum Experience:** Three years of experience with development of software documentation, analysis and programming experience with ".NET 3.5 or later", ".NET C#", Visual Studio 2008 or later, TSQL, SQL, Sql Server 2005 or later, Java Script, HTML 5, XML, AJAX and development of program documentation. Contractor must meet certification requirements within six (6) months of assignment to position as defined in CyberSecurity WorkForce Matrix. **A current Secret Clearance or Secret Clearance eligibility is required.**

f) Training Developer

**Minimum Education:** Bachelor's Degree from an ABET accredited university.

**Minimum Experience:** Three years of experience with development of web based training and help system utilizing MadCap Software and Adobe eLearning Suite. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

g) Statistician:

**Minimum Education:** Bachelors of Science Degree in Statistics ABET accredited university.

**Minimum Experience:** Ten years of experience with statistical methods analyzing engineering data, producing statistical models, and developing formal processes for the consistent analysis of Mean Time Between Failure and Mean Time Between Removal. Experience associated with predictive modeling tools for gas turbine engine removals is preferred. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

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#### h) Mechanical Engineering Technician

**Minimum Education:** High School Diploma, trade/industrial school diploma, GED equivalent, or completion of technical or military school course of study in mechanical/electrical/electronic/control systems theory, or completed training on the maintenance and operation of military based technical equipment, specific to Gas Turbine Engines.

**Minimum Experience:** Target Experience: Four years of experience with US Navy Shipboard systems with Intermediate Maintenance Facility type work (special corrective maintenance procedures to restore failed equipment to operational condition within predetermined parameters) on LM2500, 501K, and ETF40/TF40B engine lines (general maintenance, troubleshooting, and repair work), or their commercial equivalents. Must have two years of experience in developing technical documentation. Demonstrated ship board experience with engine inspection/certification, and incorporating engineering changes and Technical Directives in a team member role is preferred. **A current Confidential Clearance or Confidential Clearance eligibility is required.**

#### 8.0 Performance Requirements:

Award-Fee Adjectival Rating	Award-Fee Pool Available To Be Earned	Description
Excellent	91%-100%	Contractor has exceeded almost all of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Very Good	76%-90%	Contractor has exceeded many of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Good	51%-75%	Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Satisfactory	No Greater Than 50%	Contractor has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Unsatisfactory	0%	Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.

The overall weight of each area is identified by (XX%)

#### 8.1 Information Technology Application Changes - Technical Requirements (25%)

Satisfactory performance of application changes documented through the change control process constitutes completion of technical evaluation, documentation affected, and time for completion both estimated and actual.

Good / Very good performance of application changes documented through the change control process constitutes meeting satisfactory performance and ensuring required changes are analyzed across all application platforms and implemented where applicable and demonstrating at least a 10 % savings in implementation across platforms by utilizing common frameworks and techniques.

Excellent performance of application changes documented through the change control

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process constitutes meeting good / very good performance and demonstrating at least a 25% savings in implementation across platforms by utilizing common frameworks and techniques.

#### 8.2 Certification and Accreditation C&A - Technical Requirements (20%)

Satisfactory performance of C&A requirements constitutes updating all documentation including POAM, RAR, Test Plan, and eMASS (or replacements) on a quarterly basis and identifying required changes and incorporating into the change control process.

Good / Very good performance of C&A requirements constitutes meeting satisfactory performance and ensuring all CAT I finding are remediated or mitigated within 30 days of identification and CAT II findings are remediated or mitigated within 180 days of identification.

Excellent performance of C&A requirements constitutes ensuring all CAT I finding are remediated or mitigated within 10 days of identification and CAT II findings are remediated or mitigated within 90 days of identification.

#### 8.3 System Maintenance and Availability - Technical Requirements (15%)

Downtime for the purpose of this technical requirement is defined as downtime resulting from contractor directed actions and issues requiring corrections to the software to resolve. Downtime attributed to government directed actions and acts of god (hardware failure, power failure, etc) are specifically excluded from the availability calculation.

Satisfactory performance of system maintenance and availability constitutes a minimum 3 day notification of contractor directed maintenance action resulting in user impact and a minimum availability of 91% including maintenance downtime including other database connections as applicable.

Good / Very Good performance of system maintenance and availability constitutes a minimum 5 day notification of contractor directed maintenance action resulting in user impact and a minimum availability of 95% including maintenance downtime including other database connections as applicable.

Excellent performance of system maintenance and availability constitutes a minimum 5 day notification of contractor directed maintenance action resulting in user impact and a minimum availability of 99% including maintenance downtime including other database connections as applicable.

#### 8.4 Other Areas – Technical Requirements (25%)

Satisfactory performance of other areas constitutes the performance of other tasking within 7 days of scheduled performance and technically accurate within 87%.

Good / Very Good performance of other areas constitutes the performance of other tasking within 5 days of scheduled performance and technically accurate within 93%.

Excellent performance of other areas constitutes the performance of other tasking meeting requirements of good / very good performance and identifying areas alignment across all tasking with identified savings of 15% through alignment of work and tasking.

#### 8.5 Program Management – Technical Requirements (15%)

Satisfactory performance of program management constitutes the delivery of all deliverables of identified in section 6.0 on time with minimal rework required.

Good / Very Good performance of program management constitutes the delivery of all

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deliverables of identified in section 6.0 on time with minimal rework required and identification of program savings through efficient work practices of 7%.

Excellent performance of program management constitutes the delivery of all deliverables of identified in section 6.0 on time with minimal rework required and identification of program savings through efficient work practices of 15%.

#### 9.0 PLACE OF PERFORMANCE:

To ensure support is available as required: [REDACTED] and not require more than local travel orders for the Program representatives to visit the contractor's facility. The contractor's facility must have adequate capabilities (floor space, high speed data connectivity, computers, telephones, conference room(s) and printers) to fully support the SOW. At least 80% of the work under this task is to be performed at the contractor's local regional office location. Contractor must be able to be physically present at server location/government owned facilities/PNBC within one hour upon request for assistance.

#### 10.0 ENTERPRISE-WIDE CONTRACTOR MANPOWER REPORTING APPLICATION(ECMRA)

The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the NSWCCD via 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) S, Utilities ONLY;
- (5) V, Freight and Shipping ONLY.

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

#### NOTE:

The reference in the SOW for the Senior Technician is sections 4.3 and 4.4.

The references in the SOW for the Senior Technician are sections 4.3 and 4.4.

The references in the SOW for materials engineer are sections 4.8 and 4.9

The references in the SOW for the Senior Technician are sections 4.3 and 4.4.

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The references in the SOW for materials engineer are sections 4.8 and 4.9

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## SECTION D PACKAGING AND MARKING

Ship all Reports/Data to the following address:

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

### 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) task order number
- (4) sponsor: (To be specified on each individual Technical Instruction)

(Name of Individual Sponsor)

(To be specified on each individual Technical Instruction)

(Name of Requiring Activity)

(To be specified on each individual Technical Instruction)

(City and State)

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## **SECTION E INSPECTION AND ACCEPTANCE**

Inspection and Acceptance will be performed by the Contracting Officer's Representative (COR) identified in Section G, unless otherwise specified in the Technical Instructions (TIs) issued under this Task Order.

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## SECTION F DELIVERABLES OR PERFORMANCE

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

7000	8/26/2015 - 8/25/2016
7001	8/26/2015 - 8/25/2016
7002	8/26/2015 - 8/25/2016
7003	8/26/2015 - 8/25/2016
7004	8/26/2015 - 8/25/2016
7005	8/26/2015 - 8/25/2016
7006	8/26/2015 - 8/25/2016
7007	8/26/2015 - 8/25/2016
7008	8/26/2015 - 8/25/2016
7009	2/25/2016 - 2/1/2017
7010	3/8/2016 - 2/1/2017
7011	3/16/2016 - 3/16/2017
7012	3/16/2016 - 3/16/2017
7013	5/5/2016 - 2/1/2017
7014	5/5/2016 - 5/5/2017
7015	5/5/2016 - 5/5/2017
7016	7/28/2016 - 7/28/2017
7017	8/16/2016 - 8/16/2017
7200	8/26/2016 - 8/25/2017
7201	8/16/2016 - 8/16/2017
7202	9/14/2016 - 9/14/2017
7203	9/21/2016 - 9/21/2017
7204	9/21/2016 - 9/21/2016
7205	9/21/2016 - 9/21/2017
7206	5/15/2017 - 5/14/2018
7207	9/1/2017 - 8/8/2018
7400	9/25/2017 - 9/24/2018
7401	9/25/2017 - 9/24/2018
9000	8/26/2015 - 8/25/2016
9001	8/26/2015 - 8/25/2016
9002	3/16/2016 - 3/15/2017
9003	7/28/2016 - 7/28/2017
9004	9/21/2016 - 9/21/2017

### CLIN - DELIVERIES OR PERFORMANCE

For proposal purposes, the dates below are strictly estimates. Final period of performances for the base and option will be established in the Award of this Task Order.

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



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7000	8/26/2015 - 8/25/2016
7001	8/26/2015 - 8/25/2016
7002	8/26/2015 - 8/25/2016
7003	8/26/2015 - 8/25/2016
7004	8/26/2015 - 8/25/2016
7005	8/26/2015 - 8/25/2016
7006	8/26/2015 - 8/25/2016
9000	8/26/2015 - 8/25/2016
9001	8/26/2015 - 8/25/2016

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

7200	8/26/2016 - 8/25/2017
7400	8/26/2017 - 8/25/2018
9200	8/26/2016 - 8/25/2017
9400	8/26/2017 - 8/25/2018

The periods of performance for the Award Term Items are as follows:

7600	8/26/2018 - 8/25/2019
7800	8/26/2019 - 4/03/2020
9600	8/26/2018 - 8/25/2019
9800	8/26/2019 - 4/03/2020

Ship to Address:

  
  
  
 3

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## SECTION G CONTRACT ADMINISTRATION DATA



### 252.204-0005 Line Item Specific: by CancellationDate. (SEP 2009)

**The payment office shall make payment using the ACRN with the earliest cancellation date first, exhausting all funds in that ACRN before disbursing funds from the next. In the event there is more than one ACRN associated with the same cancellation date, the payment amount shall be disbursed from each ACRN with the same cancellation date in the same proportion as the amount of funding obligated for each ACRN with the same cancellation date.**

### 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.

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

(1) Have a designated electronic business point of contact in the Central Contractor Registration 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).

INVOICING AND RECEIVING REPORT COMBO

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(Contracting Officer: Insert applicable document type(s).  
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.

DESTINATION

(Contracting Officer: Insert inspection and acceptance locations or “Not applicable.”)

(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\*

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>
Pay Official DoDAAC	HQ0338
Issue By DoDAAC	N65540
Admin DoDAAC	S2404A
Inspect By DoDAAC	N65540
Ship To Code	N65540
Ship From Code	N/A
Mark For Code	N65540
Service Approver (DoDAAC)	N65540
Service Acceptor (DoDAAC)	N65540
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(\*Contracting Officer: Insert applicable DoDAAC information or “See schedule” if multiple ship to/acceptance locations apply, or “Not applicable.”)

(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 “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.

[Jennifer.Connor@navy.mil](mailto:Jennifer.Connor@navy.mil)

(Contracting Officer: Insert applicable email addresses or “Not applicable.”)

(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.

N65540 - Jameal Hollis; email: Jameal.Hollis@Navy.mil; 215.897-7718



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## SECTION H SPECIAL CONTRACT REQUIREMENTS

### 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 sub-line 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:

#### ESTIMATED

ITEM(S)	ALLOTED TO COST	ALLOTED TO FEE	PERIOD OF PERFORMANCE
	\$	\$	

(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 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.

(End of Text)

### SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(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 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 (j) 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 \_\_\_\_\_ hours per week. It is understood and agreed that the rate of man hours per

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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) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

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

or (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 fee of this contract.

(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 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.

(i) 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 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 and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate

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fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% 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.

(k) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

(End of Text)

## **CAR H11 – CONTRACTOR PERSONNEL SECURITY REQUIREMENTS (MAR 2014)**

a. In accordance with SECNAV M-5510.30 Chapters 5 and 6, all Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site are designated Non-Critical Sensitive/IT-II positions, which require an open investigation or favorable adjudicated National Agency Check (NACLC) by the Industrial Security Clearance Office (DISCO). Investigations should be completed using the SF- 86 Form and the SF-87 finger print card. An interim clearance can be granted by the company Security Officer and recorded in the Joint Personnel Adjudication System (JPAS). An open or closed investigation with a favorable adjudication is required prior to issuance of a badge providing access to NSWCCD sites and buildings. If an unfavorable adjudication is determined by DISCO all access will be terminated. For Common Access Card (CAC) card you must have a favorably adjudicated investigation, or a final security clearance. A CAC Card will not be issued to contractors who have an interim security clearance.

b. Within 30 days after contract award, the Contractor shall submit a list of all Contractor personnel, including subcontractor employees, who will have access to DON information systems and/or work on-site at one of the NSWCCD sites. The Contractor shall e-mail [acquisition.nswccd.fct@navy.mil](mailto:acquisition.nswccd.fct@navy.mil) to obtain the excel file that outlines the required format and content of the list. The Contractor will provide each employee's first name, last name, contract number, the NSWCCD technical code, work location, whether or not the employee has a CAC card and/or swipe card, the systems the employee can access (i.e., NMCI, RDT&E), and the name of the Contractor's local point of contact, phone number and email address. The excel file shall be submitted via email to [acquisition.nswccd.fct@navy.mil](mailto:acquisition.nswccd.fct@navy.mil) and the Contracting Officer's

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Representative (COR) or Task Order Manager (TOM). Throughout the period of performance of the contract, the Contractor shall immediately provide an updated spreadsheet to [acquisition.nswccd.fct@navy.mil](mailto:acquisition.nswccd.fct@navy.mil) and the COR/TOM when any Contractor personnel changes occur.

See Attachment CAR-H10 PERFORMANCE REQUIREMENTS SUMMARY TABLE

**5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)**

(a) Performance of the work hereunder may be subject to written technical instructions signed by 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.

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**(End of Text)**

Clause HQ C-2-0037 "Organizational Conflict of Interest" (NAVSEA) (JUL 2000) is hereby invoked in accordance with the Basic Contract.

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## SECTION I CONTRACT CLAUSES

### 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 prior provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 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 60 months

(End of Clause)

### 52.216-10 Incentive Fee.

#### INCENTIVE FEE (JUN 2011)

- (a) *General.* The Government shall pay the Contractor for performing this contract a fee determined as provided in this contract.
- (b) *Target cost and target fee.* The target cost and target fee specified in the Schedule are subject to adjustment if the contract is modified in accordance with paragraph (d) of this clause.
- (1) "Target cost," as used in this contract, means the estimated cost of this contract as initially negotiated, adjusted in accordance with paragraph (d) of this clause.
- (2) "Target fee," as used in this contract, means the fee initially negotiated on the assumption that this contract would be performed for a cost equal to the estimated cost initially negotiated, adjusted in accordance with paragraph (d) of this clause.
- (c) *Withholding of payment.*
- (1) Normally, the Government shall pay the fee to the Contractor as specified in the Schedule. However, when the Contracting Officer considers that performance or cost indicates that the Contractor will not achieve target, the Government shall pay on the basis of an appropriate lesser fee. When the Contractor demonstrates that performance or cost clearly indicates that the Contractor will earn a fee significantly above the target fee, the Government may, at the sole discretion of the Contracting Officer, pay on the basis of an appropriate higher fee.
- (2) Payment of the incentive fee shall be made as specified in the Schedule; provided that the Contracting Officer withholds a reserve not to exceed 15 percent of the total incentive fee or \$100,000, whichever is less, to protect the Government's interest. The Contracting Officer shall release 75 percent of all fee withholds under this contract after receipt of an adequate certified final indirect cost rate proposal covering the year of physical completion of this contract, provided the Contractor has satisfied all other contract terms and conditions, including the submission of the final patent and royalty reports, and is not delinquent in submitting final vouchers on prior years' settlements. The Contracting Officer may release up to 90 percent of the fee withholds under this contract based on the Contractor's past performance related to the submission and settlement of final indirect cost rate proposals.
- (d) *Equitable adjustments.* When the work under this contract is increased or decreased by a modification to this contract or when any equitable adjustment in the target cost is authorized under any other clause, equitable adjustments in the target cost, target fee, minimum fee, and maximum fee, as appropriate, shall be stated in a supplemental agreement to this contract.

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(e) Fee payable.

(1) The fee payable under this contract shall be the target fee increased by 50 cents for every dollar that the total allowable cost is less than the target cost or decreased by 50 cents for every dollar that the total allowable cost exceeds the target cost. In no event shall the fee be greater than 8 percent or less than 2 percent of the target cost.

(2) The fee shall be subject to adjustment, to the extent provided in paragraph (d) of this clause, and within the minimum and maximum fee limitations in paragraph (e)(1) of this clause, when the total allowable cost is increased or decreased as a consequence of—

(i) Payments made under assignments; or

(ii) Claims excepted from the release as required by paragraph (h)(2) of the Allowable Cost and Payment clause.

(3) If this contract is terminated in its entirety, the portion of the target fee payable shall not be subject to an increase or decrease as provided in this paragraph. The termination shall be accomplished in accordance with other applicable clauses of this contract.

(4) For the purpose of fee adjustment, “total allowable cost” shall not include allowable costs arising out of—

(i) Any of the causes covered by the Excusable Delays clause to the extent that they are beyond the control and without the fault or negligence of the Contractor or any subcontractor;

(ii) The taking effect, after negotiating the target cost, of a statute, court decision, written ruling, or regulation that results in the Contractor’s being required to pay or bear the burden of any tax or duty or rate increase in a tax or duty;

(iii) Any direct cost attributed to the Contractor’s involvement in litigation as required by the Contracting Officer pursuant to a clause of this contract, including furnishing evidence and information requested pursuant to the Notice and Assistance Regarding Patent and Copyright Infringement clause;

(iv) The purchase and maintenance of additional insurance not in the target cost and required by the Contracting Officer, or claims for reimbursement for liabilities to third persons pursuant to the Insurance Liability to Third Persons clause;

(v) Any claim, loss, or damage resulting from a risk for which the Contractor has been relieved of liability by the Government Property clause; or

(vi) Any claim, loss, or damage resulting from a risk defined in the contract as unusually hazardous or as a nuclear risk and against which the Government has expressly agreed to indemnify the Contractor.

(5) All other allowable costs are included in “total allowable cost” for fee adjustment in accordance with this paragraph (e), unless otherwise specifically provided in this contract.

(f) *Contract modification.* The total allowable cost and the adjusted fee determined as provided in this clause shall be evidenced by a modification to this contract signed by the Contractor and Contracting Officer.

(g) *Inconsistencies.* In the event of any language inconsistencies between this clause and provisioning documents or Government options under this contract, compensation for spare parts or other supplies and services ordered under such documents shall be determined in accordance with this clause.

(End of clause)

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## **SECTION J LIST OF ATTACHMENTS**

Burn Rate Analysis

Cost Summary Format

Incurred Cost Report

Labor Rate Substantiation Table

Seaport Ratings Definitions

DD254

CDRL 1

CDRL 2

CDRL 3

CDRL 4

Award Term Plan