

**STATEMENT OF WORK  
for the  
OE-562A/USC-38(V)  
Submarine High Data Rate Antenna System (SubHDR)  
Reliability, Maintainability & Availability (RMA)  
Development Efforts for the  
Multi-Volt Power Supply (MVPS)**

**15 September 2015**

DISTRIBUTION STATEMENT A: Approved for public release, distribution is unlimited (5 November 2015).

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## 1. INTRODUCTION

### 1.1 Scope

As part of the Submarine High Data Rate (SubHDR) Reliability, Maintainability & Availability (RMA) program, this Statement of Work (SOW) sets forth the Contractor responsibilities for the design, development, fabrication, assembly, test, and delivery of a newly designed Multi-Volt Power Supply (MVPS) to replace the current MVPS used in the OE-562A/USC-38(V) SubHDR Antenna System in an effort to maintain a system Ao of .94 or greater through 2035. This SOW supports the efforts for the basic contract and any options exercised.

- a. **MVPS Development (CLIN 0001): The Contractor shall:**
  - 1) Develop a replacement MVPS for the SubHDR Antenna System in accordance with performance specification SPAWAR-S-SubHDR007;
  - 2) Provide program, contract, engineering and finance management of the MVPS development effort.
  - 3) Host and conduct a Preliminary Design Review (PDR), Critical Design Review (CDR) and Technical Interchange Meetings (TIM) as required per the SOW.
  - 4) Fabricate production representative components and perform verification testing to demonstrate component compliance to the specification requirements.
  - 5) Produce and deliver a full technical data package and final production drawing packages for the approved product baseline of the newly designed MVPS.
- b. **MVPS Prototypes (Option CLIN 1001):** The Contractor shall fabricate, test and deliver two (2) prototype MVPSs for Government evaluation and testing. The prototypes shall be fabricated in accordance with the final production drawings and performance specification SPAWAR-S-SubHDR007.
- c. **Special Test Equipment (Option CLIN 1002):** The Contractor shall deliver any special test equipment and all associated drawings required to support the new MVPS.

### 1.2 Program Definitions

- a. OE-562A/USC-38(V) SubHDR Antenna System Mast Group: The SubHDR Antenna System Mast Group consists of the Mast Electronics Group and the Antenna Pedestal Group. This system is “unsheltered environment” equipment and interfaces with below deck equipment to support RF Transmission and Reception.
- b. Mast Electronics Group (MEG): Provides the RF Amplification functionality of the SubHDR Antenna and is contained in a titanium tube, which can be separated from the HDR Antenna Pedestal Group.
- c. Antenna Pedestal Group (APG): Contains a 3-axis pedestal with a 16.25 inch dish antenna, motors, resolvers, rotary joints, and a mast motion sensor to provide local changes in the mast position. The APG is mounted to the top of the Mast Electronics Group.
- d. MVPS: The MVPS is an integrated portion of a larger electronics assembly; it forms the lower half with a separate circuit card assembly attached to the top to form the complete module. The top circuit card is a system control processor and is not included in this redesign. The MVPS interfaces directly with the top circuit card and also with other components through a wiring harness.

## 2. APPLICABLE DOCUMENTS

The following documents are applicable to this SOW to the extent specified herein:

- a. Contract
- b. Production Specifications
- c. Military Specifications, Standards and Handbooks

### 2.1 Issue of documents

Unless otherwise specified herein, the following documents listed in the Department of Defense Index of Specifications and Standards (DODISS), in effect on the date of the request for proposal (RFP), form a part of this SOW to the extent specified herein.

Type	Document	Description	Date
Specification	SPAWAR-S-SubHDR007	SubHDR Newly Designed MVPS Performance Specification	28 July 2015
Standard	MIL-STD-31000A	DEPARTMENT OF DEFENSE STANDARD PRACTICE TECHNICAL DATA PACKAGES	26 February 2013

### 2.1.1 Source of Documents

Except for the contract specification, all documents shall be obtained from the Standardization Document Order Desk, 700 Robbins Avenue, Building #4, Section D, Philadelphia, PA 19111-5094. The industry documents shall be obtained from the American National Standards Institute, Attn. Sales Department, 25 W 43<sup>rd</sup> Street, 4<sup>th</sup> Floor, New York, NY, 10036.

## 3. REQUIREMENTS – All tasks contained in this SOW will be funded with Research, Development, Testing and Evaluation (RDT&E) funding

### 3.1 SubHDR Multi-Volt Power Supply (MVPS) Design, Development and Test (CLIN 0001)

#### 3.1.1 Program Management

The Contractor shall provide program management to ensure all work conducted under the contract is planned and executed in a manner that shall achieve all management, technical, logistics, cost, and schedule objectives in accordance with the terms and conditions of the contract and requirements of the SOW. The Contractor shall manage and execute the program using an Integrated Product Team (IPT) structure with the Government participating in the IPTs.

The Contractor shall maintain management insight into all aspects of the SubHDR program and ensure the Government management team has insight into all program activities. The Contractor shall document progress of work in a Contractor's Progress, Status, and Management Report in accordance with CDRL A001. This report shall contain a summary of all work accomplished, work remaining, key personnel changes, cost curves, and projected expenditures for the period of performance, staffing/labor hours, and itemization of trips and trip reports to include narratives on significant results.

CDRL Deliverable(s):

A001 – Contractor's Progress, Status, and Management Report (DI-MGMT-80227)

#### 3.1.2 Integrated Program Management Report (IPMR), Format 6, Integrated Master Schedule (IMS)

The Contractor shall develop, maintain, and deliver a logically networked IMS in accordance with CDRL A002. The IMS shall contain the planned events and milestones, all activities from contract award to contract completion, activity entrance and exit criteria, and risks/risk mitigation activities identified and documented in the Contractor's Risk Management Plan (RMP) per paragraph 3.1.3. The IMS shall also reflect tasks, dates (baseline, forecast, and actual), external and internal dependencies and relationships necessary to support independent, accurate forecasts of contract milestone delivery dates by both the Contractor and the Government. The Contractor shall support teleconferences, as needed, to discuss IMS progress and issues and shall be available for review at all Government meetings. This report cycle starts on the award date and continues until the tasking defined in paragraph 3.1 is completed.

CDRL Deliverable(s):

A002: Integrated Program Management Report Format 6 (DI-MGMT-81861)

### **3.1.3 Risk Management**

The Contractor shall implement a risk management process to include a risk management plan that assures all programmatic and technical risks throughout the life of the MVPS development are addressed. The Contractor shall track the risks and take the risk mitigation actions necessary to ensure the technical integrity of the MVPS development and minimize the program cost, schedule and performance impacts. Risks, mitigation strategies, and the effects of the mitigation strategies shall be reported and/or updated during PDRs, CDRs, and TIMs.

CDRL Deliverable(s)

A003: Contractor's Risk Management Plan (DI-MGMT-81808)

### **3.1.4 Contract Funds Status Report (CFSR)**

The Contractor shall submit a quarterly CFSR in accordance with CDRL A004, CFSR. The CFSR shall be used by the Contractor and the Government to update and forecast contract funds requirements; to plan and communicate funding changes; to develop funding requirements for approved efforts; to determine funds in excess of contract needs and available for de-obligation; and to obtain rough estimates of termination liability and open commitment costs on all cost reimbursable contract line items.

CDRL Deliverable(s)

A004: Contract Funds Status Report (DI-MGMT-81468)

### **3.1.5 Contract Post Award Conference (CPAC)**

In order to establish a common understanding of all contract requirements, a CPAC shall be held at the Contractor's facility no later than 30 days after contract award. The conference shall provide an overview of the Contractor's team members and how the contract reporting requirements will be met. The conference shall also address the Contractor's IPMR and IMS, configuration management, and test processes, with particular emphasis on the efforts required prior to the PDR. Any potential problem areas shall be identified and a method of resolution defined.

The Contractor shall deliver a meeting agenda in accordance with CDRL A005. Upon completion of the CPAC the Contractor shall deliver meeting minutes for Government approval in accordance with CDRL A006.

CDRL Deliverable(s):

A005: Presentation Materials (CPAC) (DI-ADMN-81373)

A006: Report, Record of Meeting/Minutes (CPAC) (DI-ADMN-81505)

### **3.1.6 Technical Interchange Meetings (TIMs)**

The Contractor shall conduct and host TIMs as required. The first TIM shall be held no later than 30 calendar days prior to the Contractor scheduled PDR to support the development of a preliminary design concept as identified in paragraph 3.1.8. A second TIM shall be held no later than 30 calendar days prior to the Contractor scheduled CDR to support the implementation of a preliminary design concept as identified in paragraph 3.1.9.

At its discretion, the Government reserves the right to schedule additional TIMs throughout the period of performance for all tasks defined in paragraph 3.1 to assure the requirements of this SOW are being met.

The Contractor shall deliver TIM presentation material in accordance with CDRL A007 and document action items and respond to all assigned action items as a result of the TIM activity in accordance with CDRL A008.

CDRL Deliverable(s):

A007: Presentation Materials (TIM) (DI-ADMN-81373)

A008: Report, Record of Meeting/Minutes (TIM) (DI-ADMN-81505)

### **3.1.7 Quality Assurance**

The Contractor shall maintain a quality assurance (QA) program consistent with the Contractor's normal program and compliant with contract requirements. The Contractor shall utilize an ISO-9001:2000 or equivalent series QA program. The Contractor's QA program shall include all workmanship, testing, and rework standards. The Contractor shall enforce quality assurance requirements throughout development of the MVPS. All quality assurance testing shall be conducted as delineated in the Contractor's test program (SOW paragraph 3.1.10) and delivered to the Government as required in SOW paragraph 3.1.10.1. The Government reserves the right to inspect or audit the provisions, standards and practices of the QA program at any time.

### **3.1.8 Task I – Multi-Volt Power Supply (MVPS) Preliminary Design**

The Contractor shall perform analysis and develop preliminary design concepts detailing how the Contractor will implement the MVPS design required to meet performance specification SPAWAR-S-SubHDR007.

#### **3.1.8.1 Modular Open Systems**

The Contractor shall develop an architecture that is modular and utilize non-proprietary or non-vendor-unique hardware designs. The MVPS needs to demonstrate the architecture that allows for interoperability and cost effective incremental upgrade over the entire life cycle of the system without dependence upon a single source. The component being produced should facilitate a refresh of technology by using a standard-based approach that can be improved incrementally without redesign of the entire SubHDR system or any components contained within the system.

Within the constraints of the contractual data rights, a detailed description of the approach used shall be required to facilitate the sharing of system or component (e.g., software, hardware, middleware) design information in support of peer reviews and the spiral development process.

The Government will request Government Purpose Rights (GPR) in accordance with Defense Federal Acquisition Regulation System (DFARS) 252.227-7013 and 252.227-7014 on all data required to produce the MVPS.

The Government requires that Government Data Rights be affixed to all deliverables in accordance with Appendix 3 of CDRL Exhibit A and B.

#### **3.1.8.2 Preliminary Design Review (PDR)**

Upon completion of paragraph 3.1.8 the Contractor shall prepare and present a PDR at the Contractor's facility (unless otherwise designated by the Government) and in Contractor's format, to detail what the Contractor has determined as the appropriate design concept for the MVPS, as outlined in paragraph 3.1.8. The PDR shall be scheduled and held in accordance with the Contractor's IMS. The Contractor shall deliver PDR presentation material in accordance with CDRL A009.

The PDR shall present the proposed design and demonstrate requirements compliance as set forth in the performance specification SPAWAR-S-SubHDR007. At a minimum, completion of the PDR shall result in the following:

- a. Component allocated baseline which consists of initial component design specifications that have been proven by analysis and/or testing, to meet performance requirements
- b. Preliminary drawings, schematics and part lists that support the design approach
- c. Completed assessment for performance, cost and schedule risks
- d. Current cost estimate per the component allocated baseline
- e. Current program schedule including critical path drivers
- f. Specification Review Verification Matrix (SRVM), development design studies, environmental requirements, thermal management, Electromagnetic Interference and Compatibility (EMI/EMC), electrical power, direct current (DC), reliability studies, maintainability plan, preliminary weight, producibility, upgradeability, obsolescence, human engineering (troubleshooting), Built-in-Test (BIT)

& Built-in-Test Equipment (BITE), Special Support and Test Equipment (SS&TE), long-lead items, and quality processes.

CDRL Deliverable(s):

A009: Presentation Materials (PDR) (DI-ADMN-81373)

### **3.1.8.2.1 Preliminary Design Review (PDR) Report**

The Contractor shall generate and provide a detailed PDR report in accordance with CDRL A010, to include the following (a. through g.) and the Contractor shall require written Government approval prior to the Contractor proceeding to Task II.

- a. A comprehensive list of the system engineering products (including parts lists, analyses, trade studies, etc.) that make up the allocated baseline
- b. Preliminary drawings, schematics and part lists that support the design approach
- c. A risk assessment for cost, schedule and performance risks
- d. The Contractor's recommendation to proceed with the proposed design
- e. Participants of the PDR and summary of action items with closure status/plan
- f. Cost estimate per the component allocated baseline
- g. (SRVM, development design studies, environmental requirements, thermal management, EMI/EMC, electrical power, DC, reliability studies, maintainability plan, preliminary weight, producibility, upgradeability, obsolescence, human engineering (troubleshooting), BIT & BITE, SS&TE, long-lead items, and quality processes.

CDRL Deliverable(s):

A010: Report, Record of Meeting/Minutes (PDR) (DI-ADMN-81505)

### **3.1.9 Task II – Preliminary Design Implementation**

Upon written Government approval of the PDR Report (CDRL A010), the Contractor shall develop the redesigned MVPS per the approved design concept and in accordance with performance specification SPAWAR-S-SubHDR007.

#### **3.1.9.1 Critical Design Review (CDR)**

Upon completion of paragraph 3.1.9, the Contractor shall prepare and present a CDR at the Contractor's facility (unless otherwise designated by the Government) and in Contractor's format, to detail the final design for the MVPS and how the changes address the requirements set forth in the performance specification SPAWAR-S-SubHDR007. The CDR shall be scheduled and held in accordance with the Contractor's IMS. The Contractor shall deliver CDR presentation material in accordance with CDRL A011 and draft Design and Verification Test (DVT) plans and procedures in accordance with CDRL A013.

At a minimum, completion of the CDR shall result in the following:

- a. Component initial product baseline
- b. Draft DVT plan and test procedure for Government review
- c. Drawings, schematics and parts lists that support the design approach
- d. Current risk assessment for cost, schedule and performance risks
- e. Current cost estimate per the component product baseline
- f. Current program schedule including fabrication, test and evaluation, and critical path drivers
- g. Obsolescence analysis of the established baseline components
- h. The quantity of MVPSs required to conduct DVT
- i. Current SRVM, Bill of Material (BOM), electrical design, mechanical design, environmental requirements, thermal management, EMI/EMC, DC and electrical interfaces, mechanical interfaces, weight, updated reliability study, parts obsolescence predictions, maintainability, upgradeability, test results, design analysis, SS&TE, human interface, and BIT/BITE.

CDRL Deliverable(s):

A011: Presentation Materials (CDR) (DI-ADMN-81373)

A013: Test Plan/Procedures (DVT) (DI-NDTI-80603A)

### **3.1.9.1.1 Critical Design Review (CDR) Report**

The Contractor shall generate and provide a detailed CDR report in accordance with CDRL A012, to include the following (a. through h), and the Contractor shall require written Government approval prior to the Contractor proceeding to Task III.

- a. A description of the component baseline
- b. Drawings, schematics and part lists that support the design approach
- c. An assessment of risk against established exit criteria for cost, schedule and performance risks
- d. The identification of any issues/risks that could breach the product baseline or substantially impact cost, schedule or performance
- e. The quantity of MVPSs required to conduct DVT
- f. The Contractor's recommendation to proceed with the established product baseline
- g. The current SRVM, BOM, electrical design, mechanical design, environmental requirements, thermal management, EMI/EMC, DC and electrical interfaces, mechanical interfaces, weight, updated reliability study, parts obsolescence predictions, maintainability, upgradeability, test results, design analysis, SS&TE, human interface, and BIT/BITE
- h. A list of participants of the CDR and summary of action items and any issues raised during the review with closure status/plan.

CDRL Deliverable(s):

A012: Report, Record of Meeting/Minutes (CDR) (DI-ADMN-81505)

### **3.1.10 Task III – Design Verification Test (DVT)**

#### **3.1.10.1 Design Verification Test (DVT) Test Plan/Procedures**

Upon Government approval of CDRL A012, the Contractor shall develop a final written DVT test plan and procedure in accordance with CDRL A013 to demonstrate that the MVPS meets the critical performance requirements set forth in performance specification SPAWAR-S-SubHDR007.

CDRL Deliverable(s):

A013: Test Plan/Procedures (DVT) (DI-NDTI-80603A)

#### **3.1.10.2 Perform Design Verification Test (DVT)**

Upon Government approval of CDRL A013, the Contractor shall conduct DVT of the MVPS fabricated in accordance with the approved design. The testing shall be completed in accordance with the Government approved test plan and procedures (para 3.1.10.1) and the Contractor's IMS. Testing shall demonstrate the MVPS meets the key performance requirements set forth in specification SPAWAR-S-SubHDR007. Testing shall be conducted in Contractor's facility except in cases where testing requires that the MVPS be interfaced to other than simulated devices. For those instances testing shall be conducted at Naval Undersea Warfare Center, Division Newport (NUWC DIVNPT) where existing mast systems can be scheduled for use with Government approval. For any testing conducted at the Contractor's or Sub-Contractor's facility, the Government will provide Government representation to witness any and all portions of the Contractor performed testing.

Should testing of the MVPS result in failure to pass any of the approved DVT Plan/Procedures, the Contractor shall inform the Government within five (5) business days of the discovery of non-compliance.

### **3.1.10.3 Design Verification Test (DVT) Test Report**

The Contractor shall document all DVT test results and deliver a detailed test report for Government approval no later than 15 days after completion of the DVT in accordance with CDRL A014. As part of the DVT test results, the Contractor shall include a compliance matrix demonstrating how all specification requirements were met.

If test results do not demonstrate full compliance with the approved DVT Plan/Procedures, the Contractor shall identify what portions were not met and provide a complete corrective action plan as part of the DVT Test Report. Upon Government approval, the Contractor shall then begin re-work of this effort beginning with Task II, starting at SOW paragraph 3.1.9. Upon Government approval of the re-worked CDR report (CDRL A012), the Contractor shall begin re-work of Task III (SOW paragraphs 3.1.10.1, 3.1.10.2 and 3.1.10.3). This process shall continue until the Contractor demonstrates full compliance through DVT, or until the Government directs the Contractor otherwise.

CDRL Deliverable(s):

A014: Test Reports (DVT) (DI-NDTI-80809B)

### **3.1.11 Task IV - Technical Data Package (TDP)**

The Contractor shall produce and deliver a technical data package to include final product drawings, for the redesigned MVPS approved baseline in accordance with CDRLs A015 and A016.

CDRL Deliverable(s):

A015: Technical Data Package (DI-SESS-80776A)

A016: Computer Software Product End Items (DI-MCCR-80700)

## **3.2 SubHDR Multi-Volt Power Supply (MVPS) Prototype (Option CLIN 1001)**

Upon completion of DVT and Government execution of Option CLIN 1001, the Contractor shall provide program progress reports, build and deliver two (2) MVPS prototypes per the approved design, and support Government integration efforts. The Contractor shall also develop a final written Factory Acceptance Test (FAT) test plan and procedure.

### **3.2.1 Program Progress Reports**

The Contractor shall submit monthly progress reports in accordance with CDRL B001, which shall include a corresponding IMS covering the period of CLIN 1001 award through Contractor completion of all efforts contained in paragraph 3.2 of this SOW. These reports shall contain a summary of all work accomplished, work remaining, up to date delivery schedules including raw material, key personnel changes, milestone achievements, quality problems, tooling plans, and any other information requiring Government advisement. This report cycle starts when CLIN 1001 is exercised and continues until all requirements of CLIN 1001 are met to the satisfaction of the Government.

CDRL Deliverable(s):

B001: Contractor's Progress, Status and Management Report (DI-MGMNT-80227)

### **3.2.2 Factory Acceptance Test (FAT) Test Procedures**

The Contractor shall develop and deliver a final written FAT test plan and procedure in accordance with CDRL B002 to demonstrate that the MVPS meets all the requirements set forth in performance specification SPAWAR-S-SubHDR007.

CDRL Deliverable(s):

B002: Test Plan/Procedures (FAT) (DI-NDTI-80603A)

### **3.2.3 Technical Interchange Meetings (TIMs)**

The Contractor shall host and conduct TIMs, not to exceed two meetings, as directed by the Government during Contractor's execution of SOW paragraph 3.2 to report status of the fabrication of MVPS prototypes. The Government will notify the Contractor of when the TIM will be required and will provide a list of topics and/or concerns to be specifically addressed during the TIM.

The Contractor shall deliver TIM presentation material in accordance with CDRL B003 and document action items and respond to all assigned action items as a result of the TIM activity in accordance with CDRL B004.

CDRL Deliverable(s):

B003: Presentation Materials (TIM) (DI-ADMN-81373)

B004: Report, Record of Meeting/Minutes (TIM) (DI-ADMN-81505)

### **3.2.4 Hardware Deliverable: Redesigned Multi-Volt Power Supply (MVPS)**

The Contractor shall deliver two (2) prototype MVPSs in accordance with the Contractor's IMS as delivered in CDRL B002 and the requirements of CDRL B005. The prototypes shall be fabricated in accordance with the final baseline drawings and shall collectively meet all requirements of performance specification SPAWAR-S-SubHDR007 as demonstrated by the successful completion of testing defined as Factory Acceptance in table IV (test matrix) in the performance specification prior to delivery. One prototype shall be subjected to Group A testing only. All FAT results shall be provided in accordance with B006. The Contractor shall warranty the prototype MVPSs for a period of 30 days after delivery in accordance with the contract warranty clause.

CDRL Deliverable(s):

B005: Computer Software Product End Items (DI-MCCR-80700)

B006: Test Reports (FAT) (DI-NDTI-80809B)

### **3.2.5 Contractor Integration Efforts**

The Contractor shall be available to support the integration of the prototype MVPSs into the SubHDR antenna system as required. Integration support may include witnessing, troubleshooting and analysis as dictated by results of the event. The Government anticipates a one week integration period.

### **3.2.6 Travel**

The Contractor shall conduct travel to the NUWCDIVNPT and/or other Government sites as required to accomplish the necessary work.

### **3.2.7 Trip Status Report**

The Contractor shall deliver trip reports in accordance with CDRL B007 for all trips associated with efforts described in paragraph 3.2.5

CDRL Deliverable(s):

B007: Contractor's Status Report (Trip Report) (DI-MGMT-80368A)

## **3.3 SubHDR Multi-Volt Power Supply (MVPS) Special Test Equipment and Associated Drawings (Option CLIN 1002)**

Upon completion of DVT and Government execution of Option CLIN 1002, the Contractor shall deliver any required special test equipment and associated drawings and technical data in support of the new MVPS.

### **3.3.1 Multi-Volt Power Supply (MVPS) Special Test Equipment**

At time of prototype delivery per paragraph 3.2.4, the Contractor shall provide all nonstandard support equipment required for all levels of maintenance and testing of the equipment as ordered by the Government.

### 3.3.2 Multi-Volt Power Supply (MVPS) Special Test Equipment Drawings

The Contractor shall deliver product drawings and data for the special test equipment as required for life cycle support in accordance with CDRL B008 and B009.

CDRL Deliverable(s):

B008: Technical Data Package (DI-SESS-80776A)

B009: Computer Software Product End Items (DI-MCCR-80700)

### 3.4 Contract Data Requirements List

#### 3.4.1 Contract Data Requirements List (CLIN 0002)

The following contain a listing of contract data deliverable items that are required for delivery in support of CLIN 0001 as part of this contract:

CDRL Number	SOW Para	Title	DID
A001	3.1.1.	Contractor's Progress, Status and Management Report	DI-MGMT-80227
A002	3.1.2	Integrated Program Management Report	DI-MGMT-81861
A003	3.1.3	Contractor's Risk Management Plan	DI-MGMT-81808
A004	3.1.4	Contract Funds Status Report	DI-MGMT-81468
A005	3.1.5	Presentation Materials (CPAC Briefing Package)	DI-ADMN-81373
A006	3.1.5	Report, Record of Meeting / Minutes (CPAC)	DI-ADMN-81505
A007	3.1.6	Presentation Materials (TIM Briefing Package)	DI-ADMN-81373
A008	3.1.6	Report, Record of Meeting / Minutes (TIM)	DI-ADMN-81505
A009	3.1.8.2	Presentation Materials (PDR Briefing Package)	DI-ADMN-81373
A010	3.1.8.2.1	Report, Record of Meeting / Minutes (PDR)	DI-ADMN-81505
A011	3.1.9.1	Presentation Materials (CDR Briefing Package)	DI-ADMN-81373
A012	3.1.9.1.1	Report, Record of Meeting / Minutes (CDR)	DI-ADMN-81505
A013	3.1.9.1, 3.1.10.1	Test Plan/Procedures (DVT)	DI-NDTI-80603A
A014	3.1.10.3	Test Reports (DVT)	DI-NDTI-80809B
A015	3.1.11	Technical Data Package	DI-SESS-80776A
A016	3.1.11	Computer Software Product End Items	DI-MCCR-80700

#### 3.4.2 Contract Data Requirements List (Option CLIN 1004 and CLIN 1005)

The following contains a listing of contract data deliverable items that are required for delivery in support of Option CLINs 1001 and 2001 of this contract.

CDRL Number	SOW Para.	Title	DID
B001	3.2.1	Contractor's Progress, Status and Management Report	DI-MGMNT-80227
B002	3.2.2	Test Plan/Procedures (FAT)	DI-NDTI-80603A
B003	3.2.3	Presentation Materials (TIM Briefing Package)	DI-ADMN-81373
B004	3.2.3	Report, Record of Meeting / Minutes (TIM)	DI-ADMN-81505
B005	3.2.4	Computer Software Product End Items (Prototype)	DI-MCCR-80700

B006	3.2.4	Test Reports (FAT)	<i>DI-NDTI-80809B</i>
B007	3.2.7	Contractor's Status Report (Trip Report)	<i>DI-MGMNT-80368A</i>
B008	3.3.2	Technical Data Package	<i>DI-SESS-80776A</i>
B009	3.3.2	Computer Software Product End Items (Test Equipment)	<i>DI-MCCR-80700</i>

#### 4. SECURITY REQUIREMENTS

The nature of this task requires access up to SECRET information. The work performed by the Contractor, as delineated in the DD Form 254, Attachment No. 2, will include access up to SECRET data, information, and spaces. The Contractor will be required to attend meetings classified up to the SECRET level.  
paragraph