

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE U	PAGE OF PAGES 1 36
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 07-Oct-2010	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY COMMANDER, SPACE AND NAVAL WARFARE SYSTEMS COMMAND 02 CONTRACTS 4301 PACIFIC HIGHWAY SAN DIEGO CA 92110-3127	CODE N00039	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. N00039-10-R-0032	
		X	9B. DATED (SEE ITEM 11) 12-Aug-2010	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
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 <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification to the RFP is to incorporate changes as a result of Contractor Q&As and updated requirements. See SF30 continuation pages.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL:	EMAIL:	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 07-Oct-2010

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The required response date/time has changed from 12-Oct-2010 10:00 AM to 22-Oct-2010 10:00 AM.

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 1002

The unit of issue has changed from Lot to Each.

CLIN 1005

The CLIN description has changed from Engineering Support Services for FY14-15 to Engineering Support Services for FY15-16.

DATA RIGHTS

If technical data rights are priced, the Government will modify the resulting contract to include those prices as firm fixed price option CLIN(s) to Section B.

The Government seeks to acquire, at a minimum, Government Purpose Rights (GPR) as defined in DFARS 252.227-7013 and 252.227-7014 for commercial and noncommercial technical data, computer software, and computer software documentation as defined in DFARS 252.227-7013, 252.227-7014 and 252.227-7015. The following tables classify the Government's technical data rights by CDRL item. The classification applies only to the extent the CDRL item or parts thereof meet the definitions of technical data, computer software, and computer software documentation as referenced above. The column marked "Rights Classification" provides the type of rights proffered to the Government under the contract, while the "Price" column provides the corresponding FFP for the rights. If any of the technical data listed below is updated during the performance of the contract, the Contractor shall deliver the rights to the updated technical data at no additional cost to the Government. A \$0 (zero) indicates that the rights associated with that CDRL are available to the Government at no cost. An "N/A" indicates that the rights associated with that CDRL are available to the Government, as the Government has funded or partially funded the development of the CDRL deliverable under this contract.

The proposed prices set forth in the tables below apply throughout the lifecycle of the GPNTS System.

DATA RIGHTS TABLE (CLIN 0001)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
A001	DI-MISC-80508B	Open Systems Management Plan		
A002	DI-MISC-80508B	NESI Assessment and Migration Plan		
A003	DI-SDMP-81465A	GPNTS System Performance Specification		
A004	DI-IPSC-81431A	GPNTS System/Subsystem and HWCI Specification		
A005	DI-MISC-81283	System Requirements Verification Matrix		
A006	DI-MISC-80508B	Transition Plan		
A007	DI-SESS-81011D	GPNTS Drawing Number Assignment Report		
A008	DI-SESS-81000D	GPNTS Master Ordering List		
A009	DI-SESS-81000D	GPNTS Production Drawings		
A010	DI-SESS-81000D	GPNTS Family Tree		
A011	DI-SESS-81000D	GPNTS System Interconnect Drawings		

DATA RIGHTS TABLE (CLIN 0001)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
A012	DI-TMSS-80527B	GPNTS COT Documentation (including COTS Drawings and manuals)		
A013	DI-SESS-81010D	GPNTS Source Control Drawings Approval Request		
A014	DI-SESS-81012D	GPNTS Proposed Critical Manufacturing Process Descriptions		
A015	DI-IPSC-81488	GPNTS Source Code		
A016	DI-CMAN-81248A	Interface Control Documents (ICDs)		
A017	DI-MISC-81174	Frequency Allocation Data		
A018	DI-IPSC-81427A	Software Development Plan (including CM Plan)		
A019	DI-ADMN-81249A	Conference Agenda		
A020	DI-ADMN-81373	Presentation Material		
A021	DI-ADMN-81505	Report, Record of Meeting / Minutes		
A022	DI-IPSC-81433A, DI-IPSC-81434A	Software Requirements Specification ((SRS) including SIRS))		
A023	DI-IPSC-81435A	Software Design Description (SDD)		
A024	DI-IPSC-81448A	Firmware Support Manual		
A025	DI-IPSC-81442A	Software Version Description (SVD)		
A026	DI-SESS-81785	System Engineering Management Plan (SEMP)		
A027	DI-ADMN-81249A, DI-ADMN-81250A	IBR Conference Agenda/Minutes		
A028	DI-CMAN-81022C	Configuration Audit Summary Report (Functional)		
A029	DI-MGMT-80227	Contractor's Progress, Status, and Management Report		
A030	DI-MGMT-81334C	Contract Work Breakdown Structure (CWBS)		
A031	DI-MGMT-80004A	Integrated Master Plan		
A032	DI-MGMT-81650	Integrated Master Schedule (IMS)		
A033	DI-MGMT-81466A	Contract Performance Report (CPR)		
A034	DI-MGMT-81468	Contract Funds Status Report (CFSR)		
A035	DI-CMAN-80858B	Contractor's Configuration Management Plan		
A036	DI-CMAN-81253A	Configuration Status Accounting Information		
A037	DI-CMAN-81254A	Request for Nomenclature		
A038	DI-MISC-80508B	Request for Approval of Identification Plate Drawings		
A039	DI-MGMT-81808	Risk Management Plan		
A040	DI-MISC-80508B	GPNTS CPI Report		
A041	DI-NDTI-81284	Test & Evaluation Program Plan (Including Integrated Master Test Schedule)		
A042	DI-NDTI-80566A	System Integration Test Plan		
A043	DI-NDTI-80603A	System Integration Test Procedures		
A044	DI-NDTI-80809B	System Integration Test Report		
A045	DI-NDTI-80566A	Qualified Detailed Test Plan		
A046	DI-NDTI-80603A	Qualified Detailed Test Procedures		

DATA RIGHTS TABLE (CLIN 0001)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
A047	DI-NDTI-80809B	Qualified Detailed Test Report		
A048	DI-NDTI-80603A	Factory Acceptance Test Procedure		
A049	DI-NDTI-80809B	Factory Acceptance Test Report		
A050	DI-IPSC-81488	Factory Acceptance Test Software		
A051	DI-ENVR-80709	High-Impact Shock Test Procedures		
A052	DI-ENVR-80708	Shock Test Report		
A053	DI-ENVR-81647	Mechanical Vibration Test Plan and Report		
A054	MIL-STD-810	Environmental Test Plan and Report		
A055	DI-EMCS-80199C	EMI Control Procedures		
A056	DI-EMCS-80200C	EMI Test Report		
A057	DI-EMCS-80201C	EMI Test Procedures		
A058	DI-EMCS-81540A	E3 Integration and Analysis Report		
A059	DI-EMCS-81541A	E3 Verification Procedures		
A060	DI-EMCS-81542A	E3 Verification Report		
A061	DI-MSSM-81751	DoD M&S Verification and Validation (V&V) Plan		
A062	DI-MSSM-81752	DoD M&S V&V Report		
Reserved	Reserved	Reserved		
A064	DI-IPSC-81438A	Software Test Plan (STP)		
A065	DI-IPSC-81439A	Software Test Procedures		
A066	DI-IPSC-81440A	Software Test Report		
A067	DI-RELI-81497	RAM Analysis		
A068	DI-SESS-81315A	Failure Reporting Analysis and Corrective Action Report		
A069	DI-SESS-80374A	Failure Analysis Summary Report		
A070	DI-NMTY-80980	Failure Modes and Effects Analysis (FMEA)		
A071	DI-ADMN-80925	Inputs to Government PESHE		
A072	DI-SAFT-80101B	Preliminary Hazard Analysis (PHA)		
A073	DI-SAFT-80102B	Safety Assessment Report (SAR)		
A074	DI-SAFT-81626	System Safety Program Plan (SSPP)		
A075	DI-MISC-80508B	Operating and Support Hazard Analysis (O&SHA) Report		
A076	DI-MISC-80508B	Hazardous Material Usage List (HMUL) with Material Safety Data Sheets		
A077	DI-MGMT-81398A	Hazardous Materials Management Program (HMMP) Plan		
A078	DI-MISC-81397A	Hazardous Materials Management Program (HMMP) Report		
A079	DI-SAFT-80106B	Health Hazard Assessment Report (HHAR)		
A080	DI-ALSS-81530	Logistics Management Information (LMI) Summaries (Core Logistics Analysis)		
A081	DI-ILSS-81225	Maintenance Support Plan (MSP)		
A082	DI-MNTY-80991, DI-MNTY-80992	Preventative Maintenance System (PMS) Documentation Maintenance Index Page (MIP) and Maintenance Requirements Card (MRC)		

DATA RIGHTS TABLE (CLIN 0001)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
A083	DI-MISC-80508B	IUID Report		
A084	DI-ILSS-80739	Depot Maintenance Support Study		
A085	DI-FNCL-80449	Life Cycle Cost Analysis		
A086	DI-ADMN-80925	Inputs to GPNTS JTA		
A087	DI-MISC-80508B	Personnel Qualifications Standards Document		
A088	DI-MISC-80508B	IETM Book Plan, Validation/Verification Plan		
A089	MIL-DTL-87268C	Interactive Electronic Technical Manuals (Technical Manuals for System-Level Hardware/Software, COTS/GOTS, and Newly Developed Equipment)		
A090	DI-SESS-81697	IETM - Associated Data and Documentation		
A091	DI-MISC-80508B	IETM Book Plan Outline, Validation/Verification Report		
A092	DI-ALSS-81529	Provisioning Technical Documentation (PTD)		
A093	DI-SESS-81656	DMSMS Plan		
A094	DI-HFAC-81743	Contractor HSI Program Plan (HSIPP)		
A095	DI-HFAC-81742	Human Engineering Program Plan		
A096	DI-HFAC-80747B	Human Engineering Design Approach Document-Maintainer (HEDAD-M)		
A097	DI-HFAC-80744B	Human Engineering Test Report (HETR)		
A098	DI-SESS-81523B	Training ILE Documentation		
A099	DI-SESS-81525B	Training Test Package		
A100	DI-SESS-81522B	Training Course Conduct Information Package		
A101	DI-MISC-80508B	Security Plan		
A102	DI-ADMN-80925	Comments to GPNTS System Identification Plan		
A103	DI-MISC-81064	DIACAP Implementation Plan		
A104	DI-MISC-80508B	IA Controls Scorecard		
A105	DI-MISC-80508B	IA Controls POA&M		
A106	DI-SAFT-80101B	System Hazard Analysis (SHA)		

DATA RIGHTS TABLE (CLIN 1000, 1001 and 1002)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
B001	DI-CMAN-80508B	Contractor's Configuration Management Plan		
B002	DI-MGMT-80227	Contractor's Progress, Status, and Management Report		
B003	DI-ADMN-81249A	Conference Agenda		
B004	DI-ADMN-81373	Presentation Material		
B005	DI-ADMN-81505	Report, Record of Meeting / Minutes		
B006	DI-MISC-80508B	Recommended Spares List		
B007	DI-MISC-80508B	Upgrade Kits List		
B008	DI-SESS-81011D	GPNTS Drawing Number Assignment Report		

DATA RIGHTS TABLE (CLIN 1000, 1001 and 1002)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
B009	DI-SESS-81000D	GPNTS Master Ordering List		
B010	DI-SESS-81000D	GPNTS Production Drawings		
B011	DI-SESS-81000D	GPNTS Family Tree		
B012	DI-SESS-81000D	GPNTS System Interconnect Drawings		
B013	DI-TMSS-80527B	GPNTS COT Documentation (including COTS Drawings and manuals)		
B014	DI-SESS-81010D	GPNTS Source Control Drawings Approval Request		
B015	DI-SESS-81012D	GPNTS Proposed Critical Manufacturing Process Descriptions		
B016	DI-IPSC-81488	GPNTS Source Code		
B017	DI-NDTI-80566A	Production Test Plan		
B018	DI-NDTI-80603A	Production Qualification Test Procedure		
B019	DI-NDTI-80809B	Production Qualification Test Report		
B020	DI-NDTI-80603A	Hardware QA Inspection Procedure		
B021	DI-NDTI-80809B	Hardware QA Inspection Test Report		
B022	DI-NDTI-80603A	Factory Acceptance Test Procedure		
B023	DI-IPSC-81488	Factory Acceptance Test Software		
B024	DI-NDTI-80809B	Factory Acceptance Test Report		
B025	DI-MISC-80508B	Hazardous Material Usage List (HMUL) with Material Safety Data Sheets		
B026	DI-MISC-81397A	Hazardous Materials Management Program (HMMP) Report		
B027	DI-MISC-80508B	IUID Report		
B028	DI-MISC-81174	Frequency Allocation Data		
B029	DI-CMAN-81022C	Configuration Audit Summary Report (Physical)		
B030	DI-MNTY-81604	Maintenance Demonstration Plan		
B031	DI-MNTY-81603	Maintenance Demonstration Report (including fault documentation)		

DATA RIGHTS TABLE (CLIN 2000, 2001 and 2002; 3000, 3001 and 3002; 4000, 4001 and 4002; 5000, 5001 and 5002; 6000, 6001 and 6002)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
C001	DI-CMAN-80508B	Contractor's Configuration Management Plan		
C002	DI-MGMT-80227	Contractor's Progress, Status, and Management Report		
C003	DI-ADMN-81249A	Conference Agenda		
C004	DI-ADMN-81373	Presentation Material		
C005	DI-ADMN-81505	Report, Record of Meeting / Minutes		
C006	DI-MISC-80508B	Recommended Spares List		
C007	DI-MISC-80508B	Upgrade Kits List		
C008	DI-SESS-81011D	GPNTS Drawing Number Assignment Report		
C009	DI-SESS-81000D	GPNTS Master Ordering List		
C010	DI-SESS-81000D	GPNTS Production Drawings		
C011	DI-SESS-81000D	GPNTS Family Tree		
C012	DI-SESS-81000D	GPNTS System Interconnect Drawings		

DATA RIGHTS TABLE (CLIN 2000, 2001 and 2002; 3000, 3001 and 3002; 4000, 4001 and 4002; 5000, 5001 and 5002; 6000, 6001 and 6002)				
CDRL	Guidance	Name	Rights Classification	Price (non-fee bearing)
C013	DI-TMSS-80527B	GPNTS COT Documentation (including COTS Drawings and manuals)		
C014	DI-SESS-81010D	GPNTS Source Control Drawings Approval Request		
C015	DI-SESS-81012D	GPNTS Proposed Critical Manufacturing Process Descriptions		
C016	DI-IPSC-81488	GPNTS Source Code		
C017	DI-NDTI-80566A	Production Test Plan		
C018	DI-NDTI-80603A	Hardware QA Inspection Procedure		
C019	DI-NDTI-80809B	Hardware QA Inspection Test Report		
C020	DI-NDTI-80603A	Factory Acceptance Test Procedure		
C021	DI-IPSC-81488	Factory Acceptance Test Software		
C022	DI-NDTI-80809B	Factory Acceptance Test Report		
C023	DI-MISC-80508B	Hazardous Material Usage List (HMUL) with Material Safety Data Sheets		
C024	DI-MISC-81397A	Hazardous Materials Management Program (HMMP) Report		
C025	DI-MISC-80508B	IUID Report		

(End of clause)

STEPLADDER PRICING TABLES

GPNTS Pricing Tables (applicable to CLINs 1000-1002, 2000-2002, 3000-3002, 4000-4002, 5000-5002, and 6000-6002)

The unit prices for GPNTS systems are listed in tables B1, B2, and B3. Following issuance of a contract modification to exercise the options for CLINs 1000-1002, 2000-2002, 3000-3002, 4000-4002, 5000-5002, and 6000-6002, the Government may identify additional requirements for GPNTS systems. To meet these requirements, the Government may issue unilateral modifications to procure additional GPNTS systems at the unit prices listed in tables B1-B3. The Government shall have the right to procure additional systems up to the maximum quantity contained in the table.

If the Government identifies requirements for additional systems within 45 days of the initial option exercise, or within 45 days of issuance of a modification to procure additional GPNTS systems, the Government shall receive the benefit of quantity discounts by treating these purchases as combined buys. For example, if a modification was issued for procurement of 6 GPNTS systems, and within 45 days another modification was issued for procurement of an additional 6 systems, the Government would combine the order quantities and recalculate the unit pricing based upon a purchase of 12 units.

Table B-1 Configuration A: CLINs 1000, 2000, 3000, 4000, 5000, and 6000						
Qty	FY-2015/16	FY-2016/17	FY-2017/18	FY-2018/19	FY-2019/20	FY-2020/21
1-3						
4-6						
7-10						
11-13						
14-16						
17-20						

Table B-2 Configuration B: CLINs 1001, 2001, 3001, 4001, 5001, and 6001						
Qty	FY-2015/16	FY-2016/17	FY-2017/18	FY-2018/19	FY-2019/20	FY-2020/21
1-3						
4-6						
7-10						
11-13						
14-16						
17-20						

Table B-3 Configuration C: CLINs 1002, 2002, 3002, 4002, 5002, and 6002						
Qty	FY-2015/16	FY-2016/17	FY-2017/18	FY-2018/19	FY-2019/20	FY-2020/21
1-3						
4-6						
7-10						
11-13						
14-16						
17-20						

SECTION F - DELIVERIES OR PERFORMANCE

The following have been modified:

PERIOD OF PERFORMANCE

ITEMS

0001 thru 0005

PERIOD OF PERFORMANCE

From date of contract award through 48 months thereafter

OPTION ITEMS

1000 thru 1007

From date of option exercise through 1 May 2016

2000 thru 2007

From date of option exercise through 1 May 2017

3000 thru 3007

From date of option exercise through 1 May 2018

4000 thru 4007

From date of option exercise through 1 May 2019

5000 thru 5007

From date of option exercise through 1 May 2020

6000 thru 6007

From date of option exercise through 1 May 2021

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

H-405 EXERCISE OF OPTION

The Government may unilaterally require the Contractor to perform any part or all of the work required for the item(s) listed at any time during the option exercise periods set forth below. All work performed as a result of exercising the options listed below shall conform to contract requirements. Options shall be exercised, if at all, by written telegraphic or electronic notice, signed by the contracting officer, and sent within the option period specified below:

ITEMS

1000-1007

OPTION EXERCISE DATE

2 May 2015 – 1 May 2016

2000-2007	2 May 2016 – 1 May 2017
3000-3007	2 May 2017 – 1 May 2018
4000-4007	2 May 2018 – 1 May 2019
5000-5007	2 May 2019 – 1 May 2020
6000-6007	2 May 2020 – 1 May 2021

(End of clause)

SECTION I - CONTRACT CLAUSES

The following have been deleted:

52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	JUL 2010
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SECTION L - INSTRUCTIONS, CONDITIONS AND NOTICES TO BIDDERS

The following have been modified:

L-317 SUBMISSION OF PROPOSALS (COMPLEX) (JUL 1999)

1.0 SOLICITATION OVERVIEW

1.1 This solicitation is for the design, development, testing, and delivery of the Global Positioning System (GPS) – Based Positioning, Navigation, and Timing Service, referred to as GPNTS. GPNTS will support mission critical real time Positioning, Navigation, and Timing (PNT) data services for weapons, combat, navigation, and other C4I systems requiring PNT information. These real time services include User Datagram Protocol/Internet Protocol (UDP/IP) multicast net-centric messages, legacy point to point interface support, precise time and frequency services, and distribution of verified GPS Black Crypto keys.

GPNTS will be developed based on open standards in a Service Oriented Architecture (SOA), and will incorporate Non-Developmental Item (NDI) military grade Selective Availability Anti-Spoofing Module (SAASM) GPS receivers and Commercial Off The Shelf (COTS) technologies to provide a Time & Frequency management solution to shipboard users.

1.2 QUESTIONS. Offerors may submit questions concerning, or request clarification of, any aspect of this RFP. All questions shall be submitted in writing by electronic means through the GPNTS solicitation page on the Space and Naval Warfare Systems Command (SPAWAR) e-Commerce website at <https://e-commerce.sscno.nmci.navy.mil> no later than **fifteen calendar days** after issuance of this RFP. Offerors are advised that the Government will make available to the public any offeror questions and comments and the Government's associated responses; therefore Offerors shall not provide questions or comments of a proprietary nature. The Government will use its best efforts to respond to Offeror questions and comments; however, responses are not guaranteed. All questions and answers will be posted on the SPAWAR e-Commerce website at <https://e-commerce.sscno.nmci.navy.mil>.

1.3 RECEIPT OF OFFERS. Proposals are due not later than 10:00 AM Pacific Daylight Time on October 22, 2010. All times are local time in San Diego, California.

1.4 VALIDITY OF PROPOSALS. Proposals submitted in response to this solicitation shall be valid for 300 calendar days from the solicitation closing date.

2.0 PROPOSAL REQUIREMENTS

2.1 PROPOSAL ORGANIZATION, FORMAT, AND CONTENT

2.1.1 PROPOSAL ORGANIZATION. Proposals submitted in response to this requirement shall be unclassified and shall consist of three (3) separately bound volumes identified as follows:

- a. Volume I: Technical Proposal Volume
- b. Volume II: Cost/Price Proposal Volume
- c. Volume III: Contract Documents Volume

2.1.2 PROPOSAL FORMAT. In addition to all other requirements of this solicitation, each Offeror shall demonstrate its capability by means of a detailed written proposal in each of the areas indicated under Section M – Evaluation Factors for Award. Proposals submitted for consideration for award shall address the full scope of the solicitation.

The Offeror's proposal volumes shall include the following:

NUMBER OF PAPER COPIES	VOLUME	SECTION L REFERENCE	PAGE LIMIT	SECTION SUFFIX
1	I. TECHNICAL PROPOSAL			V1.TECH
	Section A - Technical Approach (Factor 1)	3.1.1	75 pages total (exclusive of Subfactor 1.2, which is not page limited).	
	System Design (Subfactor 1.1)	3.1.1.1		
	Software Development Approach (Subfactor 1.2)	3.1.1.2	No page limit.	
	Information Assurance (IA) (Subfactor 1.3)	3.1.1.3		
	Test and Evaluation (T&E) (Subfactor 1.4)	3.1.1.4		
	Integrated Logistics Support (Subfactor 1.5)	3.1.1.5		
	Section B – Technical Data Rights (Factor 2)	3.1.2	No page limit	V1.DATA
	Section C - Management Approach (Factor 3)	3.1.3	See below.	V1.MGMT
	Integrated Master Schedule/Integrated Master Plan (Subfactor 3.1)	3.1.3.1	No page limit.	
	Program Management Approach (Subfactor 3.2)	3.1.3.2	25 pages	
	Section D – Relevant Past Performance (Evaluation Factor 4)	3.1.4	3 pages total per reference (Exclusive of CPARS evaluations (if provided))	V1.PAST
	Section E - Small Business Participation (Evaluation Factor 5)	3.1.5	Ten (10) pages total (excluding SF-294s, copies of binding agreements, enforceable comments, and letters of intent)	V1.SBP
	Section F - Correlation Matrix	3.1.6	No page limit	V1.MATX

1	II. Cost/Price Proposal (Evaluation Factor 6)	3.2	No page limit	V2.COST
1	III. Contract Documents	3.3		V3. CONTRACT
	Section A: Letter of Transmittal, Completed Standard Form (SF) 33, and Completed RFP Sections B - K	3.3.1	3 pages maximum for Letter of Transmittal	
	Section B: Security Clearance Levels	3.3.2	No page limit	
	Section C: Proprietary Data Protection Agreements	3.3.3	No page limit	
	Section D: Organizational Conflict of Interest Mitigation Plan(s)	3.3.4	No page limit	
	Section E: Small Business Subcontracting Plan	3.3.5	No page limit	
	Section F: Foreign Owned Subcontractors	3.3.6	No page limit	

Information submitted in excess of the page limits established above will not be read or evaluated. Page limits do not include cover sheets, tables of contents, requirements compliance matrices, lists of figures, lists of drawings, lists of proprietary data, glossaries, tabs, dividers, or blank pages.

Do not include cost information in any volume other than the Cost Proposal.

Paper copies of the proposal shall be submitted as follows:

1. **Binding and Labeling:** Each volume of the proposal shall be separately bound in a 3-ring binder. A cover sheet shall be affixed to each volume, clearly marked as to the volume number, the copy number, the RFP identification and the Offeror's name. The volume and copy numbers shall appear on the spine of the volume binder to permit rapid accounting when the volume is placed in a vertical position in a storage cabinet.
2. **Format:** The proposal shall be on 8-1/2" X 11" recycled paper with single-spaced typed lines, including figures, glossaries, table of contents and cover sheets. Each sheet shall be printed on both sides. Type size shall be Times New Roman and no smaller than 10 point in the text, 10 point in spreadsheets, and 10 point on drawings, figures, and tables. Foldouts may be used, but shall be no larger than 11" by 17", shall be printed on one side only, and shall count as two pages. Standard margins shall be a minimum of one inch, excluding header and footer. The volumes shall contain a glossary of abbreviations and acronyms used and an explanation of each. No pen and ink changes are allowed.

Each electronic proposal, to include submission to SPAWAR E-Commerce and the CD-ROM copy, shall include uncompressed electronic copies of each Volume on separate CD-ROMs. Documents shall be prepared using Microsoft Office 2007 or compatible software suite including: all text documents shall be prepared in Microsoft WORD 2007, *.docx, and converted to searchable "PDF" documents for proposal submission; Microsoft EXCEL 2007 for all spreadsheets in *.xlsx files [**All Excel files shall be operable versus value only spreadsheets (i.e. formulas should be included in all applicable cells)**]; Microsoft Project 2007 in *.mpp files shall be used for all schedules; and Microsoft PowerPoint 2007 in *.pptx for presentation slides.

3. **Numbering:** Pages shall be numbered consecutively within each section to indicate the volume, section, and page. For example, page 19 of Volume I, Section C would be numbered I-C-19. Pages in the Cost Proposal volume shall be numbered consecutively.

Electronic copies must be provided in separate Technical, Cost/Price, and Contract Documents files. Each proposal section shall be labeled with the Volume/Section Suffix provided in the table in paragraph 2.1.2 above. Electronic proposals shall be submitted in accordance with provision L-349, Submission of Electronic Proposals.

2.1.3 PROPOSAL CONTENT

Responses to the requirements in each of the factors listed in Section M are necessary to enable the Government to evaluate the Offeror's understanding of, and capability to accomplish, the stated requirements. The Offeror must provide sufficient detail to substantiate the validity of all stated claims. Proposals shall be submitted in accordance with the instructions contained herein. Non-conformance may cause rejection of, or the downscoring of, the proposal. An Offeror's proposal is presumed to represent its best efforts to respond to the solicitation. Proposals should be clear, concise and complete. Organization, clarity, accuracy of information, relevance, and completeness are of prime importance. Sufficient supporting information shall be provided to allow the Government to evaluate the Offeror's approach.

Proposals shall correlate directly and sequentially with the following specific proposal preparation instructions. Proposals shall be complete and self-sufficient, relate exactly to what is requested and proposed, and strictly adhere to the requirements of this solicitation. Use of documentation by reference, and not incorporated into the proposal, will not be allowed. Where cross-referencing is used, the volume, attachment, exhibit and paragraph numbers, as appropriate, shall be referenced.

3.0 PROPOSAL VOLUMES

3.1 VOLUME I - TECHNICAL PROPOSAL

The required content of each technical proposal section is described below. The technical proposal shall not include any cost information. The technical proposal shall cover the offeror's understanding of the work and the methods that will be employed to attain contract objectives and shall enable technical personnel to make a thorough evaluation and a determination whether the proposal will satisfy the Government's requirements.

The technical proposal shall be specific, detailed, and complete and fully demonstrate that the prospective offeror has a thorough understanding of the Government's requirements. The technical proposal shall also address inherent technical problems, the achievement of the specification requirements, and how the contractor will execute the work required by the solicitation. Data previously submitted to the Government will not be considered; therefore such data shall not be incorporated into the technical proposal by reference. Statements that the Offeror understands can or will comply with all specifications, or statements paraphrasing the specifications or other information contained in the RFP will be considered inadequate. Phrases such as "Standard procedures will be employed" and "well known techniques will be used" will also be considered insufficient.

Offerors shall provide the following information to support the Government's evaluation of the offeror's technical proposal. The technical evaluation factors and subfactors are as follows:

3.1.1 TECHNICAL APPROACH (Evaluation Factor 1). The technical approach factor includes the following five (5) subfactors:

3.1.1.1 System Design (Subfactor 1.1). The Offeror shall describe how its systems design (hardware and software) will meet the threshold requirements specified in the GPNTS Technical Requirements Document (TRD) for the following GPNTS system elements:

- a) Real Time Component (RTC) (TRD Section 3.3)
- b) System Access Component (SAC) Indirect SAC (TRD Section 3.4; TRD Appendix B)
- c) Time Frequency Component (TFC) (TRD Section 3.5)
- d) GPS Receiver Module (TRD Section 3.6)

e) Crypto Distribution (TRD Appendix A)

The Offeror shall also describe how its GPNTS design will meet the requirements for the multiple configurations identified in Section 3.10 of the GPNTS TRD.

The Offeror shall describe how its systems design (hardware & software) employs open architecture tenants and modular standards-based open systems approach to satisfy the GPNTS TRD requirements. The Offeror shall describe how its proposed design incorporates the open architecture design tenets of interoperability, extensibility, maintainability, and composable. The Offeror shall describe how interfaces will be selected from existing open, de facto, proprietary or Government standards with emphasis on maximizing system level or enterprise level (where applicable) interoperability. The offeror shall describe how its selection of interfaces will maximize the ability of the system to readily accommodate technology insertion (both hardware and software) and facilitate the reuse of alternative or reusable modular system elements. If the Offeror proposes to reuse software as part of its system design, the Offeror shall provide the rationale for which software was selected for reuse.

The Offeror shall describe how its system design minimizes reliance on proprietary, vendor unique, or closed elements. The Offeror shall justify any use of proprietary, vendor-unique, or closed components (software and/or hardware) and interfaces. The justification shall include documentation of the decision leading to selection of specific COTS products (e.g. test results, architectural suitability). The Offeror shall define its process for identifying and justifying proprietary, vendor-unique or closed interfaces, code modules, hardware, firmware, or software to be used. When interfaces, hardware, firmware, or modules that are proprietary or vendor unique are required, the Offeror shall explain how those proprietary elements do not preclude or hinder Government's desire to:

- Enable Government to separately purchase its own equipment and assemble GPNTS configurations in Government labs;
- Enable third party Government or contractor teams to integrate additional hosted applications;
- Enable third party Government or contractor teams to do LRIP/Full Rate Production installations;
- Enable third party Government or contractor teams to perform ISEA functions;
- Enable hand off of design documents, install documents, and software to the LRIP/Full Rate Production contractor for production; and
- Enable hand off of design documents and software to the LRIP/Full Rate Production contractor for modifying and extending GPNTS design and GPNTS software.

The Offeror shall describe how its system design incorporates Non-Developmental Items and COTS items to meet the GPNTS performance requirements and provide the rationale for selection of these items, to include the results of any trade-off analyses or studies.

3.1.1.2 Software Development Approach (Subfactor 1.2). The Offeror shall submit a draft version of its Software Development Plan (SDP) in accordance with the requirements contained in paragraph 4.1.2.8 of the GPNTS Statement of Work (SOW). The SDP may be formatted as desired by the Offeror, but must contain the information described by the SDP DID (DI-IPSC-81427A). The SDP is not page limited.

Offerors shall also submit, as a part of their proposal, an SDP Rationale which describes why their specific approach is appropriate for the system to be procured and how their proposed processes are equivalent to those articulated by CMMI® capability Level 3. The Offeror shall also identify the number of proposed staff experienced in using these processes that will be assigned to the GPNTS effort.

The Offeror shall describe its previous experience in developing software using the same or similar approach as proposed for this solicitation. The Offeror shall describe the extent to which personnel who contributed to these previous efforts will be supporting the GPNTS effort. The offeror shall also describe any previous CMMI or equivalent model based process maturity appraisals performed within 24 months prior to proposal submission. As part of this description, the Offeror shall identify the organizational entity and location where the appraisal was performed, the type of evaluation, the organization performing the evaluation, and the level earned. The results of any standard model-based process maturity appraisals performed within 24 months prior to proposal submission, and the number of proposed staff experienced in using these processes will be part of the evaluation criteria.

3.1.1.3 Information Assurance (IA) Approach (Subfactor 1.3). The Offeror shall describe how its IA Approach will meet the IA requirements specified in the Section 4.1.15 of the GPNTS SOW.

3.1.1.4 Test and Evaluation (T&E) (Subfactor 1.4) The Offeror shall describe how its T & E approach will meet the requirements specified in Sections 4.1.9-4.1.9.5, 4.2.6-4.2.6.3 and 4.3.6-4.3.6.2 of the GPNTS SOW.

The Offeror shall also describe the facilities it proposes to use to conduct GPNTS T&E efforts, and identify and describe its approach for use of any modeling and simulation tools. The Offeror will also identify and describe any Special Test Equipment required to conduct GPNTS T&E efforts.

3.1.1.5 Integrated Logistics Support (ILS) (Subfactor 1.5) The Offeror shall describe its approach to meeting the ILS requirements specified in Sections 4.1.12-4.1.12.5 and 4.2.11 of the GPNTS SOW. The contractor shall describe how their design minimizes life cycle cost and provide an estimate of a total life cycle cost. The estimate should assume 20 year sustainment after production. The total life cycle cost estimate shall be provided with the cost proposal BOEs and include an explanation of how the estimate was derived.

3.1.2 TECHNICAL DATA RIGHTS (Evaluation Factor 2). For all GPNTS designs and deliverables under this contract, it is the Government's objective that all noncommercial technical data (TD) and computer software/computer software documentation (CS/CSD) be delivered with Unlimited Rights, or if such noncommercial TD/CS/CSD contains elements generated previously with Offeror's own capital, with a minimum of Government Purpose Rights (GPR) (as defined by DFARS 252.227-7013 and 252.227-7014). Technical Data and software are defined at DFAR 252.227-7013 and DFARS 252.227-7014. Firmware is defined as "computer-programming instructions that are stored in a read-only memory unit rather than being implemented through software." If the Offeror proposes to deliver commercial TD/CS/CSD, it is the Government's desire to obtain a license to the commercial TD/CS/CSD that would grant the Government the equivalent of GPR. The Government's objective applies to any commercial and noncommercial TD/CS/CSD deliverables such as engineering diagrams, analysis, reports, and designs that pertain to the systems to be delivered under this contract. An Offeror will not, however, be deemed non-responsive if it offers to provide rights more restrictive than GPR on any portion of the technical data, and/or software to be delivered under this contract for which it is entitled to assert those restrictions pursuant to the DFARS 252.227-7013 and 252.227-7014. The Government's goal of acquiring GPR is not a condition of award; rather it is factor in the source selection decision.

The Offeror shall complete and submit the table as contained in the Section K provision(s) entitled "Identification, and Assertion of Use, Release, or Disclosure Restrictions" (DFARS 252.227-7017) and, if applicable "Technical Data Previously Delivered to the Government" (DFARS 252.227-7028), to identify **both** the commercial and noncommercial TD, CS and/or CSD to be furnished, the asserted rights category, and the basis for the assertion. The Offeror shall use separate tables for commercial and noncommercial items. The Offeror shall ensure that the TD, CS and/or CSD are identified by specific reference to the requirement to deliver or provide that TD, CS, and/or CSD in the contract, for example, by referencing the associated CLINs, CDRLs, or paragraphs in the Statement of Work.

If a commercial or open source solution is proposed, the Offeror shall include as part of the proposal any and all Commercial or Open Source License Agreements applicable to CDRLs or other deliverables under this contract, including those applicable to the Offeror's subcontractors. The Government reserves the right to negotiate terms of use and conditions of the commercial licenses that are inconsistent with normal Government practices (as stated in 3.1.2 of this Section) and the Section I Clause "Technical Data – Commercial Items" (DFARS 252.227-7015). The resulting license agreements will be an Attachment to the executed contract.

The Offeror will ensure consistency between the technical data rights assertions and information provided in the Data Rights proposal, including the "Identification, and Assertion of Use, Release, or Disclosure Restrictions" and "Technical Data Previously Delivered to the Government" tables, the Supplemental Information, and the Section B technical data rights tables.

3.1.3 MANAGEMENT APPROACH (Evaluation Factor 3). The management approach factor includes the following two (2) subfactors:

3.1.3.1 Integrated Master Plan (IMP) / Integrated Master Schedule (IMS) (Subfactor 3.1) The Offeror shall submit a draft IMP that identifies all activities required to complete the design and development efforts required by CLIN 0001. The Offeror shall also provide a cross reference matrix that shows how the content of the IMP corresponds to the content of the GPNTS SOW and the draft IMS.

The Offeror shall submit a draft IMS that identifies major program milestones, tasks, task interrelationships and dependencies, and task durations to meet the GPNTS design and development requirements of CLIN 0001.

3.1.3.2 Program Management Approach (Subfactor 3.2). The Offeror shall describe its proposed Program Management Approach for managing and directing the GPNTS design, development, and production efforts. The Offeror shall describe its policies, plans, and procedures for managing cost, schedule and performance risk. The Offeror shall describe its Earned Value Management System to be used in accordance with DFARS clause 252.234-7001 Notice of Earned Value Management System, and DFARS clause 252.234-7002 Earned Value Management System for CLIN 0001 only. The Offeror shall provide documentation or evidence of Defense Contract Management Agency (DCMA) EVMS validation/acceptance and compliance of their EVMS with the ANSI/EIA-748-B standards.

The Offeror shall describe its proposed program management organization for the GPNTS design, development, and production effort, including identification of lines of responsibility, authority, and communication, and management of subcontractors.

3.1.4 PAST PERFORMANCE (Evaluation Factor 4). The Offeror shall provide a description of those recent efforts (last five years) that best demonstrate management, cost, schedule, and technical past performance. The Offeror shall provide information on a total of five (5) previous Government contracts whose effort was relevant to the effort required by this solicitation using the contract reference form provided as Attachment 7 to this solicitation. Of these five (5) relevant past performance experiences, three shall be from the prime contractor and the remaining two (2) will be from the two (2) largest subcontractors (measured by dollar value for CLIN 0001 only). The contracts provided should have been performed, but not necessarily completed, within the last five (5) years. If the Offeror has not had Government contracts within the last five (5) years, information on relevant subcontracts may be submitted instead. The Government reserves the right to contact references for verification or additional information, e.g. Contractor Performance Assessment Reporting System (CPARS).

Relevant contracts are those that demonstrate management and technical experience with the design, development, integration, production, and testing of the following (listed in descending order of relevance):

- Military-grade positioning, navigation, and timing (PNT) systems for U.S. Navy applications.
- Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems for U.S. Navy applications.
- C4ISR systems for U.S. Department of Defense (DoD) applications.
- C4ISR systems for foreign military applications.
- Experience with large software development efforts for U.S. DoD applications.

The Offeror shall submit Attachment 7- Reference Information Sheet.

3.1.5 SMALL BUSINESS PARTICIPATION (Evaluation Factor 5). Offerors, unless otherwise exempt, due to being a small business concern or a company performing outside of any State, territory, or possession of the United States, the District of Columbia, and the Commonwealth of Puerto Rico, shall, in accordance with FAR 19.7 and FAR 52.219-9, submit a Small Business Subcontracting Plan. Failure to submit and negotiate a subcontracting plan acceptable to the Contracting Officer shall make the offer ineligible for award of a contract.

The following SPAWAR Subcontracting Goals for this procurement are provided to assist in the development of your Subcontracting Plan:

Small Business Categories	SPAWAR Target
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	(Based upon % of subcontracted amount)
Total Small Business (includes the below)	30%
Small Disadvantaged Business	5%
Woman-Owned Small Business	5%
Veteran-Owned Small Business	3%
HUBZone	3%
Service-Disabled Veteran Owned Small Business	3%

The above goals are provided as a baseline for preparing the subcontracting plan. The subcontracting plan shall propose subcontracting goals for this specific requirement. If the subcontracting plan does not meet or exceed the above goals in any category the offeror shall clearly explain why the goal is not being proposed and what actions the contractor is undertaking to maximize small business subcontracting goals in an attempt to bring the percentages to or above the SPAWAR goals.

If the Offeror is a participant in the DoD Comprehensive Subcontracting Test Program specified in DFARS 219.7, the Offeror shall provide a copy of the approved comprehensive plan and describe how small business participation on this contract will contribute to its overall Comprehensive Subcontracting Plan goals. The description must provide the extent of small business participation for this procurement with percentage and dollar amounts for specific small business categories.

Small Business Commitment

In addition to the Small Business Subcontracting Plan to be submitted in Volume III, large business Offerors shall provide (1) (2) and (3) below.

- 1) The Offeror shall provide a copy of the Offeror’s latest SF 294 for each of the contracts identified in the proposal as “Past Performance” section to this solicitation. In addition, provide the Offeror’s latest DCMA Subcontracting Program Compliance Rating letter including the attached rating narrative. If the Offeror is, or was, a participant in the DoD Comprehensive Subcontracting Plan Test Program during the period of performance for the contracts identified for past performance, the offeror shall submit the relevant SF 295 for the period(s) covered in lieu of individual SF 294s.

- 2) The Offeror shall provide a table identifying all proposed first tier subcontractors individually by name with their addresses, their business type (large, small, small disadvantaged, women-owned, HUB Zone, veteran-owned, service-disabled veteran-owned small) as determined by the SBA size standard for the specific work being subcontracted; the principal service/supply being provided by the subcontractor; and the complexity of the service/product provided. A sample table is provided below.

- 3) The Offeror shall provide evidence of commitment to utilize small businesses on this contract. Evidence may include copies of binding agreements, enforceable commitments or letters of intent executed with the subcontractors identified in the table required by (2) above.

Name of 1st Tier Subcontractor	Subcontractor Address	Type of Business (Large, SB, HUB Zone, SDB (incl. HBCU/MI), WOSB, VOSB, SDVOSB) List all Applicable Categories	Principal Supply/Service Provided	Complexity of Product/Service Provided (Brief Narrative)
XYZ Corp.	123 Main St. Anytown, NY 01345	Large	Castings	Manufactured to .01 tolerance

Acme, Ltd.	456 First Ave. Somewhere, NY 54321	SB, SDB, VOSB	Logistics Software	Utilizing ISO 9000 and S100D standards with XML
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The CCR & SBA Dynamic Small Business Search (<http://ccr.gov>) database will be viewed to verify the small business category or categories of the proposed small businesses in the table. The Offerors shall list all applicable business types for which each subcontractor qualifies. The definition of a small business concern is as set forth in 13 CFR 121.105.

NOTE 1: This information is for source selection evaluation purposes only. The Small Business Subcontracting Plan shall be submitted by the Offeror in accordance with FAR 52.219-9 stating cumulative subcontracting goals and for each option in both dollars and percentages of total subcontracted amount.

NOTE 2: Offerors are reminded that all goals accepted and incorporated into the resulting contract will be subject to FAR Clause 52.219-16, “Liquidated Damages-Subcontracting Plan”.

NOTE 3: Offerors are reminded that the Small Business Subcontracting Plan (required from large businesses only) shall correlate with the proposal information on small business commitment.

3.1.6 CORRELATION MATRIX

The format of the proposal volumes shall correlate directly and sequentially with the proposal outline specified in Section L. The proposal shall provide an obvious correlation to the specific requirements given in each instruction. The Offeror shall complete the following Correlation Matrix by completing the “Offeror’s Proposal Citation” column of the matrix with the volume, section number, annex, , exhibit, page number, and paragraph numbers, as applicable, and returned in the Technical Volume.

Section L	Section M	Offeror’s Proposal Citation
3.1.1 Technical Approach (Evaluation Factor 1)	3.1.1 Technical Approach (Evaluation Factor 1)	
3.1.1.1 System Design (Subfactor 1.1)	3.1.1.1 System Design (Subfactor 1.1)	
3.1.1.2 Software Development Approach (Subfactor 1.2)	3.1.1.2 Software Development Approach (Subfactor 1.2)	
3.1.1.3 Information Assurance (IA) (Subfactor 1.3)	3.1.1.3 Information Assurance (IA) (Subfactor 1.3)	
3.1.1.4 Test and Evaluation (T&E) (Subfactor 1.4)	3.1.1.4 Test and Evaluation (T&E) (Subfactor 1.4)	
3.1.1.5 Integrated Logistics Support (Subfactor 1.5)	3.1.1.5 Integrated Logistics Support (Subfactor 1.5)	
3.1.2 Technical Data Rights (Evaluation Factor 2)	3.1.2 Technical Data Rights (Evaluation Factor 2)	
3.1.3 Management Approach (Evaluation Factor 3)	3.1.3 Management Approach (Evaluation Factor 3)	
3.1.3.1 Integrated Master Plan/Integrated Master Schedule (Subfactor 3.1)	3.1.3.1 Integrated Master Plan/Integrated Master Schedule (Subfactor 3.1)	
3.1.3.2 Program Management Approach (Subfactor 3.2)	3.1.3.2 Program Management Approach (Subfactor 3.2)	
3.1.4 Past Performance (Evaluation Factor 4)	3.1.4 Past Performance (Evaluation Factor 4)	
3.1.5 Small Business Participation (Evaluation Factor 5)	3.1.5 Small Business Participation (Evaluation Factor 5)	
3.2 Cost/Price (Evaluation Factor 6)	3.2 Cost/Price (Evaluation Factor 6)	

3.2 VOLUME II – COST/PRICE PROPOSAL (Evaluation Factor 6)

INTRODUCTION. This volume shall contain cost information only. The guidelines and requirements in this section are provided to (1) aid Offerors in preparing their cost/price proposal; and (2) aid the Government in reviewing and evaluating the Offeror’s cost proposal. The Government’s intent is to provide instructions that will allow the Offeror to develop clear, concise, and comprehensible proposals and to minimize data requests by the Government during the proposal evaluation process.

ORGANIZATION: The cost/price proposal instructions outlined in this section shall be followed in developing the proposed costs and prices for all CLINs listed in Section B – Supplies/Services and Prices/Cost of this RFP. Offerors shall complete Section B and provide it with this volume, with an additional copy to be provided in the Contract Documents volume. The cost volume submitted by the Offeror shall include the cost/price for all GPNTS CLINs. Offerors shall complete Section B as well as Pricing Tables B-1, B-2 and B-3 for all quantity ranges provided by proposing:

(a) GPNTS Development: For CLIN 0001, an estimated cost and incentive fee calculated in accordance with the instructions set forth in Section B of the RFP. For the DT/OT support under CLIN 0001 the Offeror is provided with the following hours for estimating purposes, the Offeror shall provide an estimated cost calculated using the labor categories and estimated hours provided below;

Labor Category	
Program Manager	500
Electrical Engineer (mid level)	1000
Mechanical Engineer (mid level)	1000
Computer Scientist (mid level)	1000
Test Engineer (mid level)	1000
Technical Writer / Editor	0

(b) Other Direct Costs: For CLINs 0005, 1007, 2007, 3007, 4007, 5007, and 6007 the Offeror shall insert the following not to exceed travel and Other Directs Costs (ODC) amounts in Section B. These amounts are non-fee bearing and are all inclusive (include contractor burdens such as General & Administrative expense, etc.)

CLIN	ODC amount
0005	\$100,000
1007	\$50,000
2007	\$20,000
3007	\$20,000
4007	\$20,000
5007	\$20,000
6007	\$20,000

(c) GPNTS LRIP/Production Hardware (Option CLINs 1000-1002, 2000-2002, 3000-3002, 4000-4002, 5000-5002, and 6000-6002). The Offeror shall insert individual unit prices for LRIP and FRP in Pricing Tables B1, B2, and B3 for the quantities of GPNTS hardware identified in the pricing tables provided in Section B of the RFP.

(d) Provisioning Item Orders (Option CLINs 1003, 2003, 3003, 4003, 5003, and 6003) and Upgrade Kits (Option CLINs 1004, 2004, 3004, 4004, 5004 and 6004) the Offeror shall insert the following not to exceed amounts in Section B.

CLIN	PIO
1003	\$225,000
2003	\$550,000
3003	\$550,000
4003	\$550,000

5003	\$550,000
6003	\$550,000

CLIN	Upgrade Kits
1004	\$8,250
2004	\$16,500
3004	\$16,500
4004	\$16,500
5004	\$16,500
6004	\$16,500

(d) Engineering Services: For CLINs 1005, 2005, 3005, 4005, 5005, and 6005, the Offeror shall provide an estimated cost and fixed fee (fixed-fee shall equal 5%) calculated using the labor categories and estimated hours provided below. The Government can guarantee neither the estimated quantities of man-hours shown for individual labor categories nor the total estimated staff hours. It is recognized that some of the Labor Category titles used in the solicitation may not exactly match the titles normally used in a particular company operation. Accordingly, in order to permit a rapid comparison between the anticipated labor team shown below and the Offeror’s actual labor mix, each proposal must provide the following:

- (1) Direct labor rates related to the categories specified in the solicitation.
- (2) A statement of the Offeror’s normally used nomenclature for each labor category included herein, together with a copy of the Offeror’s own position description for each labor category.
- (3) A statement of any additional labor categories, estimated hours and related qualifications for labor cost that will be a direct cost based on the Offeror’s accounting procedures (e.g. management and administrative labor costs.)
- (4) Subcontractor labor hours at all tiers should be shown in the same manner as described in paragraphs (1) through (3) above.

Labor Category	CLIN 1005	CLIN 2005	CLIN 3005	CLIN 4005	CLIN 5005	CLIN 6005
Program Manager	250	100	100	100	100	100
Electrical Engineer (mid level)	500	500	500	500	500	500
Mechanical Engineer (mid level)	500	500	500	500	500	500
Computer Scientist (mid level)	500	500	500	500	500	500
Test Engineer (mid level)	500	500	500	500	500	500
Technical Writer / Editor	500	0	0	0	0	0

(e) Data Rights: Offerors shall complete the Data Rights Tables contained in Section B of the RFP by inserting the rights classification and associated fixed price (if any) for each CDRL item listed in the table. Offerors shall identify all costs associated with the use and/or maintenance of any proposed Commercial and/or Open Source Software (e.g., renewal license fee) throughout the lifecycle of the GPNTS system. Offerors shall ensure that all costs identified in the Section B Data Rights Tables are traceable to the applicable CLINs in the Cost Proposal. (Note: this table is not all-inclusive; the Offeror may add additional CDRL items during proposal submission.)

COST PROPOSAL INSTRUCTIONS:

Throughout these instructions, formats are provided to assist the Offeror/major subcontractor in providing adequate substantiation and ensuring traceability throughout the cost/price proposal. The Offeror/major subcontractor shall complete the cost attachments to this RFP and provide them in the cost proposal volume. Blank versions of each

attachment are provided as RFP attachments (in Microsoft Excel format) on the SPAWAR e-Commerce website. For information required where no Government format is provided, the Offeror/major subcontractor, shall provide the required information in the Offeror's chosen format. **All calculations shall be provided in the Excel attachments with formulas intact.** There are no specific font-size requirements for the information provided in the cost proposal, but all information provided in hard copy shall be easily legible.

All cost information shall be submitted in Then Year dollars (TY\$) by GFY unless otherwise noted. For consistency, the Offeror, and major subcontractor, shall use the same fee as proposed in Section B. If the Offeror, or major subcontractor, desires to provide additional information not specifically required in the cost attachments, the information may be supplied in the Offeror's chosen format.

A matrix of the Government required cost summaries is provided as RFP Attachments 5-1 through 5-14, entitled "Cost Templates". The matrix shows by CLIN what cost summary is required by each Offeror/major subcontractor for GPNTS. All other required information and data shall be completed in the Offeror's chosen format.

All data provided by the Offeror/major subcontractor, whether in the Offeror's/major subcontractor's format or specified Government format, shall be traceable throughout the proposal with all formulas intact. For example, all data provided at lower levels in the cost volume shall add up to the totals in the cost volume's summary formats as well as the costs/prices in Section B of the RFP. The information shall also be traceable to that provided in the technical and other volumes (where applicable). Where the trace is not direct it shall be explained in a walk through.

The Offeror shall identify its cognizant Defense Contract Audit Agency (DCAA) and Defense Contract Management Agency (DCMA) offices and provide the following information for each cognizant office:

Point of Contact Name
Office Address
Telephone and FAX numbers

The Offeror shall submit one (1) copy of its proposal to their cognizant DCAA office

GPNTS DESIGN AND DEVELOPMENT (CLIN 0001)

The Offeror/major subcontractor shall provide a narrative Basis Of Estimate (BOE) for each Work Breakdown Structure (WBS) element for CLIN 0001. A "Major Subcontractor" is defined as a subcontractor at any tier whose proposal represents at least five (5) percent of the estimated cost for CLIN 0001 (exclusive of target fee). The narrative BOE shall provide a description of the work to be performed, the total hours proposed, the total hours broken into labor hours per labor category, any proposed material (tracing to the Bill of Material), and any other costs associated with that WBS element. Descriptions of the work to be performed must be explicit regarding what work will or will not be included in the effort. A rationale and appropriate supporting data for the proposed hours and materials shall be included. If data from analogous programs are used, the analogous programs must be listed in Attachment 5-10. The Offeror's BOEs shall distinguish between recurring and non-recurring efforts.

The Offeror shall cross reference each BOE to the technical proposal, to include the technical proposal page number

BOE SUBSTANTIATION

The Offeror/major subcontractor shall furnish the procedures and methodology used in compiling the proposed cost. All information, such as Independent Research and Development (IR&D) efforts, which an Offeror/major subcontractor wants the Government to consider under this criterion, must be disclosed. The Offeror's/major subcontractor's proposal is presumed to represent the best efforts to respond to the solicitation. Any inconsistency, whether real or apparent, between promised performance and cost should be explained in the proposal. For example, if the intended use of new and innovative production techniques is the basis for an abnormally low estimate, the nature of these techniques and their impact on cost should be explained and fully justified. Any significant inconsistency, if unexplained, raises a question as to the Offeror's/major subcontractor understanding of the nature and scope of the work required and the ability to perform the contract. If the cost information

demonstrates that the Offeror/ major subcontractor does not understand or appreciate the level of effort necessary to successfully complete its approach to the requirements, the Government may consider this a program risk.

The Offeror and each Major Subcontractor bears full responsibility for ensuring traceability and that substantiation is included in the proposal for all elements of proposed costs/prices, whether that information is provided to the Government via the Offeror or directly to the Government by the Subcontractor.

If the Offeror has a firm fixed price contract with a Major Subcontractor and detailed cost information is not available, the Offeror shall provide alternative substantiation to demonstrate the reasonableness of the subcontractor's proposed fixed price. The Offeror shall also include in the substantiation an explanation of the basic terms of the firm fixed price subcontract, including a description of any "re-opener" clauses or other conditions that may cause the actual subcontracted price to differ from what is proposed.

In assessing the realism of the proposal, the Offeror's/Major Subcontractor's respective company's actual resource expenditures for comparable tasks and historical data on previous programs are of primary importance. The proposed cost/price estimates shall be supported with the Offeror's/Major Subcontractor's historical costs/prices and past experience with similar programs. When using historical cost data from comparable, analogous systems/subsystems, all assumptions affecting the Offeror's proposal are to be fully documented (e.g. inflation, methodology, make or buy decisions, etc.). If the Offeror/Major Subcontractor presents an analogous system to substantiate proposed costs and prices, in addition to providing verifiable actual costs for the analogous system as the basis of estimate, the Offeror/Major Subcontractor must also provide background information and information related to cost-driving parameters for both the analogous and proposed system. Additionally, the Offeror/Major Subcontractor shall present information that clarifies the complexity of the analogous system relative to that of the proposed system. When adequate substantiation is not provided in the proposal, the Government may opt to utilize historical data and its experience with other programs.

The Offeror/Major Subcontractor must establish that the historical system is in fact similar enough to the proposed system to constitute a valid analogy. When using historical or analogous systems as substantiation, the Offeror/Major Subcontractor shall describe why the system is comparable to the proposed system. The Offeror/Major Subcontractor is required to provide data for the historical program and demonstrate the relationship between the historical programs, the proposed effort, and explain how and why the data was manipulated. The Offeror/Major Subcontractor shall describe the basis for any parametric factors.

Substantiation of each portion of the proposal and a clear trace to the lowest level for which estimates were developed is required for the Offeror and each Major Subcontractor. This information shall be consistent with the information provided in the technical proposal. This information is required in order to identify parameters that are likely to affect the cost of the proposed system, and to establish the relationship between the proposed system and the analogous system(s).

General statements such as "estimates were derived from engineering analysis or judgment" are unacceptable. Furthermore, simply stating that the proposed cost/price is based on these similar programs is not adequate substantiation. In addition, statements that simply describe a historical program and the associated labor hours and material costs do not substantiate a cost estimate. The relationship of that program to the proposed system must be demonstrated and justified as outlined in this section. If a "new or improved" engineering or manufacturing process is the basis for projecting cost savings over historical systems, the Offeror/Major Subcontractor shall provide a description of the improvements, the relationship to the previous process, and a summary of how these improvements will be achieved. Specific savings in work hours and material must be documented and justified with regard to the content and practicality of these improvements. Estimates for level of effort tasks shall include the following: task duration, time-phased hours and associated costs, and the relationship between the historical system and the proposed system.

A programmatic and technical description of the historical system as well as the proposed system shall be provided along with the actual cost data for the historical system, a comparison of the historical system to the proposed system, and any adjustments made to the historical programmatic, technical and cost data to derive the proposed estimate. The Offeror/Major Subcontractor shall clearly identify and distinguish information associated with the

proposed system from information associated with the analogous system. Detailed requirements are provided below.

PROGRAMMATIC DESCRIPTION

The programmatic description relates to the acquisition aspects of the historical system identified by the Offeror/Major Subcontractor as analogous. This data shall include, at a minimum, a top-level schedule with critical milestones, production rates, quantities procured by year, sole source or competitive procurement, the Offeror's/Major Subcontractor's actual contribution to the system, and the time period in which the element was developed. These aspects of the historical system and their similarities to and differences from the proposed system shall be explained.

TECHNICAL DESCRIPTION

The technical description relates to the performance and physical aspects of the historical system. This data shall describe, at a minimum, the system in terms of weight, power, the number of parts/components (including description), physical configuration, type of material, technology, and physical/performance parameters. These aspects of the historical system and their similarities to and differences from the proposed system shall be explained.

ACTUAL COST DATA

Cost or task data shall include the cost account, narrative description of the effort, and the actual cost data (including material, man-hours and total dollars). Actual cost data does not qualify as adequate substantiation when the Offeror/Major Subcontractor simply refers to a cost account and provides the labor/material resource for the cost account (example: the XYZ program with the cost account 12345 containing 450 man-months). The Offeror/Major Subcontractor shall properly cite, clarify, and establish the proper context of all historical actuals used to substantiate their offer and submit to the Government any relevant documentation needed to support the Offeror's/Major Subcontractor's claims.

ADJUSTMENTS TO DERIVE THE PROPOSAL ESTIMATE

The BOEs shall be based on the WBS provided with a BOE for each WBS element for CLIN 0001 only. The BOEs shall be sequentially numbered and include reasons and justification for any adjustments made to programmatic, technical and actual cost data for the historical system. The Offeror/major subcontractor shall provide the basis and document any adjustments applied to the historical data, such as complexity factors and normalization methods, to reflect the characteristics of the proposed system. The BOEs shall also include an audit trail sufficient for the Government to reconstruct the proposed estimate and judge the credibility of data application. The BOEs shall include the estimating methodology and application of the cost data. Material, ODC and travel explanation and costs shall be included in the BOEs.

REQUIREMENTS PECULIAR TO COMMONLY USED COST ESTIMATING APPROACHS

The Government recognizes that Offeror/Major Subcontractor may use a variety of cost estimating approaches and techniques to develop their proposed estimates. This section outlines substantiation requirements peculiar to parametric, bottoms-up and analogous estimating techniques. As explained above, historical data from comparable systems/subsystems shall be used to substantiate the Offeror's/Major Subcontractor's estimate to the maximum extent, and may be utilized with any of these techniques.

PARAMETRIC TECHNIQUE

Where parametric simulation or statistically derived models are employed, statistical measures of confidence, prediction, capability, and fit shall be provided for independent and dependent variables, as well as the raw data and source(s) of this raw data. The Offeror/Major Subcontractor shall describe any adjustments made to such data, including the reasons and justifications for the adjustments.

BOTTOMS-UP TECHNIQUE

If a bottoms-up estimate is used, a summary of the procedures shall be included along with historical data supporting the estimate. This includes any cost improvement (learning) assumptions, quantity buy adjustments, business base adjustments, and any other factors (e.g. scrap, rework, yields, negotiation decrements, etc.) that affect the estimate.

ANALOGY TECHNIQUE

If an analogous estimating technique is used, the technical information required in this section, as well as procurement history shall be supplied to support the lowest level of the Offeror's/Major Subcontractor's estimate. In addition, the rationale for any adjustments of analogous data to the proposed estimate shall be explained in full detail with technical and programmatic descriptions.

COST SUMMARIES

The Offeror and major subcontractors shall provide summary costs in the following Section L attachments. The content requirements for each attachment are set forth in the paragraphs below.

- Attachment 5-1: Cost Element CLIN Traceability Breakout (applicable to CLIN 0001)
- Attachment 5-2: Total Cost by WBS (applicable to CLIN 0001)
- Attachment 5-3: Program Summary Report (applicable to CLIN 0001)
- Attachment 5-4: Labor Hours by WBS (applicable to CLIN 0001)
- Attachment 5-5: Labor Dollars by WBS (applicable to CLIN 0001)
- Attachment 5-6: Material Dollars by WBS (applicable to CLIN 0001)
- Attachment 5-7: Subcontractor Dollars by WBS (applicable to CLIN 0001)
- Attachment 5-8: Other Direct Costs (applicable to CLIN 0001)
- Attachment 5-9: Bill of Material (applicable to CLIN 0001)
- Attachment 5-10: List of Analogous Programs (applicable to CLIN 0001)
- Attachment 5-11: Software Information (applicable to CLIN 0001)
- Attachment 5-12: Indirect Rates (applicable to CLIN 0001 and ESS (CLINs 1005, 2005, 3005, 4005, 5005, and 6005))
- Attachment 5-13: Direct Rates (applicable to CLIN 0001 and ESS (CLINs 1005, 2005, 3005, 4005, 5005, and 6005))
- Attachment 5-14: Engineering Support Services (ESS) Summary

ATTACHMENT 5-1: COST ELEMENT CLIN TRACEABILITY BREAKOUT

The Offeror/Major Subcontractor shall provide a time-phased (by Government Fiscal Year Quarter, Government Fiscal Year and Calendar Year), detailed cost element breakout of labor, material, subcontracts and G&A/other costs at Level 2 of the WBS (**Attachment 5-1**) for CLIN 0001.

The intent of **Attachment 5-1** is to allow the Offeror/Major Subcontractor to provide a consolidated, fully traceable breakout of the proposed cost at Level 2 of the WBS, using the Offeror's/Major Subcontractor's own labor categories, burdens and other aspects of the Offeror's/Major Subcontractor's accounting structure.

Additional requirements for the completion of **Attachment 5-1** are provided below (some of which may be repeated elsewhere in this appendix as general requirements).

- **Attachment 5-1 (and all other attachments)** shall be provided for CLIN 0001 specified on the first sheet of **Attachment 5-1** titled "Matrix" for the particular attachment. Rows that are not applicable shall be left blank.
- Lower level WBS elements (1.1 – 1.8) shall sum up to top level WBS summary level at WBS 1.0 within **Attachment 5-1**. All other attachments shall also be traceable to one another and to **Attachment 5-1** at the top level.

- **Attachment 5-1** shall be provided in soft copy in a Microsoft Excel-compatible format with working formulas intact. For both the Offeror and Subcontractor's Attachment 5-1 the formulas shall apply the proposed labor rates to the proposed labor hours and the Offeror's or Major Subcontractor's overhead and other burden rates to their respective baseline costs. **If Offeror's or Major Subcontractor's direct and indirect rates are composite rates, the formulas showing how the composite rates were calculated shall be included.** The Offeror shall include subcontractor cost totals in its Attachment 5-1 submission to the Government. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-1 matches the total used in the Offeror's Attachment 5-1.
- The direct and indirect rates included in **Attachment 5-1** shall match and trace to the rates. This Attachment shall be linked to **Attachment 5-12** Indirect Rates and **Attachment 5-13** Direct Labor Rates so that any changes made to **Attachments 5-12 and 5-13** will flow through to **Attachment 5-1** for cost realism purposes.
- **Attachment 5-1** shall be completed for the Offeror and each Major Subcontractor (see specific requirements for Major Subcontractors elsewhere in this appendix including potential exceptions to the requirement).
- The cost elements for each Level 2 WBS element shall be expanded as shown in the example for "1.1 Program Management".
- **Attachment 5-1** shall reflect the Offeror's/Major Subcontractor's own labor and material categories, so that the application of the Offeror's/Major Subcontractor's proposed rates and burdens is traceable and consistent with the Offeror's/Major Subcontractor's accounting system.
- Insert zeroes where applicable
- If the Offeror's/Major Subcontractor's accounting system requires application of rates or burdens that differs from the structure presented in the example, the Offeror/Major Subcontractor shall modify the attachment to fit his/her accounting system and provide an explanation of the reason for and nature of the modification.
- For brevity and the purpose of demonstration only, the **Attachment 5-1** example provided reflects only those Level 2 WBS elements that the Government expects will be included. If, however, the Offeror's/Major Subcontractor's proposal includes additional Level 2 WBS elements that are not reflected in the example, the Offeror/Major Subcontractor shall add them as appropriate.
- Proposed Fee shall be proposed in accordance with Section B of the RFP.

ATTACHMENT 5-2: TOTAL COST BY WBS

The Offeror shall provide the proposed contract cost for CLIN 0001 for the Offeror, major subcontractors, and a total of other subcontractors that totals the Prime, major subcontractors and other subcontractors. The Offeror shall follow the format of the WBS provided in **Attachment 5-2**. Costs shall be provided to at least the WBS Level provided in **Attachment 5-2**. The Offeror is free to expand the WBS, however, if the Offeror's proposed contract cost is developed at levels below those specified, the Offeror shall provide those lower level estimates and ensure traceability to the WBS. If the Offeror's proposed contract cost are developed at levels higher than specified above, the Offeror shall provide the estimates at the level at which they were developed, and provide the methodology and justification for allocating costs to the required level. All WBS cost elements shall be burdened without G&A and Fee. **Attachments 5-5, 5-6, 5-7 and 5-8** shall sum to the costs listed in **Attachment 5-2**. The Offeror shall include subcontractor cost totals in its Attachment 5-2 submission to the Government. This shall be accomplished by adding additional rows to the fourth level WBS to segregate the Prime Offeror, Major Subcontractor, and other subcontractor costs. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-2 matches the total used in the Offeror's Attachment 5-2.

Note that unless otherwise stated, all attachments are to be completed to at least the WBS levels provided in **Attachment 5-2**.

ATTACHMENT 5-3: PROGRAM SUMMARY REPORT

The Offeror shall provide a Program Summary Report for CLIN 0001 (**Attachment 5-3**) for the Offeror, each Major Subcontractor, and a total of other contractors. The sum of the WBS elements shall correspond to the Offeror's total proposed target cost/price. The Offeror shall include subcontractor cost totals in its Attachment 5-3 submission to

the Government. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-3 matches the total used in the Offeror's Attachment 5-3.

ATTACHMENT 5-4: LABOR HOURS BY WBS

The Offeror shall populate the template provided in **Attachment 5-4** (Labor Hours by WBS) for the Offeror, each Major Subcontractor, and a total of other contractors in accordance with the following instructions:

The completed templates shall follow the traditional parent-child WBS format (i.e. those WBS elements in Level 1 of the template shall be the sum of those WBS elements in Level 2 and the WBS elements in Level 2 shall be the sum of those in Level 3, etc.). The contractor-completed templates shall each contain the same WBS elements to at least the same WBS Level provided in **Attachments 5-4 and 5-5** (that is, the same WBS shall exist in each of the worksheets within a workbook, and across workbooks to the level specified in **Attachments 5-4 and 5-5**). If there are no costs associated with a certain WBS element, the contractor shall place a zero in the appropriate cell(s) as a placeholder. This data shall be provided in Microsoft Excel spreadsheet format with formulas in place to perform the necessary summing functions. The Offeror shall include subcontractor labor hour totals in its Attachment 5-4 submission to the Government. This shall be accomplished by adding additional rows to the fourth level WBS to segregate the Prime Offeror, Major Subcontractor, and other subcontractor costs. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-4 matches the total used in the Offeror's Attachment 5-4.

The Offeror/Major Subcontractor shall provide definitions of all functional labor categories referred to in this proposal.

Additionally, the Offeror and each Major Subcontractor shall provide a table of the following conversions, specific to its respective accounting system (contractor format). Conversions shall be provided for each labor category and site that is used in the proposal. If the conversions do not differ by labor category or site, the Offeror/Major Subcontractor shall clearly state so.

- Number of direct labor hours per Manmonth
- Number of direct labor hours per Manyear

ATTACHMENT 5-5: LABOR DOLLARS BY WBS

The Offeror shall populate the template provided in **Attachment 5-5** (Labor Dollars by WBS) for the Offeror, each Major Subcontractor, and a total of other contractors, in accordance with the following instructions:

The completed templates shall follow the traditional parent-child WBS format (i.e. those WBS elements in Level 1 of the template shall be the sum of those WBS elements in Level 2 and the WBS elements in Level 2 shall be the sum of those in Level 3, etc.). The contractor-completed templates shall each contain the same WBS elements to at least the same WBS Level provided in **Attachments 5-5** (that is, the same WBS shall exist in each of the worksheets within a workbook, and across workbooks to the level specified in **Attachments 5-5**). If there are no costs associated with a certain WBS element, the contractor shall place a zero in the appropriate cell(s) as a placeholder. This data shall be provided in Microsoft Excel spreadsheet format with formulas in place to perform the necessary summing functions. The Offeror shall include subcontractor labor dollar totals in its Attachment 5-5 submission to the Government. This shall be accomplished by adding additional rows to the fourth level WBS to segregate the Prime Offeror, Major Subcontractor, and other subcontractor costs. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-5 matches the total used in the Offeror's Attachment 5-5.

ATTACHMENT 5-6 and 5-7: MATERIAL DOLLARS BY WBS/SUBCONTRACTOR DOLLARS BY WBS

The contractor shall populate the templates provided in (**Attachments 5-6 & 5-7**) for the Offeror, each Major Subcontractor, and a total of other contractors, in accordance with the following instructions:

The completed templates shall follow the traditional parent-child WBS format (i.e. those WBS elements in Level 1 of the template shall be the sum of those WBS elements in Level 2 and the WBS elements in Level 2 shall be the sum of those in Level 3, etc.). The contractor-completed templates shall each contain the same WBS elements to at least the same WBS Level provided in **Attachments 5-6 through 5-7** (that is, the same WBS shall exist in each of the worksheets within a workbook, and across workbooks to the level specified in **Attachments 5-6 through 5-7**). If there are no costs associated with a certain WBS element, the contractor shall place a zero in the appropriate cell(s) as a placeholder. This data shall be provided in Microsoft Excel spreadsheet format with formulas in place to perform the necessary summing functions. The Offeror shall include subcontractor material dollar/subcontractor dollar cost totals in its Attachment 5-6 and 5-7 submission to the Government. This shall be accomplished for Attachment 5-6 only by adding additional rows to the fourth level WBS to segregate the Prime Offeror, Major Subcontractor, and other subcontractor costs. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-6 and 5-7 matches the total used in the Offeror's Attachment 5-6 and 5-7.

ATTACHMENT 5-8: OTHER DIRECT COST BY WBS

The contractor shall populate the templates provided in **Attachment 5-8** (ODC Dollars by WBS) for the Offeror, each Major Subcontractor, and a total of other contractors in accordance with the following instructions:

The completed templates shall follow the traditional parent-child WBS format (i.e. those WBS elements in Level 1 of the template should be the sum of those WBS elements in Level 2 and the WBS elements in Level 2 should be the sum of those in Level 3, etc.). The contractor-completed templates shall each contain the same WBS elements to at least the same WBS Level provided in **Attachments 5-8** (that is, the same WBS shall exist in each of the worksheets within a workbook, and across workbooks to the level specified in **Attachment 5-8**). If there are no costs associated with a certain WBS element, the contractor shall place a zero in the appropriate cell(s) as a placeholder. This data shall be provided in Microsoft Excel spreadsheet format with formulas in place to perform the necessary summing functions. NOTE: Include Travel Dollars with ODC. The Offeror shall include subcontractor ODC cost totals in its Attachment 5-8 submission to the Government. This shall be accomplished by adding additional rows to the fourth level WBS to segregate the Prime Offeror, Major Subcontractor, and other subcontractor costs. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-8 matches the total used in the Offeror's Attachment 5-8.

Other direct costs (ODCs) are defined as costs not previously identified as a direct material cost, direct labor cost, or indirect cost. In other words, other direct cost (ODC) is a cost that can be identified specifically with a final cost objective that the Offeror does not treat as a direct material cost or a direct labor cost. Examples of the types of cost that are commonly included as other direct costs include: Travel, Special tooling and test equipment, Computer services, Consultant services, Travel, Federal excise taxes, Royalties, Preservation, packaging, and packing costs, Preproduction costs. These amounts are non-fee bearing and are all inclusive (including contractor burdens such as General & Administrative expense, etc.) and are associated with a specific Cost Type CLIN.

ATTACHMENT 5-9: BILL OF MATERIAL (BOM)

The Offeror shall provide a list of the BOM (**Attachment 5-9**) broken out by WBS, as defined in **Attachment 5-2**, for each Major Subcontractor and a summary for all items that constitute 80% of the BOM costs (including IDTs for Material). There shall be traceability between the BOM and BOE by WBS. The BOM shall be complete and represent the configuration on which the Offeror/Major Subcontractor bases their cost. Equivalent Offeror/Major Subcontractor formats may be used for information required in **Attachment 5-9**, however, precise instructions must be provided by the Offeror/Major Subcontractor showing traceability to the Government attachment. Provide the total dollar value of the remaining percent not included in the BOM for traceability. The Offeror shall include subcontractor BOM cost totals in its Attachment 5-9 submission to the Government. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-9 matches the total used in the Offeror's Attachment 5-9.

The BOMs shall include the following (**Attachment 5-9**):

- WBS Number

- WBS Element Description
- Item Description
- Vendor Identification
- Basis of Price (i.e. Written quote, Verbal quote, Estimate, Analogy, FFP, Historical Actuals, etc.)
- Basis of Requirement - how do you know you need this item? (i.e. drawing, engineering estimate, similar program)
- Identification of whether the part is make, sole source or competitively procured
- Identification of Cost Category (i.e., Raw Material, Purchased Part, Purchased Equipment, Subcontract, and IDTs)
- Quantity
- Unit price
- Total Extended \$ without burden
- Total Recurring \$
- Total Nonrecurring \$
- Long Lead (check marks)

Long lead items shall be noted with a check mark. Additionally, **Attachment 5-9** shall also be completed identifying Long Lead material only.

Any burdens associated with BOM shall be included in the **Attachment 5-1**.

ATTACHMENT 5-10: LIST OF ANALOGOUS PROGRAMS

The Offeror shall provide a list of subcontracts, if any, which are not included in the BOM. This includes IDTs for services, List of Historical Analogous Programs (**Attachment 5-10**)

The Offeror/Major Subcontractor shall provide a collection of narrative summary descriptions of all analogous programs used throughout the proposed estimates contained in CLIN 0001. These narrative descriptions shall contain, at a minimum, the following information:

- Name of the program
- Name of the customer (such as a commercial company or Government agency)
- The total value of the program as well as the total value of the Offeror's/Major Subcontractor's contribution to that program (in cases where those are not one and the same),
- A top level delivery schedule of both the total program and the Offeror's/Major Subcontractor's contribution where those are not one and the same.

ATTACHMENT 5-11: SOFTWARE INFORMATION

For each of the WBS elements in the contract cost/price, the Offeror shall provide nonrecurring software information included in **Attachment 5-11** for the Offeror, each Major Subcontractor, and a total of other contractors. This information shall be provided for any element in the proposal where software development is included in the estimate. The Offeror shall include subcontractor software development cost totals in its Attachment 5-11 submission to the Government. The Offeror and Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-11 matches the total used in the Offeror's Attachment 5-11. If relevant analogous programs are used for substantiation, then the Offeror/Major Subcontractor shall provide the following data:

- Equivalent source lines of code in units
- Productivity rate (provide insight on how the numeric data was derived) per man-month/man-hours
- Effort in man-months/man-hours
- Description of Effort (i.e. development, reuse, etc.)
- Actual development, maintenance and rework (if applicable) cost in Then-Year dollars (TY\$)
- Development schedule

- Description of personnel environment and technical attributes
- The percentage of responsibility with the specific analogous program, summary of why it is relevant to GPNTS, and provide ground rules & assumptions (i.e. hours per month).

Since the definitions of what activities are (or are not) included in software development may differ from one company to the next, the Offeror/Major Subcontractor shall clearly explain what activities are reflected in the proposed effort(s) as well as in the analogous program(s).

If the Offeror/Major Subcontractor uses a commercially available software-modeling tool for either substantiation or as a cross-check, the populated software cost model shall be provided.

The Offeror/Major Subcontractor shall describe how much of the software is off-the-shelf, modified off-the-shelf (provide details as to the extent of modifications), reused code, and newly developed code. The Offeror/Major Subcontractor shall describe the anticipated programmer productivity by comparing productivities experienced on analogous programs and indicating the programming languages used. The Offeror/Major Subcontractor shall clearly indicate what phases from the list below (taken from the SRDR DD Form 2630-3) are included in the productivity factors. If using a COTS software product to estimate software, all parameters used shall be provided.

- Software Requirements Analysis
- Software Architecture and Detailed Design
- Software Coding and Unit Testing
- Software Integration and System/Software Integration
- Software Qualification Testing
- Software Development Test and Evaluation
- Other Direct SW Development Efforts

Information to be provided shall also include the lines of code per element, the methodology for the estimated lines of code, and the WBS element(s) under which development costs are included. The definition of a "line of code" shall be provided in terms of the language in which it is written and identification of host hardware.

The Proposal WBS does indicate where software development may occur, however, the Offeror/Major Subcontractor shall include and identify software costs where appropriate (all applicable WBS elements, **not** limited to just the elements labeled as "software") in the WBS elements included in **Attachment 5-2** and shall demonstrate the traceability of these costs to the data captured in **Attachment 5-11**.

The Government realizes that the Offeror's/Major Subcontractor's proposed design may utilize alternative technical solutions for software development. If Application Specific Integrated Circuits (ASICs) or similar software-intensive hardware items are part of the proposed design, the Offeror/Major Subcontractor shall provide a narrative description, to include associated costs and technical complexity, which addresses the following issues:

- Design specification development
- Logic design development
- Verification
- Physical design
- Fabrication of the chip
- Testing and Qualifications
- The percentage of ASIC cost accounted for by each of the above efforts
- The number of chips designed and their associated recurring & nonrecurring costs
- The integration cost of ASICs developed by the Offeror/Major Subcontractor, or procured as COTS

Also, if the Offeror/Major Subcontractor plans to utilize other approaches that will streamline the software development effort (e.g. "turbo" code), the Offeror/Major Subcontractor shall ensure that those approaches and their associated costs are fully substantiated.

CONTRACTOR RATES (applicable to CLINs 0001, 1005, 2005, 3005, 4005, 5005 and 6005). The Offeror and each major subcontractor shall provide the rates used in the proposed cost in accordance with the format described

in this section. Due to the proprietary nature of company rates, this information may be presented separately for each Offeror and major subcontractor. A trace to the cost reimbursable CLINs shall be included to ensure the proper application of the rates. The Offeror shall use Government Fiscal Year (GFY) rates in developing the estimate. If for accounting purposes, the Offeror uses a yearly base different from the GFY base, a detailed description is required.

ATTACHMENT 5-12: INDIRECT RATES (applicable to CLINs 0001, 1005, 2005, 3005, 4005, 5005 and 6005)

The Offeror and major subcontractors shall submit the indirect rates used in the proposal. Sample indirect rate accounts are listed below.

- Engineering Overhead
- Manufacturing Overhead
- General & Administrative (G&A)
- Material Handling Overhead
- Facilities Capital Cost of Money (FCCM)

The Offeror and major subcontractors shall include a projection of indirect rates that assumes the award and inclusion of the GPNTS contract in the business base. Any changes to the current Forward Pricing Rate Agreement (FPRA) indirect rates due to variation of the business base or other factors impacting the rates shall be fully described and justified.

The Offeror and major subcontractors shall describe and substantiate the development of composite indirect rates that represent a combination of company labor categories, functional elements, or Government Fiscal Year accounts. Furthermore, the Offeror and major subcontractors shall submit detailed definitions for each indirect rate account (overhead pool). Definitions shall identify for each account: (1) the specific costs that accrue to it and (2) a breakout of the top 80% of the costs. If the Offeror has a Forward Pricing Rate Agreement (FPRA) or a Forward Pricing Rate Proposal (FPRP) which has been approved by DCAA for use on proposal submission the Offeror is not required to describe, substantiate or provide definitions of indirect rates. The Offerors shall identify the effective date of the FRPA/FPRP that is in place at the time of proposal submission.

ATTACHMENT 5-13: DIRECT RATES (applicable to CLINs 0001, 1005, 2005, 3005, 4005, 5005 and 6005)

The Offeror and major subcontractors shall provide the most current rates, for each cost center, that are in effect at the time of proposal submission. This shall include the current FPRA direct labor rates, the projected direct labor rates assuming contract award, the current company labor categories, and the mix of company labor categories proposed for this contract. The Offeror and major subcontractors shall document the development of composite direct rates, which represent a combination of company labor categories, functional elements, or Government Fiscal Year accounts. In addition, the Offeror and major subcontractors shall submit detailed definitions for each direct labor category. The Offeror and major subcontractors shall also include the basis for any projected annual increases and any other factors applied to direct rates. If the Offeror has a Forward Pricing Rate Agreement (FPRA) or a Forward Pricing Rate Proposal (FPRP) which has been approved by DCAA for use on proposal submission the Offeror is not required to document the development of, provide definitions, or include a basis for direct rates. The Offerors shall identify the effective date of the FRPA/FPRP that is in place at the time of proposal submission.

Using the rates identified in **Attachments 5-12 and 5-13**, the Offeror and subcontractors shall price the labor mix provided in the ESS Summary paragraph. The Offeror shall segregate the hours the prime will perform and each subcontractor will perform.

ATTACHMENT 5-14: ESS SUMMARY (Applicable to option CLINs 1005, 2005, 3005, 4005, 5005, and 6005)

The Offeror and all Subcontractors shall provide information to support evaluation of the labor mix for the ESS CLINs identified in the ESS summary paragraph. For evaluation of ESS pricing the Offeror and all Subcontractors shall provide the direct and indirect costs for both the prime contractor and all subcontractor. The Offeror shall include subcontractor cost totals in its Attachment 5-14 submission to the Government. The Offeror and

Subcontractor shall work together to ensure the total from the Subcontractor Attachment 5-14 matches the total used in the Offeror's Attachment 5-14.

Pricing Information for LRIP and FRP (Applicable to Option CLINs 1000-1002, 2000-2002, 3000-3002, 4000-4002, 5000-5002 and 6000-6002, if options are exercised.)

The Offeror shall provide information to support evaluation of the unit prices proposed for the LRIP an FRP hardware quantities indentified in Section B of the RFP. For evaluation of LRIP hardware pricing, the offeror shall provide a narrative description of its pricing approach for the quantities contained in Section B, including the estimating techniques used, learning curve assumptions, quantity discounts, and formulas applied to derive the prices.

For the FRP hardware, the Offeror shall provided a narrative description of its pricing approach for the FRP quantities provided in Section B, including the estimating techniques used, learning curve assumptions, quantity discounts, and formulas applied to derive the prices.

The price for each GPNTS configuration shall include all material costs, subcontract costs, other direct costs (to include license fees for use of commercial components, if applicable), direct and indirect engineering and manufacturing labor costs, inclusive of, but not limited to, systems engineering, program management, and configuration and data management activities, other indirect costs included in approved Forward Pricing Rate Agreements, and profit. The learning curve may also include escalation.

3.3 VOLUME III – CONTRACT DOCUMENTS

This volume is the Offeror's contractual commitment, complete in every respect and ready for acceptance by the Government. The Offeror's proposal shall be signed by a company official having actual authority to bind the contractor contractually. Use contract number N00039-10-R-0032 everywhere a contract number is required.

3.3.1 SECTION A – COVER LETTER, SIGNATURE PAGE (SF33), COMPLETED SECTIONS B-K

The cover letter/signature page shall state that the proposal will remain valid for no less than 300 calendar days from the date the proposal is due. An executive of the company who possesses actual authority to contractually bind the Offeror shall sign the cover letter/signature page.

If the Offeror takes any exceptions to solicitation, those exceptions shall be provided in the cover letter of the Contract Volume. The Offeror shall provide a full explanation for all exceptions taken to the solicitation. Each exception shall be referenced to the applicable paragraph or contract line item number. Any material exceptions to the RFP may render the proposal unacceptable and ineligible for award on initial proposals.

The Space and Naval Warfare Systems Command (SPAWAR) may use non-Government personnel for tasks, which are administrative in nature to support this evaluation. The Government currently plans to use personnel from Booz Allen Hamilton. **Offerors shall expressly grant the Government permission to provide copies of all portions of their proposals to Booz Allen Hamilton in their cover letter.** Offerors that object to this organization assisting the Government with administrative tasks during the evaluation process shall expressly state such objections in their cover letter.

The offeror's proposal shall include a cover letter on the offeror's letterhead stationery and signed by an executive of the company who possesses authority to contractually bind the offeror. The cover letter shall acknowledge receipt of all amendments (if any are issued) to the RFP. The submittal letter shall identify all enclosures being transmitted as part of the response to the RFP. The letter shall reference the RFP number and acknowledge that it transmits an offer in response to the RFP. It shall state: (1) Commercial and Government Entity (CAGE) number, (2) Data Universal Numbering System (DUNS) Number, (3) Taxpayer Identification Number (TIN), (4) address(es) of the location(s) at which the offeror intends to perform the proposed effort, (5) state the name, address and telephone number of the cognizant DCAA audit office, (6) the name, address and telephone number of the cognizant Defense Contract Management Command (DCMC) office, and (7) a statement that the proposal is valid for no less

than **300 calendar days** after the date established for receipt of offers. Prime contractors shall ensure that all first tier subcontractors include the information (items 1-7) in their cost proposal submission to the Government.

The offeror’s proposal shall provide a completed RFP to include completed SF33 and Sections B – K.

3.3.2 SECTION B – SECURITY CLEARANCE LEVELS

Offerors must document that facilities and personnel proposed to perform this contract and requiring access to classified material as required by the contract possess at a minimum the security clearance levels required by the RFP (DD Form 254).

3.3.3 SECTION C – PROPRIETARY DATA PROTECTION AGREEMENTS (PDPAs)

In accordance with solicitation provision “Notification of use of Contractor Support”, offerors shall provide fully executed PDPAs between the Offeror and Booz Allen Hamilton in which the Offeror agrees to allow access to its proposal by employees of Booz Allen Hamilton who work under support contracts to PMW/A 170 and which obligate the support personnel from these companies to protect such data from unauthorized use or disclosure in accordance with the terms of the agreements.

3.3.4 SECTION D – ORGANIZATIONAL CONFLICT OF INTEREST (OCI) MITIGATION PLAN(S)

The Offeror shall submit draft versions of any required OCI Mitigation Plans, consistent with the guidance contained in the “Organizational Conflict of Interest” section in Section L.

3.3.5 SECTION E – SMALL BUSINESS SUBCONTRACTING PLAN

Offerors, unless otherwise exempt, due to being a small business concern or a company performing outside of any State, territory, or possession of the United States, the District of Columbia, and the Commonwealth of Puerto Rico, shall, in accordance with FAR 19.7 and FAR 52.219-9, submit a Small Business Subcontracting Plan (or approved comprehensive plan), as part of Volume III. Failure to submit and negotiate a subcontracting plan acceptable to the Contracting Officer shall make the offer ineligible for award of a contract.

3.3.6 SECTION F – FOREIGN OWNED SUBCONTRACTORS

The proposed Offeror shall identify any and all potential foreign-owned subcontractors they intend to team with for the procurement in the following format:

Name of Subcontractor:	
Country of Origin:	
Date of executed Technical Assistance Agreement (TAA):	

The Offeror shall provide a copy of the executed TAA within the Contracts Volume. In the event that a TAA is not in place at the time of proposal submission, the Offeror shall provide a copy of a draft TAA for Government review. The Offeror shall ensure that the TAA will be in place prior to the award of the contract. The Offeror shall ensure all applicable subcontractor flow down clauses are complied with by the all subcontractors, including foreign-owned.

(End of provision)

SECTION M - EVALUATION FACTORS FOR AWARD

The following have been modified:

M-307 EVALUATION CRITERIA AND BASIS FOR AWARD (BEST VALUE) (DEC 1999)

(a) The contract resulting from this solicitation will be awarded to that responsible offeror whose offer conforming to the solicitation, is determined to provide the “best value” to the Government. Such offer may not necessarily be the proposal offering the lowest cost or receiving the highest technical rating.

(b) Proposals will be rated and ranked on the evaluation factors listed below. It should be noted that cost is not a numerically weighted factor. Although technical factors are significantly more important than cost, cost is an important factor and should be considered when preparing responsive proposals. The importance of cost as an evaluation factor will increase with the degree of equality of the proposals in relation to the remaining evaluation factors. When the offerors within the competitive range are considered essentially equal in terms of technical capability, or when cost is so significantly high as to diminish the value of the technical superiority to the government, cost may become the determining factor for award. In summary, cost/technical trade-offs will be made, and the extent to which one may be sacrificed for the other is governed only by the tests of rationality and consistency with the established evaluation factors.

(c) The Government intends to award a contract without discussions as permitted by FAR 15.306(a) and 52.215-1. Therefore offerors are cautioned not to submit an offer which takes exception to any term or condition of the RFP or imposes any additional condition or omits any required information. The Government reserves the right to conduct discussions and to permit offerors to revise their proposals if it is determined to be in the best interest of the Government.

Note that the Government will not award a contract to an Offeror’s team that has an organizational conflict of interest unless an approved mitigation plan is on file with the Contracting Officer.

(d) Evaluation of an offeror’s proposal shall be based on the information presented in the proposal and information available to the contracting office from sources deemed appropriate. Sources typically considered Defense Contract Audit Agency, Defense Contract Management Administration offices, other contracts with same firms for similar items or services, known commercial sources such as Data Resources, Inc., Standard and Poor, etc. Proposals which are unrealistic in terms of technical or schedule commitments, or unrealistically high or low in terms of cost, may be deemed to be reflective of an inherent lack of technical competence, or indicative of a failure to comprehend the complexity and risks of the proposed work and may be grounds for rejection of the proposal. If the proposed contract requires the delivery of data, the quality of organization and writing reflected in the proposal will be considered to be an indication of the quality of organization and writing which would be prevalent in the proposed deliverable data. Subject judgment on the part of the Government evaluators is implicit in the entire process.

(e) The relative importance of the factors/subfactors is as follows:

Factors 1 – 5 are in descending order of importance: Factor 1 (Technical Approach) is more important than Factor 2 (Technical Data Rights); Factor 2 (Technical Data Rights) is more important than Factor 3, (Management Approach); and Factor 3 (Management Approach) is more important than Factor 4, (Relevant Past Performance); Factor 4, (Relevant Past Performance) is more important than Factor 5, (Small Business Participation). Factors 1, 2, 3, and 4 when combined are significantly more important than Factor 5. Factors 1-5, when combined, are significantly more important than Factor 6 (Cost/Price).

Within Factor 1 (Technical Approach), Subfactors 1-5 are in descending order of importance with Subfactor 1 (System Design) more important than Subfactor 2 (Software Development Approach); Subfactor 2 (Software Development Approach) more important than Subfactor 3 (Information Assurance (IA) Approach); Subfactor 3 more important than Subfactor 4 (Test and Evaluation (T&E) Approach); Subfactor 4 (Test and Evaluation (T&E) Approach) more important than Subfactor 5 (Integrated Logistics Support Approach).

Within Factor 3 (Management Approach), Subfactors 1 and 2 are in descending order of importance with Subfactor 1 (Integrated Master Schedule/Integrated Master Plan) more important than Subfactor 2 (Program Management Approach).

(f) The evaluation factors and subfactors are as follows:

3.1.1 FACTOR 1 – TECHNICAL APPROACH: The Government will evaluate the Offeror’s proposed Technical Approach (hardware and software) to design, develop, and test the GPNTS system. The Technical Approach factor contains the following five (5) subfactors:

3.1.1.1 Subfactor 1.1 – System Design. The Government will evaluate the extent to which the Offeror’s GPNTS system design (hardware and software) meets the threshold requirements of the GPNTS Technical Requirements Document (TRD) for the following GPNTS System Elements:

- (a) Real Time Component (RTC) (TRD Section 3.3)
- (b) System Access Component (SAC) and Indirect SAC (TRD Section 3.4; TRD Appendix B)
- (c) Time and Frequency Component (TFC) (TRD Section 3.5)
- (d) GPS Receiver Module (TRD Section 3.6)
- (e) Crypto Distribution (TRD Appendix A)

The Government will also evaluate the extent to which the Offeror’s GPNTS design satisfies the requirements for the multiple configurations identified in TRD Section 3.10.

The Government will evaluate the extent to which the Offeror’s system design (hardware and software) addresses open architecture tenets and employs a modular, standards-based open systems approach, as well as the extent to which the offeror’s design incorporates the design tenets of interoperability, extensibility, maintainability, and composeability. The Government will evaluate the Offeror’s approach for selecting and adhering to the standards it selected for inclusion in its system design. The Government will evaluate the extent to which the interfaces selected will accommodate technology insertion (hardware and software) and facilitate the reuse of alternative or reusable modular system elements.

If the Offeror proposes to reuse existing software as part of its design, the Government will evaluate the rationale for the software that was selected for reuse.

The Government will evaluate the extent to which the offeror’s system design minimizes reliance on proprietary, vendor unique, or closed software and/or hardware elements and the extent to which the use of proprietary, vendor unique or closed elements hinder the Government’s ability to do the following (see list below). In the event that proprietary, vendor unique, or closed elements are included in the offeror’s system design, the Government will evaluate the offeror’s justification for selection of such components. The offeror will receive favorable consideration for proposing a system design that minimizes reliance on proprietary, vendor unique, or closed elements.

- Enable Government to separately purchase its own equipment and assemble GPNTS configurations in Government labs;
- Enable third party Government or contractor teams to integrate additional hosted applications;
- Enable third party Government or contractor teams to do LRIP/Full Rate Production installations;
- Enable third party Government or contractor teams to perform ISEA functions;
- Enable hand off of design documents, install documents, and software to the LRIP/Full Rate Production contractor for production; and
- Enable hand off of design documents and software to the LRIP/Full Rate Production contractor for modifying and extending GPNTS design and GPNTS software.

The Government will evaluate the extent to which the Offeror’s system design incorporates Non-Developmental Items and COTS items to meet the GPNTS performance requirements.

3.1.1.2 Subfactor 1.2 - Software Development Approach - The Government will evaluate the offeror’s proposed software development approach to ensure it is appropriate for the system to be developed and meets standard levels of completeness and process quality. The Government will evaluate how the Offeror’s proposed processes are equivalent to CMMI Level capability level 3. For this evaluation, the Government will rely primarily on the draft SDP and the SDP Rationale.

The Government will evaluate the offeror's previous experience in developing software of the same nature as that being acquired with this solicitation. The Government will also evaluate the offeror's previous experience in developing software using the same or similar approach as proposed for this solicitation. The results of any standard model-based process maturity appraisals performed within 24 months prior to proposal submission, and the number of proposed staff experienced in using these processes will be part of the evaluation criteria.

3.1.1.3 Subfactor 1.3 - Information Assurance (IA) Approach. The Government will evaluate the extent to which the Offeror's proposed IA approach meets the requirements specified in Section 4.1.1.5 of the GPNTS SOW.

3.1.1.4 Subfactor 1.4 - Test & Evaluation (T&E) Approach. The Government will evaluate the extent to which the Offeror's T&E approach meets the requirements specified in Sections 4.1.9-4.1.9.5, 4.2.6-4.2.6.3 and 4.3.6-4.3.6.2 of the GPNTS SOW.

The Government will also evaluate the adequacy of the Offeror's proposed test facilities, and the offeror's approach for using modeling and simulation tools, and the rationale for any proposed Special Test Equipment.

3.1.1.5 Subfactor 1.5 - Integrated Logistics Support (ILS) Approach. The Government will evaluate the extent to which the Offeror's ILS approach meets the requirements specified in Sections 4.1.12-4.1.12.5 and 4.2.11 of the GPNTS SOW. The Government will evaluate the offer's approach for minimizing life cycle sustainment costs (hardware and software) for a 20 year period.

3.1.2 FACTOR 2 – TECHNICAL DATA RIGHTS: The Government will evaluate the extent to which the rights offered by the Offeror allow unimpeded, cost effective, installation, maintenance, production, operation and upgrade of the GPNTS system throughout its lifecycle; and allow for future competitive procurements of the GPNTS system. The Government will evaluate the extent to which the Offeror proposes to provide to the Government the rights to which the Government is entitled in accordance with DFARS 252.227-7013 and 252.227-7014, in the TD, CS and/or CSD to be delivered under the contract, including but not limited to engineering diagrams, analysis, reports and designs. In the event the Offeror proposes to deliver any commercial or noncommercial TD/CS/CSD with less than such rights as desired by the Government, the Government will evaluate the impact on the Government's ability to use, modify, release or disclose such TD, CS, and/or CSD.

The Offeror will receive favorable consideration for proposing to provide GPR, or better, as defined by DFARS 252.227-7013 and 252.227-7014 in TD, CS and/or CSD that might otherwise have been delivered with more restrictive rights in accordance with the DFARS data and software rights clauses contained in the solicitation. However, an Offeror will not be deemed non-responsive if it offers to provide rights more restrictive than GPR on any portion of the technical data, computer software, or computer software documentation to be delivered under this contract for which it is entitled to assert those restrictions pursuant to the DFARS clauses. The Government's goal of acquiring GPR is not a condition of award; rather it is a factor in the source selection decision.

3.1.3 FACTOR 3 - MANAGEMENT APPROACH. The Government will evaluate the Offeror's proposed management approach for the GPNTS design, development, and production efforts. The Management Approach factor consists of the following two subfactors.

3.1.3.1 Subfactor 3.1 - Integrated Master Plan (IMP)/Integrated Master Schedule (IMS). The Government will evaluate the extent to which the Offeror's proposed IMP identifies all activities required to complete the design and development required by CLIN 0001. The Government will also evaluate the extent to which the efforts identified in the IMP correspond to the content defined in the SOW and the IMS. The Government will evaluate the extent to which the Offeror's IMS identifies major program milestones, tasks, task interrelationships and dependencies, and task durations to meet the design and development requirements of CLIN 0001.

3.1.3.2 Subfactor 3.2 - Program Management Approach. The Government will evaluate the proposed program management approach for managing and directing the GPNTS design, development, and production efforts. This evaluation will include an assessment of the policies, plans, and procedures that will be used to manage cost, schedule, and performance risk. The Government will also evaluate the extent to which the Offeror’s proposed organizational structure supports the program management approach, and identifies lines of responsibility, authority, and communication through which design, development, and production activities will be managed, including the offeror’s approach for managing subcontractor efforts. The Government will evaluate whether the Offeror’s Earned Value Management System to be used is in accordance with DFARS clause 252.234-7001 Notice of Earned Value Management System and DFARS clause 252.234-7002 Earned Value Management System for CLIN 0001 only. The Government will also evaluate the extent to which the Offeror’s EVMS documentation or evidence shows Defense Contract Management Agency (DCMA) EVMS validation/acceptance and is in accordance with ANSI/EIA-748-B standards.

3.1.4 FACTOR 4 – RELEVANT PAST PERFORMANCE. The Government will evaluate the Offeror’s management, cost, and technical performance with the design, development, integration, production, and testing of the following (listed in descending order of relevance):

- (a) Military-grade positioning, navigation, and timing (PNT) systems for U.S. Navy applications.
- (b) Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems for U.S. Navy applications.
- (c) C4ISR systems for U.S. Department of Defense (DoD) applications.
- (d) C4ISR systems for foreign military applications.
- (e) Experience with large software development efforts for U.S. DoD applications.

The performance attributes the Government will assess include the Offeror’s record of conforming to contract requirements, the Offeror’s reputation for good workmanship; the Offeror’s record of forecasting and controlling costs, the Offeror’s record for adhering to contract schedules, the Offeror’s reputation for reasonable and cooperative behavior, and commitment to customer satisfaction.

The Government reserves the right to use past performance information obtained from sources other than the offeror. The Government does not assume the duty to search for data to cure the problems it finds in the information provided by the Offeror. The burden of proof of providing thorough and complete past performance information remains with the Offeror. The Offeror is cautioned that the Government may use past performance data provided by the Offeror in the development of performance risk assessments.

3.1.5 FACTOR 5 - SMALL BUSINESS COMMITMENT. The Government will evaluate the extent to which the offeror’s Small Business Subcontracting Plan complies with the following subcontracting goals:

<u>Small Business Categories</u>	<u>SPAWAR Target (Based upon % of subcontracted amount)</u>
Total Small Business (includes the below)	30%
Small Disadvantaged Business	5%
Woman-Owned Small Business	5%
Veteran-Owned Small Business	3%
HUBZone	3%
Service-Disabled Veteran Owned Small Business	3%

The Government will evaluate the extent to which the offeror’s most recent SF 294/ISR for each of the contracts identified in the proposal as “Past Performance”, or SF 295/SSR if the Offeror is, or was, a participant in the DoD Comprehensive Subcontracting Plan Test Program during the period of performance for the contracts identified, demonstrates a good faith effort to meet Small Business Subcontracting Plan goals set forth in those contracts. The Government will evaluate the extent to which the Offeror’s proposal demonstrates a commitment to utilize small business.

*Small Businesses include Small Disadvantaged Businesses, Women-Owned Small Businesses, Veteran Owned Small Businesses, Service Disabled Veteran Owned Small Businesses, HUB Zone Small Businesses, and Historically Black Colleges or Universities and Minority Institutions.

3.2 FACTOR 6 - COST/PRICE. The Government will perform an evaluation of all costs and prices proposed. This analysis will consist of cost analysis, cost realism analysis, and price analysis. Cost analysis and cost realism analysis will be performed on all firm and option cost reimbursement line items (except for the non-fee bearing ODC CLINs) in accordance with FAR 15.404-1(c) and FAR 15.404-1(d) respectively. Proposed costs may be adjusted for purposes of evaluation, based upon the results of the cost realism analysis. Price analysis will be conducted in accordance with FAR 15.404-1(b) on all firm fixed price line items. In addition to evaluating the prices proposed, the Government will evaluate the extent to which evidence of unbalanced pricing exists, either between CLINs or between different quantities within one CLIN that may render a proposal unacceptable.

In addition to easily identifiable cost adjustments, unrealistic cost proposals may result in a re-evaluation and concurrent rescoring of technical proposals. Such re-evaluation based on cost or probable cost analysis could negatively impact the technical rating and ranking of the proposal.

The Government will arrive at a total evaluated proposed cost/price for each proposal by adding: (1) the total evaluated Cost Plus Target Fee for CLIN 0001; (2) FFP data rights amounts (if any) for the CDRL items identified in the pricing tables in Section B; (3) the total evaluated or Cost-Plus-Fixed-Fee (for CLINs 1005, 2005, 3005, 4005, 5005, and 6005); (4) the not to exceed (NTE) ODC amounts provided in Section L for CLINs 0005, 1007, 2007, 3007, 4007, 5007, and 6007; (5) for LRIP options (CLINs 1000-1002) a total evaluated price for a best estimated quantity of two (2) GPNTS Configurations As, six (6) GPNTS Configurations Bs, and two (2) GPNTS Configurations Cs; (6) for FRP options (CLINs 2000-2002, 3000-3002, 4000-4002, 5000-5002, and 6000-6002) a total evaluated price for a best estimated quantity of four (4) GPNTS Configuration As, twelve (12) GPNTS Configuration Bs, and four (4) GPNTS Configuration Cs for each option year; (7) the not to exceed amounts provided in Section L for Provisioning Item Order CLINs (CLINs 1003, 2003, 3003, 4003, 5003, and 6003); and (8) the not to exceed amounts provided in Section L for upgrade kit CLINs (CLINs 1004, 2004, 3004, 4004, 5005, and 6004).

(End of provision)

(End of Summary of Changes)