

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 5
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 20-Jul-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-0012	
		X	9B. DATED (SEE ITEM 11) 01-Jul-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 <u>1</u> 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.) Description of this amendment continues on page two.				
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 20-Jul-2010

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

This amendment provides for the following changes to this solicitation:

1. Attachment 1, Statement of Work JTRS Bowman VHF Waveform (JBW) Software In-Service Support (Basic Contract) is hereby deleted and replaced with the attached to include reference to CDRL B035.
2. Exhibit A, CDRL (Basic Contract) is hereby amended to add CDRL B035, which is attached.
3. Attachment 2, Statement of Work SwISS JBW IA Task (Delivery Order 0001) is hereby deleted and replaced with the attached.
4. Exhibit B, CDRL (JBW IA Task-Deliver Order 0001) is hereby deleted and replaced with the attached.
5. Provision L-349, line beginning with "Additionally, the offeror shall...": Replace "three" with "two".
6. The following sections are changed as follows:

SECTION E - INSPECTION AND ACCEPTANCE

The following included by reference has been revised:

52.246-3	Inspection Of Supplies Cost-Reimbursement	MAY 2001
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SECTION I - CONTRACT CLAUSES

The following are added by reference:

52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	JUL 2010
52.222-99	Notification of Employee Rights under Federal Labor Laws	DEVIATION 2010- O0013)(June 2010)

The following included by reference have been revised:

52.230-6	Administration of Cost Accounting Standards	MAR 2008
252.225-7012	Preference For Certain Domestic Commodities	DEC 2008

The following included by full text has been revised:

252.211-7007 REPORTING OF GOVERNMENT-FURNISHED EQUIPMENT IN THE DOD ITEM UNIQUE IDENTIFICATION (IUID) REGISTRY (NOV 2008)

(a) Definitions. As used in this clause--

2D data matrix symbol means the 2-dimensional Data Matrix ECC 200 as specified by International Standards Organization/International Electrotechnical Commission (ISO/IEC) Standard 16022: Information Technology--International Symbology Specification--Data Matrix.

Acquisition cost, for Government-furnished equipment, means the amount identified in the contract, or in the absence of such identification, the item's fair market value.

Concatenated unique item identifier means--

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; e.g., the enterprise identifier along with the contractor's property internal identification, i.e., tag number is recognized as the serial number; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

Equipment means a tangible item that is functionally complete for its intended purpose, durable, nonexpendable, and needed for the performance of a contract. Equipment is not intended for sale, and does not ordinarily lose its identity or become a component part of another article when put into use.

Government-furnished equipment means an item of special tooling, special test equipment, or equipment, in the possession of, or directly acquired by, the Government and subsequently furnished to the Contractor (including subcontractors and alternate locations) for the performance of a contract.

Item means equipment, special tooling, or special test equipment, to include such equipment, special tooling, or special test equipment that is designated as serially managed, mission essential, sensitive, or controlled inventory (if previously identified as such in accordance with the terms and conditions of the contract).

Item unique identification (IUID) means a system of assigning, reporting, and marking DoD property with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items.

IUID Registry means the DoD data repository that receives input from both industry and Government sources and provides storage of, and access to, data that identifies and describes tangible Government personal property.

Material means property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end item. Material does not include equipment, special tooling, or special test equipment.

Reparable means an item, typically in unserviceable condition, furnished to the Contractor for maintenance, repair, modification, or overhaul.

Sensitive item means an item potentially dangerous to public safety or security if stolen, lost, or misplaced, or that shall be subject to exceptional physical security, protection, control, and accountability. Examples include weapons, ammunition, explosives, controlled substances, radioactive materials, hazardous materials or wastes, or precious metals.

Serially managed item means an item designated by DoD to be uniquely tracked, controlled, or managed in maintenance, repair, and/or supply systems by means of its serial number.

Special test equipment means either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in performing a contract. It consists of items or assemblies of equipment including foundations and similar improvements necessary for installing special test equipment, and standard or general purpose items or components that are interconnected and interdependent so as to become a new functional entity for special testing purposes. Special test equipment does not include material, special tooling, real property, or equipment items used for general testing purposes, or property that with relatively minor expense can be made suitable for general purpose use.

Special tooling means jigs, dies, fixtures, molds, patterns, taps, gauges, and all components of these items, including foundations and similar improvements necessary for installing special tooling, and which are of such a specialized nature that without substantial modification or alteration their use is limited to the development or production of particular supplies or parts thereof or to the performance of particular services. Special tooling does not include material, special test equipment, real property, equipment, machine tools, or similar capital items.

Unique item identifier (UII) means a set of data elements permanently marked on an item that is globally unique and unambiguous and never changes, in order to provide traceability of the item throughout its total life cycle. The term includes a concatenated UII or a DoD recognized unique identification equivalent.

Virtual UII means the UII data elements assigned to an item that is not marked with a DoD compliant 2D data matrix symbol, e.g., enterprise identifier, part number, and serial number; or the enterprise identifier along with the Contractor's property internal identification, i.e., tag number.

(b) Requirement for item unique identification of Government-furnished equipment. Except as provided in paragraph (c) of this clause--

(1) Contractor accountability and management of Government-furnished equipment shall be performed at the item level; and

(2) Unless provided by the Government, the Contractor shall establish a virtual UII or a DoD recognized unique identification for items that are--

(i) Valued at \$5,000 or more in unit acquisition cost; or

(ii) Valued at less than \$5,000 in unit acquisition cost and are serially managed, mission essential, sensitive, or controlled inventory, as identified in accordance with the terms and conditions of the contract.

(c) Exceptions. Paragraph (b) of this clause does not apply to--

(1) Government-furnished material;

(2) Repairables;

(3) Contractor-acquired property;

(4) Property under any statutory leasing authority;

(5) Property to which the Government has acquired a lien or title solely because of partial, advance, progress, or performance-based payments;

(6) Intellectual property or software; or

(7) Real property.

(d) Procedures for establishing UIIs. To permit reporting of virtual UIIs to the DoD IUID Registry, the Contractor's property management system shall enable the following data elements in addition to those required by paragraph (f)(1)(iii) of the Government Property clause of this contract (FAR 52.245-1):

(1) Parent UII.

(2) Concatenated UII.

(3) Received/Sent (shipped) date.

(4) Status code.

(5) Current part number (if different from the original part number).

(6) Current part number effective date.

(7) Category code ("E" for equipment).

(8) Contract number.

(9) Commercial and Government Entity (CAGE) code.

(10) Mark record.

(i) Bagged or tagged code (for items too small to individually tag or mark).

(ii) Contents (the type of information recorded on the item, e.g., item internal control number).

(iii) Effective date (date the mark is applied).

(iv) Added or removed code/flag.

(v) Marker code (designates which code is used in the marker identifier, e.g., D=CAGE, UN=DUNS, LD=DODAAC).

(vi) Marker identifier, e.g., Contractor's CAGE code or DUNS number.

(vii) Medium code; how the data is recorded, e.g., barcode, contact memory button.

(viii) Value, e.g., actual text or data string that is recorded in its human readable form.

(ix) Set (used to group marks when multiple sets exist); for the purpose of this clause, this defaults to "one (1)".

(e) Procedures for updating the DoD IUID Registry. The Contractor shall update the DoD IUID Registry at <https://www.bpn.gov/iuid> for changes in status, mark, custody, or disposition of items--

(1) Delivered or shipped from the Contractor's plant, under Government instructions, except when shipment is to a subcontractor or other location of the Contractor;

(2) Consumed or expended, reasonably and properly, or otherwise accounted for, in the performance of the contract as determined by the Government property administrator, including reasonable inventory adjustments;

(3) Disposed of; or

(4) Transferred to a follow-on or other contract.

(End of clause)

(End of Summary of Changes)

Joint Tactical Radio System Network Enterprise Domain

Statement of Work for JTRS Bowman VHF Waveform (JBW) Software In-Service Support



20 July 2010

Prepared for

Joint Program Executive Office (JPEO) Joint Tactical Radio System (JTRS)

1 Scope

1.1 Purpose

The purpose of this Statement of Work (SOW) is to support the Joint Program Executive Office (JPEO) Joint Tactical Radio System (JTRS) Network Enterprise Domain (NED) by providing Software In-Service Support (SwISS) for the JTRS Bowman VHF Waveform (JBW) software. The intent of the in-service support is to provide technical support, software maintenance/upgrades, and enhancements to baseline JBW software.

1.2 Background

The JTRS program consists of a series of joint acquisition activities, managed by JTRS program managers reporting to JPEO JTRS. The objective of JTRS is to develop, produce, integrate, and field a family of interoperable, digital, modular, software defined radios that operate as nodes in a network to ensure wireless communications and networking for mobile and fixed forces. Specifically, JTRS will have the ability to receive, transmit, and relay voice, data, and video. JTRS is being developed in a Joint environment, thus allowing maximum hardware and software commonality and reduced porting efforts across Service platforms. Through implementation of common waveforms, radios, software, and select ancillary component and network management equipment, JTRS will enable enhanced interoperability, reusability, supportability, and software portability, and will result in improved speed to capability, and more effective implementation of incremental capability improvements.

1.3 Period of Performance

The contract will include a five year base ordering period. Each individual delivery order will have a discrete period of performance.

1.4 Place of Performance

The primary place of performance shall be the Contractor's site. The Contractor also shall perform work at Government sites when necessary and/or directed by the Government. Contractor work at Government sites may include, but shall not be limited to short-term overnight trips as well as temporary or extended performance of work necessary to fulfill base contract or individual delivery order requirements.

1.5 Security

All work shall be performed in accordance with DoD and Navy Operations Security (OPSEC) requirements in accordance with the DD254.

Key personnel shall possess at least a SECRET security clearance at the time of contract award. The Contractor's facilities shall be secure to the SECRET level due to the classified nature of the work to be performed.

The nature of this contract requires access up to SECRET information. The work performed by the Contractor will include access up to SECRET data, information, and spaces. The Contractor will be required to attend meetings classified up to the SECRET level.

Note: If foreign travel is required, all outgoing Country/Theater clearance message requests shall be submitted to the SSC SD foreign travel team, OTC2, Room 1656 for action. A Request for Foreign Travel form shall be submitted for each traveler, in advance of the travel to initiate the release of a clearance message at least 35 days in advance of departure. Each Traveler must also submit a Personal Protection Plan and have a Level 1 Antiterrorism/Force Protection briefing within one year of departure, and a country-specific briefing within 90 days of departure.

2 Applicable Documents

Title	Reference
Software Communications Architecture Specification	Version 2.2.2, 15 May 2006
Software Communications Architecture Extensions	Version 2.2.2, 22 December 2006
JPEO JTRS Standards Standardization Plan	Version 2.0.1, 04 May 2010
JTRS Test and Evaluation Laboratory SCA Test and Evaluation Plan	Version 1.1, 6 January 2009
JTRS Test and Evaluation Laboratory Standard API Verification Plan	Version 1.0, 04 April 2008
JPEO JTRS Software Standards	Version 1.2.2, 01 October 2007
IEEE Std 12207-2008, Systems and Software Engineering — Software Life Cycle Processes	Std 12207-2008 Published 31 January 2008
IEEE/EIA 12207.1-1997, Standard for Information Technology – Software life cycle processes – Life Cycle Data	April 1998
JTRS Unified INFOSEC Criteria	Revision 2, 02 December 2005 (SECRET//NOFORN)
NSA Memo - Information Assurance Software Categorization Guidance	September 2009
NSA Memo – NSA Guidance for UIC SWD Requirements Within the Joint Tactical Radio System	March 2007
NSA Memo - Joint Tactical Radio System Unused Code Guidance	June 2006

Title	Reference
NSA Memo – NSA Position on the Use of Isolation Methods to Mitigate the Risk of non-UIC Compliant Software Within the JTRS Waveform Application	March 2009
NSA Memo - NSA Position on Cyclomatic Complexity for JTRS Software Development Efforts	November 2008
Network Enterprise Domain Software In-Service Support (SwISS) Plan	Version 1.1, 06 August 2008
JTRS NED T&E Waveform Portability Guidelines	Version 1.1, 26 June 2008
JPEO JTRS Enterprise Information Support Plan (E-ISP)	Version 1.1, 30 September 2008 (UNCLASSIFIED//FOR OFFICIAL USE ONLY)
Joint Tactical Radio System (JTRS) Information Repository (IR) User Registration Guide	Version 1.6, 07 May 2007
Enterprise Configuration Management Plan Version 1.3	Version 1.3 February 2010

3 SwISS Requirements

3.1 General

3.1.1 Overview

The Contractor shall provide technical support, software maintenance/upgrades, and enhancements for the JBW software. The Contractor shall execute structured software engineering and program management processes that facilitate effective and high-quality software development. The Contractor shall ensure that all changes, upgrades, and enhancements to baseline versions of the JBW software adhere to the applicable JTRS Application Programming Interfaces (APIs), JTRS Unified INFOSEC Criteria (UIC), JTRS NED Waveform Portability Guidelines, JTRS Software Standards, including JTRS Software Communications Architecture (SCA) compliance, and conformity to interoperability certification requirements.

3.1.2 Acceptance Criteria

The Contractor shall ensure that all Contractor-delivered products meet the criteria for Government acceptance of software corrective changes, upgrades, and enhancements. Specific acceptance criteria shall be established on a per delivery order basis, and may include but are not limited to the following:

- a) Successful conduct of Formal Qualification Test (FQT) / Regression Test
- b) No priority one, two, or three (as defined in the following table) problem reports open as specified per delivery order

Priority	Applies if a problem could
1	a) Prevent the accomplishment of an essential capability b) Jeopardize safety, security, or other requirement designated "critical"
2	a) Adversely affect the accomplishment of an essential capability and no work-around solution is known b) Adversely affect technical, cost, or schedule risks to the project or to life cycle support of the system, and no work-around solution is known
3	a) Adversely affect the accomplishment of an essential capability but a work-around solution is known b) Adversely affect technical, cost, or schedule risks to the project or to life cycle support of the system, but a work-around solution is known
4	a) Result in user/operator inconvenience or annoyance but does not affect a required operational or mission-essential capability b) Result in inconvenience or annoyance for development or maintenance personnel but does not prevent the accomplishment of the responsibilities of those personnel
5	Any other effect

- c) Changed, upgraded, or enhanced software is compliant with the JTRS SCA, the JTRS Standards Standardization Plan, the JTRS NED T&E Waveform Portability Guidelines, and the JTRS UIC
- d) Government approval of the deliverables, to include documentation required under individual delivery orders

The Government will determine when these criteria have been met and document this determination in the Government Independent Assessment Report.

3.2 Specific

Technical Support-CPFF The Contractor shall provide technical support for problem report/change request investigation and change proposal development, test environment support, porting support, and IV&V support. In addition, the Contractor may be tasked to monitor technology as it progresses and make recommendations to the Government for inclusion in the current baseline version of the software application. Recommendations shall include performance, schedule, and cost components, in accordance with the SwISS process outlined in the Network Enterprise Domain Software In-Service Support (SwISS) Plan.

3.2.1.1 Problem Report/Change Request Investigation and NED Change Proposal Development Support-CPFF

The Contractor shall investigate problem reports and change requests. The Contractor shall develop subsequent recommendations for change proposals. Recommendations shall include performance, schedule, and cost components, in accordance with the SwISS process outlined in the Network Enterprise Domain Software In-Service Support (SwISS) Plan.

3.2.1.2 Test Environment Support-CPFF

The Contractor shall provide and maintain a test environment and assets capable of testing current and future software configurations. The contractor shall support test events, demonstrations and experiments.

3.2.1.3 Porting Support CPFF

The Contractor shall provide software porting support to JTRS Product Line Program Management Offices (PMOs) or any other entity, as required under individual delivery orders:

- Assist in the review of documents (WDS, SRS, SDD, API, STP, STD, etc.)
- Support Integrated Product Team meetings/reviews (IPTs, SRRs, PDRs, CDRs, etc.)
- Support test events (dry runs, FQT, etc.)
- Utilize NED test resources to perform independent testing
- Assist in the identification/resolution of problem reports with regards to porting
- Provide liaison support between JTRS Product Lines and NED
- Provide Subject Matter Expert (SME) support as requested.

3.2.1.4 Independent Validation and Verification (IV&V) Support-CPFF

The Contractor shall provide technical Subject Matter Expert (SME) expertise as required to support Government IV&V of software modifications for the JBW waveform software.

3.2.2 Software Maintenance/Upgrades-CPIF

The Contractor shall make corrective changes, improvements, or upgrades to the software on a per delivery order basis as directed by the Government in order to:

- 1) Correct identified defects and deficiencies.
- 2) Improve performance or other attributes, or adapt the software to a modified environment (including re-porting). The Contractor shall re-port software as required. Re-porting shall be defined as re-integrating baseline software products into the JTRS radio hardware and operating environment software after software product maintenance/upgrades have been accomplished.
- 3) Incorporate new technologies, functionalities, and security upgrades.

Upgrades shall be defined as software changes required to improve an existing capability or functionality. The Contractor shall provide/update any or all of the CDRL items as specified per the maintenance/upgrade delivery orders.

3.2.3 Software Enhancements_CPIF

The Contractor shall enhance the software to incorporate new requirements or capability (including adapting the software to new operating environments (i.e. porting)) on a per delivery order basis as directed by the Government. An enhancement shall be defined as a new requirement or additional capability that changes a product.

The Contractor shall port the software as required. Porting shall consist of integrating the baseline software products into the JTRS radio hardware and operating environment software.

The Contractor shall provide/update any or all of the CDRL items as specified per the maintenance/upgrade delivery order.

3.2.4 Documentation (B006, B007, B008, B009, B010, B011, B012, B013, B014, B015, B016, B017, B018, B019, B020, B022, B023, B024, B025, B026, B035)

The Contractor shall update and maintain applicable software documentation, including the JBW documentation listed in Appendix A, when affected by software maintenance/upgrade or enhancement delivery orders. The Contractor shall provide additional documentation as required for larger upgrade and enhancement delivery orders as directed by the government.

3.2.5 Software Delivery

The Contractor shall deliver any software application releases to the NED Program Office

3.2.5.1 Model Delivery (CDRL B027)

The Contractor shall deliver any waveform models created as a part of waveform software upgrade or maintenance activities covered by sections 3.2.2 and 3.2.3 of this contract to the NED Program Office.

3.2.5.2 Test Bench/Vector Delivery (CDRL B027)

The Contractor shall deliver any waveform test benches or test vector software created as a part of waveform software upgrade or

maintenance activities covered by sections 3.2.2 and 3.2.3 of this contract to the NED Program Office.

3.2.6 Program Management

3.2.6.1 Contract Funds Status Report (CFSR) (CDRL A001)

The Contractor shall submit one quarterly CFSR (DD Form 1586) at the contract level that is inclusive of all delivery orders. The CFSR reporting level shall provide funding requirements and time-phased detail at the CLIN level, broken out by delivery order, as well as the total program. The Contractor shall reconcile the reporting elements in the CFSR with the WBS elements in the CPR when the documents are submitted in the same month. The reconciliation shall be provided as an addendum to the CPR submittal. All time phased data shall be prepared such that it is grouped to provide visibility into the Government fiscal year. If the program is incrementally funded, it may be necessary for the Contractor to provide increments at the beginning of the program or when Estimate at Completion (EAC) changes and/or contract modifications are implemented. The Contractor shall identify the elements of Termination Liability and Open Commitments in the notes section of the CFSR.

As required electronic submissions of the CFSR shall be made to the Earned Value Repository in accordance with the ANSI X.12 Standards or XML equivalent. (American National Institute, 839 Project Cost Reporting). The delivery of the final quarterly CFSR submission to DCARC shall be made by the Contractor by uploading the CFSR file into the DCARC Central Repository website at <https://ders.dcarc.pae.osd.mil/evm>.

The Contractor shall submit a MS Excel file for delivery to the JTRS NED Program Manager and Finance Analyst via a mutually agreeable method to be determined.

3.2.6.2 Management Plan (CDRL A002)

The Contractor shall provide a Management Plan (CDRL A002) to ensure the work under this contract is managed effectively and efficiently. The Management Plan shall ensure effective management of cost, schedule, and performance. The Management Plan shall include adherence to the SwISS process as outlined in the NED SwISS Plan. The Contractor shall ensure that the software technical support, maintenance/upgrade, and enhancement tasks are IAW DoD and JTRS policies and guidelines. The Contractor shall adhere to DoD policies with regard to test management, cost accounting, and quality assurance measures.

3.2.6.3 Contract Status Report (CSR) (CDRL A003)

The Contractor shall provide CSRs. The CSR shall include at a minimum:

- Progress/status reporting against contract deliverables.
- A running history of progress in meeting schedules, including a brief description of activities and accomplishments during each reporting period.
- A Risk Matrix, maintained by the Contractor that identifies design, schedule, technical, resources, and other program element risks. The Risk Matrix shall be updated with each monthly CSR.
- Software metrics as specified per delivery order.
- Program Staffing (plan vs. actual)

If a CFCSR is not required the Contractor will include financial data in the CSR. The format and content of the data will be determined based on review of the Contractor's internal reporting and agreed to at the Post Award Conference (PAC). As a minimum, that data would include:

- Actuals to Date
- Time phased Estimate to Complete
- Estimate at Completion
- Performance to date, i.e., Percent work complete

The Contractor shall use the CSR to propose updates and changes, and document slippages to the deliverables schedule. Government acceptance of the CSR does not indicate concurrence with the CSR content or proposed changes to schedule(s).

3.2.6.4 Contract Performance Report (CDRL A004)

As required by a specific delivery order, the Contractor shall submit monthly CPR in an electronic format. The CPR shall implement an EVMS, using ANSI/EIA-748-B as guidance to manage, monitor, and measure cost, schedule, and performance. The CPR shall comply with the requirements of DFARS clauses 252.234-7001 and 252.234-7002. The Contractor shall ensure that the assumptions and content of the EAC and Budget at Completion (BAC) contained in the CPR are consistent for each submittal. The Contractor shall provide the Government with written explanations for EAC changes as a result of comprehensive EAC updates within the Contractor's management system. The Contractor shall track EAC changes from the baseline BAC during the period of performance of the program. Significant EAC changes shall be incorporated into PMR presentations or sidebar discussions for management review. As required electronic submissions of the CPR shall be made to the Earned Value Repository in accordance with the ANSI X.12 Standards or XML equivalent. (American National Institute, 839 Project Cost Reporting). Winsight is the preferred format. The delivery of the final CPR submission to DCARC shall be made by the Contractor by uploading the CPR XML

file into the DCARC Central Repository website at <https://ders.dcarc.pae.osd.mil/evm>. The Contractor shall also submit an EVM backup file, containing historical EVM performance to the Repository. Specific instructions and registration information is provided at this website. In addition, an MS Excel submission of the CPR shall be made to the JTRS NED Program Manager and EVM Analyst via a mutually agreeable method to be determined.

3.2.6.5 Integrated Master Schedule (IMS) (CDRL A005)

When required by a specific delivery order the Contractor shall develop and maintain an IMS by logically networking detailed program activities. The schedule shall contain the planned events and milestones, accomplishments, entrance and exit criteria, Risk Mitigation plans in the Contractor's Risk Management Plan, and activities from delivery order award to the completion of the delivery order. The IMS shall reflect the tasks, dates (baseline and forecast), external and internal dependences, and relationships necessary to achieve contract milestone delivery dates. The Contractor shall quantify risk in hours, days, or weeks of delay and provide optimistic, pessimistic, and most likely duration for each IMS activity and event.

Analysis shall be defined as an assessment of schedule progress to date, changes to schedule assumptions, variances to the baseline schedule, causes for the variances, potential impacts, and recommended corrective action(s). The Contractor shall submit written variance analyses with the IMS, prior to or concurrent with the CPR Format 5 submittal.

The IMS shall have the following minimum characteristics:

- Consistent with the delivery order CWBS
- Sufficiently detailed that critical, near-critical, and high-risk efforts are identified and planned realistically to assure executability. The IMS will be extended and expanded to mutually agreeable levels as the contract or agreement unfolds and/or additional insight becomes necessary (for example, rolling wave detail planning or scope changes)
- Includes the efforts of all activities, including subcontractor and supplier activities.
- Presents an accurate, current, and complete integrated view of the contract or agreement, consistent with resource plans, CPR's and other approved documentation.
- Reflects those risks identified and documented by and/or within the Contractor's Risk Management Plan.

3.2.6.6 Configuration Management Plan (CDRL B021)

The Contractor shall implement configuration management (CM) processes and maintain an internal CM Plan. The Contractor's CM processes shall:

- Address how software application version differences are tracked and how changes are controlled across related versions.
- Identify the forms and methods that will be used to submit and process Requests for Deviations (RFDs), Requests for Waivers (RFW), Software Version Description documents (SVD) and subsequent Specification Change Notices (SCNs), and Notices of Revision (NORs) as they apply to the Technical Data Package.
- Address how the software and documentation will be controlled to ensure that the software, as maintained, updated, and enhanced, is accurately reflected and monitored.
- Describe the tracking mechanisms used for all software licenses, and maintenance of these licenses.

3.2.7 SWISS Process

The Contractor shall be familiar thoroughly with and shall participate in the SwISS process outlined in the Network Enterprise Domain Software In-Service Support (SwISS) Plan.

4 Government Furnished Equipment

The Government shall provide any inherently governmental equipment, information, or property (GFE/GFI/GFP) necessary for completion of the effort(s) under this contract. Inherently governmental is defined as those items not available in the commercial marketplace, specifically those items only available for procurement by Government sources such as COMSEC, classified, or other sensitive/restricted equipment/information/property.

The Government may provide and the Contractor shall accept any GFE/GFI/GFP items as specified in individual delivery orders issued under this contract at the time of delivery order issuance. The initial roster of GFE/GFI/GFP is listed in Appendix B. If the Contractor takes exception to the roster of GFE/GFI/GFP, a revised list shall be provided by the Contractor. The revised list must be inherently governmental items. The item list should include information such as nomenclature, description/use, model number, part number, National Stock Number (if available), cost, and recommended source of supply (if known). In the absence of this data, information shall be provided by the Contractor to accurately identify each item and the required configuration of the item.

The Contractor shall accept delivery of any inherently governmental equipment, information, or property (GFE/GFI/GFP) from the government at a location and time that will be determined after contract award.

5 Travel and Other Direct Costs

Contractor travel and other direct costs (ODCs) may be incurred depending on program needs. The Contractor shall propose travel and ODCs separately per delivery order.

6 Data Deliverables

All data delivered and data made available during this contract shall be furnished electronically IAW DD Form 1423-1. Individual Delivery Orders will specify data deliverables using a subset of the items from the Exhibit A list of CDRLS. The list of CDRLS is subject to change according to the requirements of the Delivery Orders through the duration of the contract's POP. Specific deliverables required and schedules will be stated in the Delivery Order SOWs.

All data ordered IAW DD Form 1423-1 shall be submitted with a Letter of Transmittal (LT) or provide Government notification via an E-mail to the Government Contracting Officer. Classified data shall be handled and delivered in accordance with the Department of Defense (DoD) 5220.22-M "National Industrial Security Program – Operating Manual", dated February 2006. The LT shall indicate the contract number, Contract Line Item Number, Sub-Line Item Number, Data Item Number, Title and Subtitle (when applicable) of the data, SOW paragraph number reference which required the data to be prepared, and the date of transmittal.

DD Form 250s Material Receipt and Acceptance shall be submitted with final data deliveries only as specified on the individual data item (see Exhibit A for the Contract Data Requirements List (CDRL) and applicable Data Item Descriptions (DID)).

The Contractor shall provide a matrix, which states the delivery method for each CDRL deliverable (i.e. CD-ROM, Webpage).

7 Media and File Format

The Microsoft (MS) Office 2003 suite of applications (MS Word, MS Excel, MS PowerPoint, and MS Project) is the preferred format for documents, reports, and information furnished under this contract unless defined otherwise. If the Contractor's file format is not compatible with the formats specified, then the Contractor shall provide a compatible format that will allow the Government to read and write to the files when necessary. Should MS issue a new MS Office

suite that the Government adopts as a new standard; the Government will notify the Contractor in writing of the change. Other formats for the transmittal of contract documentation and methods for electronically signing DD Form 250s Material Receipt and Acceptance shall be as set forth in the contract and as agreed to by the Government and Contractor.

Appendix A

JTRS Bowman VHF Waveform (JBW) Documentation

Title	Rev	Release Date	Class
WDS - Waveform Design Specification	F	4/17/2007	Unclass
SDP - Software Development Plan	D	2/23/2007	Unclass
SRS - Software Requirement Specification	G	3/3/2007	Unclass
SDD - Software Design Description	E	5/15/2008	Unclass
SPS - Software Product Specification	D	5/15/2008	Unclass
WPP - Waveform Porting Plan	Not Available		
WPR - Waveform Porting Report	Not Available		
IDD - API Interface Design Document	C	5/15/2008	Unclass
IDD - API Interface Design Document	B	3/26/2007	Unclass
STP - Software Test Plan	E	5/15/2008	Unclass
STD - Software Test Descriptions	D	5/15/2008	Unclass
STR - Software Test Report	A	5/15/2008	Unclass
WSSR - Waveform SW Security Report	F	3/12/2007	Secret
SVD - Software Version Description	E	5/15/2008	Unclass
NDS Specification	C	3/12/2007	Unclass
SSDD Specification	C	7/11/2008	Unclass
CSMA Specification	C	3/12/2007	Unclass
OTAR/CI Fill Specification	C	3/10/2007	Secret
SIS - Signals In Space Specification	C	3/10/2007	Secret

Appendix B

Government Furnished Equipment/Item List:

Item	Description	Serial Number	QTY
1	JTRS Evaluation Tool Set -BAH tools/scripts	N/A	1

Joint Tactical Radio System Network Enterprise Domain

Statement Of Work for SwISS JBW IA Task



20 July 2010

Prepared for

Joint Program Executive Office (JPEO) Joint Tactical Radio System (JTRS)

DISTRIBUTION STATEMENT D: Distribution to Department of Defense (DoD) and U.S. DoD Contractors for administrative/operational use only: (June 2007). All other requests for this document will be referred to the JTRS NED-W.

HANDLING and DESTRUCTION NOTICE: Comply with distribution statement and destroy by any method that will prevent disclosure of contents or reconstruction of the document.

1 Scope

1.1 Purpose

The purpose of this Statement of Work (SOW) is to support the Joint Program Executive Office (JPEO) Joint Tactical Radio System (JTRS) Network Enterprise Domain (NED) program manager by providing for Software In-Service Support (SwISS) for JTRS JBW waveform Information Assurance (IA) activities

1.2 Background

This SOW identifies the requirements for preparing the JTRS JBW waveform for achieving NSA IA software certification.

1.3 Period of Performance

The period of performance is not to exceed 12 months.

1.4 Place of Performance

The primary place of performance shall be the contractor's site. The contractor also shall perform work at Government sites when necessary and/or directed by the Government. Contractor work at Government sites may include, but shall not be limited to short-term overnight trips as well as temporary or extended performance of work as necessary.

1.5 Security

All work shall be performed in accordance with DoD and Navy Operations Security (OPSEC) requirements in accordance with the DD254.

2 Applicable Documents

Title	Reference
Software Communications Architecture Specification	Version 2.2, 17 November 2001
Software Communications Architecture Specification	Version 2.2.2, 15 May 2006
Software Communications Architecture Extensions	Version 2.2.2, 22 December 2006
JPEO JTRS Standards Standardization Plan	Version 2.0.1, 04 May 2010
JTRS Test and Evaluation Laboratory SCA Test and Evaluation Plan	Version 1.1, 6 January 2009
JTRS Test and Evaluation Laboratory Standard API Verification Plan	Version 1.0, 04 April 2008
JPEO JTRS Software Standards	Version 1.2.2, 01 October 2007
IEEE Std 12207-2008, Systems and Software Engineering — Software Life Cycle Processes	Std 12207-2008 Published 31 January 2008
JTRS Unified INFOSEC Criteria	Revision 2, 02 December 2005 (SECRET//NOFORN)
NSA Memo - Information Assurance Software Categorization Guidance	September 2009

Title	Reference
NSA Memo – NSA Guidance for UIC SWD Requirements Within the Joint Tactical Radio System	March 2007
NSA Memo - Joint Tactical Radio System Unused Code Guidance	June 2006
NSA Memo – NSA Position on the Use of Isolation Methods to Mitigate the Risk of non-UIC Compliant Software Within the JTRS Waveform Application	March 2009
NSA Memo - NSA Position on Cyclomatic Complexity for JTRS Software Development Efforts	November 2008
Network Enterprise Domain Software In-Service Support (SwISS) Plan	Version 1.1, 06 August 2008
JTRS NED T&E Waveform Portability Guidelines	Version 1.1, 26 June 2008
JPEO JTRS Enterprise Information Support Plan (E-ISP)	Version 1.1, 30 September 2008 (UNCLASSIFIED//FOR OFFICIAL USE ONLY)
Joint Tactical Radio System (JTRS) Information Repository (IR) User Registration Guide	Version 1.6, 07 May 2007
Enterprise Configuration Management Plan Version 1.3	Version 1.3 February 2010

3 Requirements

3.1 General

3.1.1 Overview

The contractor shall execute structured software engineering and program management processes that facilitate effective and high-quality software development. The contractor shall ensure that waveform specifications are met and that any addition or changes are properly documented. The contractor shall ensure that all changes to the JTRS JBW software waveform adhere to the JTRS Application Programming Interfaces (APIs) standards, JTRS Unified INFOSEC Criteria (UIC-SWD) requirements, JBW Waveform Software Security Report (WSSR), JTRS NED Waveform Portability Guidelines, JTRS Software Standards and JTRS Software Communications Architecture (SCA) requirements.

The contractor shall coordinate with the NED program office regarding the NSA review of the JTRS JBW baseline software waveform. The contractor shall support the NSA delta IA assessment(s) of the JTRS JBW baseline software waveform. The contractor shall support associated IA TIM(s), and coordinate with the NED program office regarding any deficiencies identified in the IA assessment to resolve any issues. The contractor shall address all IA deficiencies by making code corrections and/or documentation changes as agreed to by the Government.

3.1.2 Acceptance Criteria

Successful completion of this effort is defined as when no further baseline software changes are needed to meet the requirements of the JTRS UIC. Given that NED program office requests NSA's acceptance of all software and software documentation, the contractor shall develop all software and software documentation to NSA's requirements.

The Quality Assurance Method that will be utilized under this Delivery order is below:

JBW IA Task Quality Assurance Surveillance Plan (QASP) Metrics

ID	Performance Objectives	Performance Standards	Acceptable Quality Level (AQL)	Monitoring Method
1	Deliver high quality documents per CDRL and SOW requirements	Deliverables meet Govt. Standards.	All documents have been accepted by the Govt.	100% inspection
2	Deliver high quality software product	JBW product meets SCA and API requirements.	Successful completion of delta FQT	Test Witnessing
3	Deliver product that meets UIC requirements	JBW product meets applicable UIC requirements	Successful completion of Information Assurance Assessment after FQT.	Verification & Validation (V&V)

3.2 Specific

3.2.1 Analysis

The IA scripts will be provided as GFI for this delivery order. The contractor shall document all prior agreements regarding clarification of software security requirements with the NSA in the GFI Limitations and Exceptions report. The contractor shall perform analysis of the JTRS Bowman Waveform and perform an IA self-assessment by running the IA scripts provided as GFI. The contractor shall provide rationale for all findings in the GFI IA Self-Assessment Report that documents true positive (the contractor agrees the NSA finding should be fixed) and false positive (the contractor explains why they believe the finding is a false positive) findings. The contractor shall provide security categorization by file name. The contractor shall consolidate the analysis into a report for the Government (CDRL B022).

3.2.1.1 IA Technical Report (CDRL B0022)

The contractor shall provide the status of the product's compliance with the IA software security requirements by the following categories based on the output from the IA scripts:

- Memory Management Issues:
 - Buffer over and under flows
 - Memory leaks
 - Null pointers
- Exception Handling Issues:
 - Empty braces
 - If-then with no else
 - Ignored return
 - Non-conforming switch statement
- Complexity Issues (as per sample template in Table 1 below):

- Cyclomatic complexity number and test path coverage
- Multiple return statements
- Unused and/or Unreachable Code Issues (excluding uninitialized variables):
 - Commented out code
 - Pre-processor directives
 - Unfinished code
 - Unused functions
 - Uncalled variables

For each major category (memory management, exception handling, complexity and unused/unreachable code) the contractor shall report:

- Total quantity of findings resulting from running software security assessment tools
- Quantity of valid findings identified after analysis

The contractor shall report complexity findings using the following table.

CCN Range	Number of Software Units		Comments
	Within Stated CCN Range	With 100% Path Coverage	
1-10			
11-20			
21-50			
>50			

Table 1 – Cyclomatic Complexity Reporting Format

- Total number of IA script findings; total number of IA findings fixed.

Cyclomatic complexity is used by the Government as an indicator of how effectively the contractor will be able to comply with UIC SWD-19 (security software shall be tested for all possible decision outcomes). The contractor shall conduct software unit tests and document the results. These results shall be available to the Government to indicate the degree of code test path coverage (coverage target = 100%).

3.2.2 IA fixes and Delta IA Assessment Remediation

After completion of the analysis in section 3.2.1 the contractor shall address how each of their proposed fixes will be implemented. The contractor shall implement all of the fixes as agreed-to by the Government and as documented in the final WSSR. Prior to submitting to the NSA for a delta-assessment, the contractor shall perform a new IA self-assessment report listing the rationale for all false positive findings from the GFI IA scripts. The contractor shall address and remediate any Government concerns resulting from the review of the new self-assessment report. The contractor shall deliver the remediated code to the Government. The contractor shall provide support for the NSA delta assessment. The contractor shall address and remediate any NSA concerns resulting from the review of the code until the NSA and the NED agree that no further software changes are needed to meet the requirements of the JTRS UIC.

3.2.3 Test Environment Support

The contractor shall provide and/or maintain a test environment suitable for JBW software testing, demonstrations and experiments. The contractor shall provide ten (10) JTRS Soldier Radios (part number 8242937G1) with battery, antenna, handset and pouch to support testing and experiments.

3.2.4 SCA and API Compliance

The contractor shall review the JBW software for compliance to the JTRS SCA 2.2.2 and JTRS API standards, support JTEL delta SCA and API testing and fix any deficiencies. The Contractor shall implement all software corrective actions (including requests for SCA deviations and/or waivers) required to make the JBW SCA 2.2.2 and API compliant to support portability to JTRS radio platforms.

3.2.5 Software Documentation (CDRL B006, B007, B008, B009, B010, B011, B012, B013, B014, B015, B022, B030, B035)

The contractor shall update and deliver all software application releases and all necessary supporting documentation to the NED Program Office. The following documentation is required for submission to NSA:

- Software Requirements Specification (SRS)
- Software Design Description (SDD)
- Interface Design Description (IDD)
- Software Test Plan (STP)
- Software Test Description (STD)
- Software Test Report (STR)
- Software Version Description (SVD)
- Software Product Specification (SPS)
- Theory Of Compliance (TOC) info in the Waveform Software Security Report (WSSR).
- NATO Standardization Agreements (STANAGs)
- Military Standards (MIL-STD)
- Developer's applied coding standards
- Source code:
 - Field Programmable Gate Array (FPGA), Very High Speed Integrated Circuit (VHSIC), Hardware Description Language (VHDL).
 - Application software (e.g. C / C++).
- Build files, configuration files, settings (e.g. pre-compiler tokens).
- Security file categorization, isolation strategy (included within the TOC info) in the WSSR
 - Security relevance of each file
 - Isolation strategy implementation
 - Developers shall not mix security relevant and general purpose code within memory partitions. All code categorization shall be kept within the respective boundaries.
- IA Self- Assessment Report
- Limitation and Exceptions Report

3.2.6 Program Management

3.2.6.1 Contract Funds Status Report (CFSR) (CDRL A001)

In accordance with paragraph 3.2.6.1 of the basic contract SOW the contractor shall submit one CFSR (DD Form 1586) under the basic contract that covers all delivery orders. Information from this delivery order will be included in the CFSR submitted under the basic contract. The CFSR report will include funding requirements and time-phased detail at the CLIN level, broken out for each delivery order. The Contractor shall also submit an MS Excel file for delivery to the Joint Tactical Radio System (JTRS) Network Enterprise Domain (NED) as defined in CDRL A001.

3.2.6.2 Contract Status Report (CSR) (CDRL A003)

The contractor shall provide monthly CSRs. The CSR shall include at a minimum:

- Progress/status reporting for this delivery order and any deliverables identified in this SOW
- A running history of progress in meeting schedules, including a brief description of activities and accomplishments during each reporting period
- A Risk Matrix, maintained by the contractor that identifies design, schedule, technical, resources, and other program element risks. The Risk Matrix shall be updated with each CSR.
- The following software metrics: (1) Software size e.g. Source Lines of Code (SLOC), (2) Organization Staffing, (3) Cost/Schedule Percent Complete

The contractor shall use the CSR to propose updates and changes, and document slippages to the deliverables schedule. Government accepted receipt of the CSR does not indicate concurrence with the CSR content or proposed changes to schedule(s).

3.2.6.3 Configuration Management

The contractor shall implement configuration management (CM) processes and maintain an internal CM Plan in accordance with the basic contract SOW.

4 Government Furnished Property

The Government shall provide the IA scripts as Government Furnished Information.

5 Travel and Other Direct Costs

The contractor shall propose travel and other direct costs (ODCs) required for completion of this delivery order.

6 Data Deliverables

- a. All data delivered and data made available during this delivery order shall be furnished electronically IAW DD Form 1423.
- b. All data ordered IAW DD Form 1423 shall be submitted with a Letter of Transmittal (LT) or provide Government notification via an E-mail to the Government Contracting Officer. Classified data shall be handled and delivered IAW the Department of Defense (DoD) 5220.22-M "National Industrial Security Program – Operating Manual, dated February 2006. The LT shall indicate the delivery order number, Contract Line Item, Sub-Line Item Number, Data Item Number, Title and Subtitle (when applicable) of the

data, SOW paragraph number reference which required the data to be prepared, and the date of transmittal.

c. DD Form 250s Material Receipt and Acceptance shall be submitted with final data deliveries only as specified on the individual data item (see Appendix A for the Contract Data Requirements List (CDRL) and applicable Data Item Descriptions (DID)).

d. The contractor shall provide a matrix, which states the delivery method for each CDRL deliverable (i.e. CD-ROM, Webpage).

7 Media and File Format

The Microsoft (MS) Office 2003 suite of applications (MS Word, MS Excel, MS PowerPoint, and MS Project) is the preferred format for documents, reports, and information furnished under this delivery order unless defined otherwise. If the contractor's file format is not compatible with the formats specified, then the contractor shall provide a compatible format that will allow the Government to read and write to the files when necessary. Should MS issue a new MS Office suite that the Government adopts as a new standard; the Government will notify the contractor in writing of the change. Other formats for the transmittal of delivery order documentation and methods for electronically signing DD Form 250s Material Receipt and Acceptance shall be as set forth in the delivery order and as agreed to by the Government and contractor.

Exhibit B
JBW SwISS Contract Delivery Order 0001
CDRL List

CDRL	Para	CDRL Title	DID	DID Title
A001	3.2.6.1	Contract Funds Status Report (CFSR)	DI-MGMT-81468	Contract Funds Status Report (CFSR)
A003	3.2.6.2	Contract Status Report (CSR)	DI-MGMT-80227	Contractor's Progress, Status, and Management Report
B006	3.2.5	Software Requirements Specification (SRS)	DI-IPSC-81433A	Software Requirements Specification (SRS)
B007	3.2.5	Software Design Description (SDD)	DI-IPSC-81435A	Software Design Description (SDD)
B008	3.2.5	Interface Design Description (IDD)	DI-IPSC-81436A	Interface Design Description (IDD)
B009	3.2.5	Software Test Plan (STP)	DI-IPSC-81438A	Software Test Plan (STP)
B010	3.2.5	Software Test Description (STD)	DI-IPSC-81439A	Software Test Description (STD)
B011	3.2.5	Software Test Report (STR)	DI-IPSC-81440A	Software Test Report (STR)
B012	3.2.5	Software Version Description (SVD)	DI-IPSC-81442A	Software Version Description (SVD)
B013	3.2.5	Software Product Specification (SPS)	DI-IPSC-81441A	Software Product Specification (SPS)
B014	3.2.5	Software Development Plan (SDP)	DI-IPSC-81427A	Software Development Plan
B022	3.2.1, 3.2.1.1	Information Packages	DI-MISC-80508B	Technical Report - Study/Services
B023	3.2.5	Record of Meeting Report	DI-ADMN-81505	Report, Record of Meeting/Minutes
B024	3.2.5	Presentation Material	DI-MISC-80508B	Technical Report - Study/Services
B030	3.2.5	Waveform Software Security Report (WSSR)	DI-MISC-80711A	Scientific and Technical Reports
B035	3.2.5	Waveform Design Specification (WDS)	DI-MISC-80711A	Scientific and Technical Reports

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.**

A. CONTRACT LINE ITEM NO.	B. EXHIBIT B	C. CATEGORY TDP ____ TM ____ OTHER <u>MGMT</u>
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D. SYSTEM/ITEM JBW SwISS	E. CONTRACT/PR NO. N00039-10-R-0012	F. CONTRACTOR ITT Communications System
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM CONTRACT FUNDS STATUS REPORT (CFSR)	3. SUBTITLE Contract Funds Status Report (CFSR)
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4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-81468	5. CONTRACT REFERENCE 3.2.6.1	6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY QRTLY	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE	b.COPIES	
					Final	
					Draft	Reg
						Repro

<p>16. REMARKS</p> <p>Block 12: First submission shall be NLT 12 working days after the first accounting month subsequent to the Authorization to Proceed.</p> <p>Block 13: Subsequent submissions will be quarterly, NLT 12 working days after the close of the contractor's accounting quarter.</p> <p>Paragraph 7.3.1: The CFSR reporting level will provide funding requirements and time phased detail at the CLIN level for programs with multiple funding elements. When there is more than one CLIN, a total program roll-up is also required.</p> <p>All time phased data will be prepared such that it is grouped to provide visibility for each Government fiscal year applicable to the period of performance.</p> <p>If the program is incrementally funded, it may be necessary for the Contractor to provide monthly increments at the beginning of the program or when EAC changes and/or contract modifications are implemented.</p> <p>The Contractor will identify the components of Termination Liability and Open Commitments in the notes section of the CFSR.</p>	JTRS NED PO	0	1	0
		15. TOTAL	0	2

G. PREPARED BY Eric Hollenbeck	H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers	J. DATE 20-JUL-2010
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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.**

A. CONTRACT LINE ITEM NO.	B. EXHIBIT B	C. CATEGORY TDP ___ TM ___ OTHER <u>IPSC</u>
----------------------------------	------------------------	--

D. SYSTEM/ITEM JBW SwISS	E. CONTRACT/PR NO. N00039-10-R-0012	F. CONTRACTOR ITT Communications System
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1. DATA ITEM NO. B006	2. TITLE OF DATA ITEM Software Requirements Specification (SRS)	3. SUBTITLE SOFTWARE REQUIREMENTS SPECIFICATION
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4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A	5. CONTRACT REFERENCE 3.2.5	6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO
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7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE	b.COPIES	
					Draft	Reg

16. REMARKS Classified or Sensitive information shall be provided in a separate Appendix. BLOCK 4: Prepare in contractor format with content described in the DO SOW and DID. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: NLT 22-business days prior to TIM #1. Government has 15 business days to review. BLOCK 13: Updated SRS incorporating TIM #1R accepted comments shall be submitted NLT 11-business after TIM #1. Updated SRS incorporating TIM #3accepted comments shall be submitted NLT 11-business days after TIM #3. Government has 22-business days to review and approve. Submit in MS Word 2003 file format.	JTRS NED PO	0	1	0
	15. TOTAL		0	1

G. PREPARED BY Eric Hollenbeck	H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers	J. DATE 20-JUL-2010
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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. **Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.**

A. CONTRACT LINE ITEM NO.	B. EXHIBIT B	C. CATEGORY TDP ____ TM ____ OTHER <u>IPSC</u>
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D. SYSTEM/ITEM JBW SwISS	E. CONTRACT/PR NO. N00039-10-R-0012	F. CONTRACTOR ITT Communications System
------------------------------------	---	---

1. DATA ITEM NO. B007	2. TITLE OF DATA ITEM Software Design Description (SDD)	3. SUBTITLE SOFTWARE DESIGN DESCRIPTION
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4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81435A	5. CONTRACT REFERENCE 3.2.5	6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO
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7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ONE/R	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE	b.COPIES		
					Draft	Final	
						Reg	Repro

16. REMARKS Classified or Sensitive information shall be provided in a separate Appendix. BLOCK 4: Prepare in contractor format with content described in the DO SOW and DID. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: Draft SDD shall be submitted NLT 15-business days prior TIM #1. Government has 15-business days to review and comment. BLOCK 13: Updated SDD shall be submitted NLT 22-business days before FQT. Government has 22-business days to review and comment. Updated SDD incorporating comments shall be submitted NLT 11-business days after FQT. Submit in MS Word 2003 file format.	JTRS NED PO	1	1	0
	NSA	1	1	0
	15. TOTAL		2	2

G. PREPARED BY Eric Hollenbeck	H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers	J. DATE 20-JUL-2010
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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

(1 Data Item)					OMB No. 0704-0188			
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>								
A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP ___ TM ___ OTHER <u>IPSC</u>				
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System			
1. DATA ITEM NO. B010		2. TITLE OF DATA ITEM Software Test Description (STD)			3. SUBTITLE SOFTWARE TEST DESCRIPTION			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81439A			5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ONE/R		12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE	b. COPIES		
				Draft		Final Reg Repro		
16. REMARKS Classified and Sensitive information shall be provided in a separate Appendix. BLOCK 4: Prepare in contractor format with content described in the DID and DO SOW with following exception: Add paragraph 1.6 - Test Assumptions and Limitations. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: Draft STP shall be submitted NLT 15-business days prior to TIM #3.. Government has 10-business days to review and comment. BLOCK 13: Updated STP shall be submitted NLT 10---business days after to TIM #3. Submit in MS Word 2003 file format.					JTRS NED PO	1	1	0
					NSA	1	1	0
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010		I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

INTENTIONALLY LEFT BLANK

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188			
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>								
A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP ____ TM ____ OTHER <u>IPSC</u>				
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System			
1. DATA ITEM NO. B012		2. TITLE OF DATA ITEM Software Version Description (SVD)			3. SUBTITLE SOFTWARE VERSION DESCRIPTION			
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81442A			5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION		
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE	b. COPIES		
						Draft	Final	
						Reg	Repro	
16. REMARKS Security relevant information shall be provided in a separate Appendix. BLOCK 4: Prepare in contractor format with content described in the DO SOW and DID. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: First Draft SVD shall be submitted with software delivery, 1 month prior to TIM #3.. BLOCK 13: Second Draft SVD shall be submitted at time of FQT activities. Final SVD shall be submitted NLT 22-business days after FQT. Government has 22-business days to review and approve. Submit in MS Word 2003 file format.					JTRS NED PO	0	1	0
					NSA	0	1	0
					15. TOTAL			
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010		I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP _____ TM _____ OTHER <u>IPSC</u>					
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System				
1. DATA ITEM NO. B014	2. TITLE OF DATA ITEM Software Development Plan				3. SUBTITLE SOFTWARE PRODUCT SPECIFICATION				
4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81427A			5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO				
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ONE/R		12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16			a. ADDRESSEE		b. COPIES	
					Draft			Final	
							Reg	Repro	
16. REMARKS Classified or Sensitive information shall be provided in a separate Appendix. BLOCK 4: Prepare in contractor format with content described in the DO SOW and DID. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: NLT 22-business days prior to TIM #1. Government has 15 business days to review. BLOCK 13: Updated SRS incorporating TIM #1R accepted comments shall be submitted NLT 11-business after TIM #1. Updated SRS incorporating TIM #3accepted comments shall be submitted NLT 11-business days after TIM #3. Government has 22-business days to review and approve. Submit in MS Word 2003 file format.						JTRS NED PO	1	1	0
						NSA	1	1	0
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010		I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					<i>Form Approved</i> <i>OMB No. 0704-0188</i>			
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>								
A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP _____ TM _____ OTHER <u>MISC</u>				
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System			
1. DATA ITEM NO. B022	2. TITLE OF DATA ITEM Technical Report Study/Services				3. SUBTITLE INFORMATION PACKAGES			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B			5. CONTRACT REFERENCE 3.2.1, 3.2.1.1		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO			
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ		12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION			
8. APP CODE N/A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE				b. COPIES
16. REMARKS BLOCK 4: Prepare in contractor format with content described in the DID and DO SOW. BLOCK 12: Information Packages shall be made available NLT 3-business days prior to the start of each meeting, program review, and conference hosted by the Contractor. BLOCK 13: Updated Information Packages concurrent with meeting shall be submitted NLT 5-business days after conclusion of each meeting. Submit in MS Office 2003 file formats. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO.					Draft	Final		
						JTRS NED PO	Reg	Repro
					0		1	0
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010		

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>					<i>Form Approved</i> <i>OMB No. 0704-0188</i>			
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>								
A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP _____ TM _____ OTHER <u>ADMN</u>				
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System			
1. DATA ITEM NO. B023	2. TITLE OF DATA ITEM Base - Report, Record Of Meeting Minutes			3. SUBTITLE RECORD OF MEETING REPORT			17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81505		5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO				18. ESTIMATED TOTAL PRICE
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION				
8. APP CODE N/A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16						a. ADDRESSEE
<p>16. REMARKS</p> <p>BLOCK 4: Prepare in contractor format with content described in the DID and DO SOW.</p> <p>BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO.</p> <p>BLOCK 12: Meeting minutes/action items as agreed to during the meeting/review shall be submitted NLT 5-business days after conclusion of each meeting.</p> <p>Submit in MS Word 2003 file format.</p>						Final		
						Draft	Reg	Repro
				JTRS NED PO		1	1	0
								15. TOTAL
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010		

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					Form Approved OMB No. 0704-0188					
<p>The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Department of Defense, Executive Services and Communications Directorate(0704-0188). Respondents should be aware that not withstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>										
A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP _____ TM _____ OTHER <u>MISC</u>						
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System					
1. DATA ITEM NO. B024	2. TITLE OF DATA ITEM Technical Report Study/Services			3. SUBTITLE PRESENTATION MATERIAL			17. PRICE GROUP			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508B		5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO				18. ESTIMATED TOTAL PRICE		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION						
8. APP CODE N/A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16						a. ADDRESSEE		b. COPIES
					Draft	Final				
						Reg	Repro			
16. REMARKS BLOCK 4: Prepare in contractor format with content described in the DID and DO SOW. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: Presentation Material shall be provided to each attendee NLT 3-business day prior to the start of each meeting, program review, and conference hosted by the Contractor. BLOCK 13: Updated Presentation Material concurrent with meeting shall be submitted NLT 5-business days after conclusion of each meeting. Submit in MS PowerPoint 2003 file format.				JTRS NED PO	0	1	0			
								15. TOTAL	0	1
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010				

CONTRACT DATA REQUIREMENTS LIST
(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.			B. EXHIBIT B		C. CATEGORY TDP ___ TM ___ OTHER <u>MISC</u>		
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System		
1. DATA ITEM NO. B030		2. TITLE OF DATA ITEM Scientific and Technical Reports			3. SUBTITLE WAVEFORM SOFTWARE SECURITY REPORT (WSSR)		
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A			5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO		
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16	14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16	a. ADDRESSEE		b.COPIES	
						Draft	Final Reg Repr
16. REMARKS Security relevant information shall be provided in a separate Appendix. BLOCK 4: Delete Block 10 of DID and prepare IAW contractor format described in SOW. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: The Contractor shall submit draft Waveform Software Security Report (WSSR) not later than 45 days after delivery order award. BLOCK 13: The Contractor shall submit an updated draft Waveform Software Security Report (WSSR) not later than 60 days after rTIM #3. The Contractor shall submit an updated WSSR not later than 30 days prior to Formal Qualification Test (FQT). Government requires 30 days to review and comment. The contractor shall submit a final WSSR 30 days after receipt of Government comments. Submit in MS Word 2003.				JTRS NED PO	1	1	0
				NSA	1	1	0
				15. TOTAL			
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010	

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					<i>Form Approved</i> OMB No. 0704-0188			
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A. CONTRACT LINE ITEM NO.		B. EXHIBIT B		C. CATEGORY TDP ___ TM ___ OTHER <u>MISC</u>				
D. SYSTEM/ITEM JBW SwISS			E. CONTRACT/PR NO. N00039-10-R-0012		F. CONTRACTOR ITT Communications System			
1. DATA ITEM NO. B035		2. TITLE OF DATA ITEM Waveform Design Specification (WDS)			3. SUBTITLE WAVEFORM SOFTWARE SECURITY REPORT (WSSR)			
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A			5. CONTRACT REFERENCE 3.2.5		6. REQUIRING OFFICE JTRS NETWORK ENTERPRISE DOMAIN PO			
7. DD 250 REQ DD	9. DIST STATEMENT REQUIRED D	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLOCK 16		14. DISTRIBUTION			
8. APP CODE A		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16		a. ADDRESSEE		b. COPIES	
							Draft	Final Reg Repro
16. REMARKS Classified or Sensitive information shall be provided in a separate Appendix. BLOCK 4: Prepare in contractor format with content described in the DO SOW and DID. BLOCK 9: Distribution Statement D. Distribution authorized to the Department of Defense and DoD contractors only. Reason: To protect technical/operational data or information. Other requests shall be referred to JTRS Network Enterprise Domain PO. BLOCK 12: Draft SDD shall be submitted NLT 15-business days prior TIM #1. Government has 15-business days to review and comment. BLOCK 13: Updated SDD shall be submitted NLT 22-business days before FQT. Government has 22-business days to review and comment. Updated SDD incorporating comments shall be submitted NLT 11-business days after FQT. Submit in MS Word 2003 file format.					JTRS NED PO	1	1	0
					NSA	1	1	0
					15. TOTAL			
G. PREPARED BY Eric Hollenbeck			H. DATE 20-JUL-2010	I. APPROVED BY Todd Landers		J. DATE 20-JUL-2010		