

Integrated Shipboard Network System (ISNS) Engineering, Technical, Procurement, Fabrication, Integration & Factory Acceptance Testing Support for Rack Assembly 0205897-175

NOTE: The CALI Sample Engineering Task is simply that -- a hypothetical example of what the program office expects to occur during contract performance. The selection of OS6850-P48 as a target component was not intended to forecast its end-of-life but to serve as a realistic scenario of an otherwise common occurrence among similar network components.

1.0 SCOPE:

- 1.1 This task order is to acquire Engineering, Technical and Integration and Fabrication Support to replace End-of-Life component Alcatel OS6850-P48 inside Edge Switch Rack 0205897-175 for AN/USQ-153C(V)1 ISNS Rack Assembly, POE, Small Edge Switch, Part Number 0205897-175. This is a cost plus fixed-fee (CPFF) completion severable type task order.

2.0 APPLICABLE DOCUMENTS:

- 2.1 AN/USQ-153C(V)1, Rack Assembly, POE, Small Edge Switch Drawing List
- 2.2 AN/USQ-153C(V)1, Rack Assembly, POE, Small Edge Switch Production Drawings and Procedures
- 2.3 AN/USQ-153C(V)1, Rack Assembly, POE, Small Edge Switch Factory Acceptance Testing (FAT) Procedures (may be referred to as System Integration Test--SIT)
- 2.4 AN/USQ-153C(V)1, Rack Assembly, POE, Small Edge Switch Quality Assurance Check List
- 2.5 ISNS Rack As-Built Template
- 2.6 NAVSEA Fleet Modernization Management and Operations Manual, Document Number SL720-AA-MAN-010/020 (Vol.1 Section 8)
- 2.7 Surface Ship and Carrier Entitled Process for Modernization (Rev. 1) Management and Operations Manual, Document Number SL720-AA-MAN-030 (Section 6)
- 2.8 DoDI 8320.04 Item Unique Identification (IUID) Standards for Tangible Personal Property (June 16, 2008)
- 2.9 MIL-STD-130N DEPARTMENT OF DEFENSE STANDARD PRACTICE IDENTIFICATION MARKING OF U.S. MILITARY PROPERTY (Dec 17, 2007)
- 2.10 DFARS 252.211-7003 ITEM IDENTIFICATION AND VALUATION
- 2.11 Integrated Shipboard Network System (ISNS) Access Layer Products Performance Specification Ver 1.1 dated 30 June 2008
- 2.12 OPNAV Instruction 4030.1A Navy Packaging Program

3.0 TECHNICAL REQUIREMENTS:

3.1 Engineering Design Analysis Support, Technical Drawing Support

- 3.1.1 The contractor shall use engineering design analysis to select a replacement for the following End-of-Life (EOL) component inside Edge Switch Rack 0205897-175: Alcatel OS6850-P48. The replacement component shall meet the specifications of Applicable Document 2.11 and minimize the rack's lifecycle cost to the maximum extent possible.
- 3.1.2 The contractor shall conduct a Preliminary Design Review (PDR) one month after contract award, a Critical Design Review (CDR) two months after contract award, and a Test Readiness Review (TRR) one week before Factory Acceptance Testing (FAT) at the contractor's facility.
- 3.1.3 The contractor shall revise Applicable Documents 2.1 and 2.2 in accordance with the design changes completed in Paragraph 3.1.1. Revisions to the Technical Data Packages (TDP) shall use existing packages to the maximum extent possible. CDRL A001
- 3.1.4 The contractor shall revise Applicable Documents 2.3 and 2.4 in accordance with the design changes completed in Paragraph 3.1.1. CDRLs A003A & A004
- 3.1.5 The contractor shall manage changes to approved product baselines. The contractor shall implement a Configuration Change Notification process for identification and notification to the Government of End of Production and/or End of Life for a product, or a product piece part, associated with the approved product baseline. As part of the notification process, the contractor shall identify and document all areas of ILS to be addressed and/or evaluated for impacts.
- 3.1.6 The contractor shall identify and document the impacts to Integrated Logistics Support (ILS) products. The contractor shall update and/or deliver all ILS products impacted by the design change to the new hardware baseline in the most cost effective manner while adhering to the requirements and timeline set forth in Applicable Documents 2.6 and 2.7. The only ILS products to be delivered as part of this sample task is an updated Technical Manual. CDRL A002
- 3.1.7 The Contractor shall comply with DoD requirements for the Unique Identification (UID). The contractor shall implement UID and assign UID constructs for the new hardware, and associated spare parts, identified as the replacement solution for the EOL equipment in accordance with Applicable Documents 2.8 – 2.10. CDRL A006

3.2 Fabrication Systems Support, Quality Assurance and Testing Support for One (1) Upgraded ISNS Rack Assembly, POE, Small Edge Switch, Part Number 0205897-“XXX”

- 3.2.1 Following Government approval of the Revised Applicable Documents 2.1 and 2.2, the contractor shall procure and stage the materials and equipment required for the fabrication, integration and delivery of one (1) upgraded ISNS Rack Assembly, POE, Small Edge Switch, Part Number 0205897- “XXX” in accordance with the schedule in Section 12 of this task order.
- 3.2.2 The contractor shall integrate the rack listed in paragraph 3.2.1 by configuring, fabricating, and installing components and wire harnesses in accordance with Revised Applicable Document 2.2 specifications and design parameters. The contractor shall perform point-to-point testing of all cables and connectors to certify correctness of wiring.

- 3.2.3 The contractor shall analyze previous Environmental Qualification Testing (EQT) testing and determine the most effective method to ensure that the rack remains certified. This includes analysis of the necessary measures to ensure that the rack retains its certification, attainment of Government concurrence, and performance of regression testing following Government concurrence. The contractor shall submit the analysis and EQT test plan. CDRL A003B
- 3.2.4 The contractor shall develop a Functional Validation Test Plan that ensures the modified rack still complies with Applicable Document 2.11. CDRL A003C
- 3.2.5 Following approval of Functional Validation Test Plan (CDRL A003C) developed in section 3.2.4, the contractor shall configure the rack and perform functional validation testing. CDRL A007C
- 3.2.6 Following approval of EQT Test Plan (CDRL A003B) developed in section 3.2.3 and functional testing, the contractor shall perform EQT per the EQT test plan and perform FAT in accordance with Revised Applicable Document 2.3. CDRL A007A & A007B
- 3.2.7 Following successful functional validation testing, EQT testing, and FAT testing, the contractor shall inspect the system in accordance with Revised Applicable Document 2.4 and then prepare and pack it for shipment to the Government-designated receiving activity in accordance with Applicable Document 2.12.
- 3.2.8 The contractor shall provide a summary technical report indicating all serial numbers of assemblies and subassemblies and a populated spreadsheet for use by the Government for entry of this data into the Government database in accordance with Applicable Document 2.5. CDRL A005
- 3.2.9 The contractor shall implement, adhere to and maintain all relevant International Standards Organization (ISO) 9001:2000 (or equivalent certified quality program) Work Instructions and Forms required to satisfactorily perform the tasks outlined in this Statement of Work (SOW).
- 3.2.10 The contractor shall assist the Government Technical Advisor (TA) with the Return Material Authorization (RMA) for all material identified as faulty during the Government receiving and installation process during the period of the Original Equipment Manufacturer's (OEM) warranty.

4.0 GOVERNMENT FURNISHED INFORMATION/MATERIAL/PROPERTY:

- 4.1 The Government will furnish the Applicable Documents listed in paragraph 2.0.
- 4.2 Residual Materials: All excess residual materials from this task shall be turned over to the Government via DD Form 1149 Requisition and Invoice/Shipping Document.

5.0 TRAVEL:

- 2 Trips – Point of Origin to San Diego, CA – 5 people for 2 days
- 1 Trip – Point of Origin to Rustburg, VA – 2 people for 5 days

6.0 SECURITY:

The technical requirements of this task order are unclassified.

7.0 PLACE OF PERFORMANCE:

Work will be performed at the contractor’s facilities, PEO-C4I and EQT facilities as required.

8.0 PERIOD OF PERFORMANCE:

The period of performance is estimated at six (6) months from date of contract award.

9.0 ACCEPTABLE QUALITY LEVEL:

Ability to deliver on schedule, within cost and in accordance with Section 10 of this task order.

10.0 METHOD OF SURVEILLANCE:

The Government will monitor and assess the contractor’s performance against the Acceptable Quality Level in accordance with FAR clause 52.246-5 “Inspection of Services – Cost Reimbursement”.

11.0 DELIVERABLES:

CDRL A001 – Technical Data Package

CDRL A002 – Technical Manual

CDRL A003A, B, & C – Test Plans (FAT, EQT, & Functional Validation)

CDRL A004 – As-Built Spreadsheet

CDRL A005 – Quality Assurance (QA) Checklist

CDRL A006 – UID

CDRL A007A, B, & C – Test Reports (FAT, EQT, & Functional Validation)

12.0 QUANTITIES, REQUIRED DELIVERY DATES

Quantity	Required Delivery Date
1	6 months after contract award

13.0 RECEIVING ACTIVITY

N69255

Commanding Officer Space and Naval Warfare Systems Center
SSC-PAC 4134 Network Integration Engineering Facility (NIEF)
4297 Pacific Highway
San Diego, CA 92110

CALI Sample Engineering Task

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)				<i>Form Approved</i> OMB No. 0704-0188								
<p>Public reporting burden for this collection of information is estimated to average 440 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, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information, Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contract Officer for the Contract/PR No. listed in Block E.</p>												
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY TDP x _____		TM _____ OTHER _____						
D. SYSTEM/ITEM CALI Engineering Sample			E. CONTRACT/PR NO.			F. CONTRACTOR						
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Technical Data Package			3. SUBTITLE Product Drawings / Models & Associated Lists								
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81000C		5. CONTRACT REFERENCE SOW para 3.1.3			6. REQUIRING OFFICE SPAWAR PMW 160							
7. DD250 REQUIRED No	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 ASREQ	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		b. COPIES					
<p>16. REMARKS</p> <p>BLK 4: Contractor format subject to Government approval using MIL-DTL-31000C TDP as tailored by TDP option selection worksheet.</p> <p>BLK 8: Submission requirement includes 75 calendar day draft/review cycle. Draft due 75 calendar days prior to acceptance of final article; USG review 60 calendar days; comment resolution and document update 15 calendar days.</p> <p>BLK 12&13: TDP will be updated via the CCB process for each change. A fully updated TDP will be delivered prior to acceptance of the final article.</p> <p>BLK 14: Two hard copies and one soft copy provided to PMW 160 APM. One soft copy provided to COR and Technical Advisor (TA).</p>					Draft	Final						
							Reg	Repr o				
					<p>See BLK 16</p>							
15. TOTAL												
G. PREPARED BY See Signature Cover Sheet		H. DATE		I. APPROVED BY See Signature Cover Sheet		J. DATE						

**TDP OPTION SELECTION WORKSHEET
PRODUCT DRAWINGS AND ASSOCIATED LISTS**

A. CONTRACT NO.	B. EXHIBIT/ATTACHMENT NO.	C. CLIN	D. CDRL DATA ITEM NO.
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1. DELIVERABLE PRODUCT (X and complete as applicable .)			
	a. ORIGINALS (Specify current design activity's full size reproducible drawing or digital data file(s) on which is kept the revision record recognized as official) (Identify specification, type, grade and class, etc.)		
	b. REPRODUCTIONS (Identify specifications, type, grade and class, etc., and quantity of each)		
	c. DIGITAL DATA (Identify specification, exchange media, etc. and specify original (master) or copy)		

2. CAGE CODE AND DOCUMENT NUMBERS (X ONE)			
	a. CONTRACTOR		
	b. GOVERNMENT Complete (1) and (2) or (3)		
(1) Use CAGE Code	(2) Use Document Numbers	(3) To Be Assigned By:	

3. DRAWING FORMATS AND DRAWING FORMS (X one and complete as applicable)			
	a. CONTRACTOR FORMATS. Forms to be supplied by contractor.		
	b. GOVERNMENT FORMATS. Forms to be supplied by contractor. Samples supplied by (Specify)		
	c. GOVERNMENT FORMATS. Forms to be supplied as Government Furnished Material by (Specify)		

4. TYPES OF DRAWINGS SELECTION (X one)			
	a. CONTRACTOR SELECTS		b. GOVERNMENT SELECTS (Specify in Item 8)

5. ASSOCIATED LISTS (X and complete as applicable)			
	a. PARTS LISTS (X one)	(1) Integral	(2) Separate
	b. DATA LISTS (X one)	(1) Not Required	(2) Required (Specify levels of assembly)
	c. INDEX LISTS (X one)	(1) Not Required	(2) Required (Specify levels of assembly)
	d. WIRING LISTS (X one)	(1) Not Required	(2) Required (Specify levels of assembly)
	e. INDENTURED DATA LISTS (X one)	(1) Not Required	(2) Required (Specify levels of assembly)
	f. APPLICATION LISTS (X one)	(1) Not Required	(2) Required (Specify levels of assembly)

6. DETAILS (X one)			
	a. MULTIDETAIL DRAWINGS PERMITTED		b. MONODETAIL DRAWINGS MANDATORY

7. APPLICABILITY OF STANDARDS. The following Standards apply: (X as applicable)				
a. ASME Y14.100, ENGINEERING DRAWING PRACTICES (COMMERCIAL)	B.	b. ASME Y14.100, WITH APPENDICES B, C, D, E	c. ASME Y14.34 ASSOCIATED LISTS	d. EXISTING STANDARDS DO NOT APPLY
	C.			
	D.			
	E.			

8. OTHER TAILORING (Attach additional sheets as necessary)			
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8. OTHER TAILORING (Continued)

BLOCK 2. A Drawing Number Assignment Report will be provided in MS Excel 2003 (or later) format.

BLOCKS 1 thru 4. All drawings, schematics, illustrations and models shall be drawn in vector format. Vector format of 3D based solid models shall be in accordance with (ISO) 10303 Standard for the Exchange of Product Model (STEP) data; exported from the contractor's native 3-D CAD system into either AP203 or AP214 format. Format for 2D drawings shall be in AutoCad Version 2000 (or later) or MS Visio Version 2003 (or later) native format. Drawing types acceptable in 2D format include Block Wiring Diagrams, Cable Assembly Drawings, Production Assembly Instructions, Bill of Materials, electronic design drawings and other drawings of that type. All mechanical assembly, subassembly, component and fabrication drawings will be included in the 3D STEP file. Drawings/models and associated lists shall be developed in accordance with MIL-DTL-31000C Product Drawings/Models and Associated Lists.

BLOCKS 5 thru 7. The contractor shall deliver a detailed Technical Data Package (TDP) for Product Drawings/Models and Associated Lists in accordance with MIL-DTL-31000C with additional tailoring requirements as specified below.

(a) Top Level Production Assembly, Sub-assembly, Altered items, Fabricated Parts, and Cable Assembly Drawings will include detailed information as to the specific procedures and processes required for the complete fabrication, alteration, or manufacture of these items by multiple vendors and to sustain the same level of quality of the original design of these items. This will also include specific intra-cabinet cable routing and location details. Production Assembly Instructions can be delivered as a MS Word document with annotated callouts to pictures (jpeg or bitmap) imbedded within the document or as a detailed engineering drawing.

(b) A drawing tree will be developed using MS Excel Version 2003 (or later) identifying drawing numbers of all assemblies, sub-systems, altered items, source controlled parts (if applicable), fabricated parts, and cable assemblies.

(c) Part Lists (PL) or Bill of Materials (BOM) will be developed for assemblies, sub-assemblies, altered items, fabricated parts, and cable assemblies to the level of detail required for procurement and life-cycle management of these items. Additionally, the PL or BOM will be provided in MS Excel Version 2003 (or later) in the specific format to be provided by the government for ease of import into a government owned database.

(d) Top Level Production Assembly Outline and Installation Drawing will be provided and will include installation data to assist in the further development of

installation control drawings. Refer to MIL-D-23140D, paragraph 3.3.8 Outline and Installation Drawing to determine data required.

CALI Sample Engineering Task

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)				<i>Form Approved</i> OMB No. 0704-0188							
Public reporting burden for this collection of information is estimated to average 440 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, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contract Officer for the Contract/PR No. listed in Block E.											
A. CONTRACT LINE ITEM NO.		B. EXHIBIT	C. CATEGORY TDP _____		TM _____		OTHER <input checked="" type="checkbox"/> X				
D. SYSTEM/ITEM CALI Engineering Sample			E. CONTRACT/PR NO.			F. CONTRACTOR					
1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Coordinated Test Plan				3. SUBTITLE See BLK 16						
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80937		5. CONTRACT REFERENCE SOW para 3.1.4, 3.2.3 – 3.2.6			6. REQUIRING OFFICE SPAWAR PMW 160						
7. DD250 REQUIRED No	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				
16. REMARKS BLK 3: A003A = FAT Test Plan A003B = EQT Test Plan A003C = Functional Validation Test Plan BLK 4: Contractor format acceptable in Microsoft Office compatible format. BLK 5: The contractor shall prepare and submit discrete Test Procedures for each test required and/or performed under SOW reference section(s) stated in BLK 5. BLK 10-13: The test procedures are due 60 calendar days prior to commencing test event. BLK 14: Delivery to be in digital format to distribution list agreed to by the Government.											
							Draft	Final			
								Reg	Repr		o
					15. TOTAL						
G. PREPARED BY See Signature Cover Sheet		H. DATE	I. APPROVED BY See Signature Cover Sheet			J. DATE					

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A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY TDP _____		TM _____		OTHER _____ X _____				
D. SYSTEM/ITEM CALI Engineering Sample			E. CONTRACT/PR NO.			F. CONTRACTOR						
1. DATA ITEM NO. A004	2. TITLE OF DATA ITEM Quality Assurance (QA)				3. SUBTITLE Quality Assurance (QA) Checklist							
4. AUTHORITY (Data Acquisition Document No.) ISO 9000-1		5. CONTRACT REFERENCE SOW para 3.1.4			6. REQUIRING OFFICE SPAWAR PMW 160							
7. DD250 REQUIRED No	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 ASREQ	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		b. COPIES					
<p>16. REMARKS</p> <p>BLK 4: ISO 9000-1, "Guidelines for Selection and Use, Quality Management and Quality Assurance Standards." Proposed changes by DoD activities must be submitted to the DoD Adopting Activity.</p> <p>BLK 8: Approval of the QA report is for technical content and accuracy. Approval authority is the responsibility of the contracting officer or duly authorized representative. Government response time is 30 business days.</p> <p>BLK 12&13: QA report shall be provided monthly. QA provisions shall be required NLT 30 days after Delivery Order Award.</p>												
									Draft			
											Reg	Repr o
									COR Name		1	0
									15. TOTAL		1	0
					G. PREPARED BY See Signature Cover Sheet		H. DATE		I. APPROVED BY See Signature Cover Sheet			J. DATE

CALI Sample Engineering Task

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	C. CATEGORY TDP _____ TM _____ OTHER <input checked="" type="checkbox"/> X _____						
D. SYSTEM/ITEM CALI Engineering Sample			E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. A005	2. TITLE OF DATA ITEM "As Built" Cabinet Configuration			3. SUBTITLE "As Built" Spreadsheet					
4. AUTHORITY (Data Acquisition Document No.) MIL-HDBK-61A		5. CONTRACT REFERENCE SOW para 3.2.8		6. REQUIRING OFFICE SPAWAR PMW 160					
7. DD250 REQUIRED YES	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 N/A	13. DATE OF SUBSEQUENT SUBMISSION See Block 16		a. ADDRESSEE		b. COPIES		
<p>16. REMARKS</p> <p>BLK 4: MIL-HDBK-61A (configuration Management Guidance) shall be used as guidance and ANSI/EIA-649-1998 (National Consensus Standard for Configuration Management) shall be used. Data elements shall be IAW As Built Template, included below as continuation pages.</p> <p>BLK 8: Approval is for technical content and accuracy. Approval authority is the responsibility of the contracting officer or duly authorized representative. Government response time is 30 calendar days.</p> <p>BLK 10-13: The "as built" configuration shall be provided with each CALI system delivered, and becomes part of the configuration status accounting (CSA) package and process for that item.</p> <p>BLK 14: One hard copy for each item shall be delivered packaged along with the CALI unit. One digital copy for each item shall be delivered to distribution list agreed to by the Government.</p>							Draft	Final	
							Reg	Repr o	
					COR Name		1	0	
					15. TOTAL		1	0	
					G. PREPARED BY See Signature Cover Sheet		H. DATE	I. APPROVED BY See Signature Cover Sheet	

CMPro As-Built Import Utility Instructions (last modified 24-Jan-2008)

Instructions

This import process will allow you to import data into CMPro from a standard *.CSV delimited text file containing serialized part information. Each record within the CSV file MUST include the following fields, in the order given. Each field is described below. The actual template which is to be filled out is on the second worksheet.

COLUMNS ARE ARRANGED IN A VERY SPECIFIC ORDER FOR AUTOMATED IMPORT OF DATA INTO THE CMPro "AS-BUILT" TABLES. DO NOT MODIFY THE FORMAT OF THE TEMPLATE.

Field Descriptions for the CMPro As-Built Import Utility

#	Field Name/Label on the CMPro Form	Requirements	Field Max Length	Field Description
1	PLATFORM NO	REQUIRED & Must exist in VALPLATFORMS	30	Hull Number of Platform to where an End Item, Assembly, or Component will be permanently transferred. (Leave blank if unknown).
2	PART NO	REQUIRED (UPPERCASE)	31	Part Number of all Lowest Replaceable Units (LRUs)/CONFIGURATION ITEMS(CIs). FOR CABLE ASSEMBLIES, INCLUDE THE DASH NUMBER (IN PARENTHESIS) OF THE INSTALLED CABLE IN THE PART NUMBER FIELD SO AS TO PREVENT DATABASE REJECTION OF CABLES WITH DUPLICATE SERIAL NUMBERS. All LRUs/CIs are identified by A UNIQUE "Part No./Serial No./Reference Designator" COMBINATION and duplicates are not allowed in the database.
3	PART DESCRIPTION		99	Enter a brief narrative description to uniquely identify the End Item, Assembly, or Component within the database.
4	LOCATION DATE	REQUIRED	7	Using DD-MON-YY format (Example: 05-MAY-07), enter the date the End Item, Assembly, or Component is transferred (shipped).
5	SERIAL NO	Not Required, but duplicate PART/SERIALNO not allowed (UPPERCASE)	25	Enter a serial number for all End Items, Assemblies, and Components. Blanks are allowed if the item is tied to a serialized "Next Higher Assy" and there are no duplicates. All LRUs/CIs are identified by A UNIQUE "Part No./Serial No./Reference Designator" COMBINATION and duplicates are not allowed in the database. If an duplicate Assembly, or duplicate Component does not have a serial number assigned, then use the top-level rack number followed by a 4digit sequential serial number. This will keep the part uniquely identified to a specific rack. DO NOT DUPLICATE "PART NO./SERIAL NO./REFERENCE DESIGNATOR" COMBINATIONS Because of database formatting, all leading zeros will not appear in any serial number field.
6	VERSION NO			
7	LICENSE NO			
8	RECALL DATE		7	NOT USED. LEAVE BLANK.
9	CAGE	Not Required, but duplicate PART/SERIALNO/CA GE not allowed (UPPERCASE)	5	Enter the CAGE Code of the Manufacturer of the End Item, Assembly, or Component.
10	REF DESG		78	If known, enter the reference designation of the End Item, Assembly, or Component. Otherwise, leave blank.
11	SUPPORTING DOC		30	Normally left blank. This will be populated with the DD-1149 Document Control Number once the End Item, Assembly, or Component is Shipped to it's permanent location.
12	APL		11	If known, enter the applicable Allowance Parts List (APL). Otherwise, Leave Blank.
13	PROPRIETARY GROUP	Defaults to NONE if left blank	20	Enter NONE.
14	UIC		6	NOT USED. LEAVE BLANK.
15	FOLDER		20	Enter CPF. This is merely a folder on the server where the AS-Built and other CMPro data is kept.
16	NEXT ASSY	(UPPERCASE)	30	Enter the next higher assembly of which the Assembly or Component is a part. This is critical for tying the right components to the right assembly in an indented parts breakdown (IPB) structure.
17	NEXT ASSY-SERIALNO	(UPPERCASE)	25	Enter the Serial Number of the Next Higher Assembly of which the Assembly or Component is a part. This is critical for tying the right components to the right assembly in an indented parts breakdown (IPB) structure. Because of database formatting, all leading zeros will not appear in any serial number field.
18	EIC		7	If known, enter the Equipment Identification Code (EIC). Otherwise, Leave Blank.
19	MILNOMEN		30	
20	UID		100	If known, enter the ASCII Meta Data for the Unique Identification Code (UID). Otherwise, Leave Blank
21	Manufacturer Cage			NOT USED. LEAVE BLANK
22	QTY			Always enter "1" unless there is more than one non-serialized assembly or component that listed only once in the database and tied to a single "Next Higher Assy".
23	RECORD TYPE	(UPPERCASE)		The type of item being tracked by the as-built record. Possible choices are Hardware, Software or Firmware.
24	SECURITY	(UPPERCASE)		The Security level of the item. CLASSIFIED, S/SI, SCI, SECRET, TOP SECRET, UNCLASSIFIED
25	NETWORK TYPE			The Network type. E.g. ATM, GIG-E, FCFC 2, 10Mbps Ethernet

Additional Instructions

1. If there is not a serial number for the part, leave the column blank. Do not put N/A or a '-', the record will be rejected.
2. Field data containing Comma(s), single-quote(s) and/or in-line line-feed(s)/carriage-returns must be enclosed in double-quotes ("). In-line double-quote(s) (") must be double
3. Import Filenames can only be used once unless you use the MOVE or DELETE existing records option. Using the SKIP option If a part any part is imported from a file, that file
4. Be careful with hidden characters, usually generated by copying and pasting from Microsoft Word.
5. To designate 'Inches' use: '-in'
6. Avoid the Degree symbol (The small circle used to denote degrees)

7. Field data containing Comma(s), single-quote(s) and/or in-line line-feed(s)/carriage-returns must be enclosed in double-quotes ("). In-line double-quote(s) (") must be double double-quoted (") per general CSV standard(s).
8. The 'PLATFORM' and 'MILNOMEN' fields must match CPro pre-defined values, but the NIEF, who will import into CPro, can probably QA these
9. The 'PLATFORM' and 'LOCATION DATE' fields may not be known until after hardware is fielded. Therefore these fields may be populated by the NIEF at later date

Platform No.	Part No	Part Description	Location Date	Serial No	Version No	License No	Recall Date	CAGE	Ref. Designation	Supporting Doc	APL	Proprietary Group	UIC	Folder	Next Assy	Nest Assy Serial No.	EIC	Minomen	UID	Manufacturer Cage	Qty	Record Type	Security	Network Type
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CALI Sample Engineering Task

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						<i>Form Approved</i> OMB No. 0704-0188								
Public reporting burden for this collection of information is estimated to average 440 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, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contract Officer for the Contract/PR No. listed in Block E.														
A. CONTRACT LINE ITEM NO.			B. EXHIBIT		C. CATEGORY TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>									
D. SYSTEM/ITEM CALI Engineering Sample			E. CONTRACT/PR NO.			F. CONTRACTOR								
1. DATA ITEM NO. A006		2. TITLE OF DATA ITEM Unique Identification Marking				3. SUBTITLE Unique Identification Marking								
4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-80177B			5. CONTRACT REFERENCE SOW para 3.1.7			6. REQUIRING OFFICE SPAWAR PMW 160								
7. DD250 REQUIRED NO		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						
16. REMARKS BLK 4: DI-MGMT-80177B, MIL-STD-130N, and Office of the Principal Deputy Under Secretary of Defense (Acquisition, Technology & Logistics) Publication, Department of Defense Guide to Uniquely Identifying Items Assuring Valuation, Accountability and Control of Government Property, Version 1.6, June 1, 2006. http://www.acq.osd.mil/dpap/pdi/uid/index.html DI-MGMT-80177A MAY BE USED AS AN EXAMPLE, SUBSTITUTING "UNIQUE IDENTIFICATION (UID) FOR "BAR CODE" AND OMITTING MAGNETIC TAPE MEDIA FORMAT. USE DoD ELECTRONIC COMMERCE METHODS. PARA 10.2.1 – 10.2.15: REORDER/RENAME FIELDS FOR UID DATA ELEMENTS: 10.2.1 UID OF THE DELIVERED ITEM THAT CONTAINS THE EMBEDDED SUBASSEMBLY, COMPONENT OR PART, 10.2.2 UID OF THE EMBEDDED SUBASSEMBLY, COMPONENT OR PART 10.2.3 UID TYPE 10.2.4 ISSUING AGENCY CODE 10.2.5 ENTERPRISE IDENTIFIER 10.2.6 ORIGINAL PART NUMBER 10.2.7 SERIAL NUMBER 10.2.8 UNIT OF MEASURE 10.2.9 DESCRIPTION 10.2.10 - 10.2.15 NOT USED The contractor shall provide DoD unique item identification, or a DoD recognized unique identification equivalent, for maintenance significant o-level IRUS embedded within items for which the government's unit acquisition cost is \$5,000 or more. The contractor shall also report all IRUS with unique identification embedded within delivered end items. BLK 8: Approval is for technical content and accuracy. Approval authority is the responsibility of the contracting officer or duly authorized representative. Government response time is 30 calendar days. BLK 11-13: Concurrent with system delivery. BLK 14: Unique item identification shall be marked on specified LRUs in accordance with BLK 4 referenced MIL-STD AND DUSD (AT&L) publication. UID delivery to be in digital format to distribution list as agreed to by the Government.						b. COPIES		Draft	Final		Reg	Repro		
						COR Name							1	0
						15. TOTAL							1	0
						G. PREPARED BY See Signature Cover Sheet			H. DATE		I. APPROVED BY See Signature Cover Sheet			J. DATE

CALI Sample Engineering Task

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)					<i>Form Approved</i> OMB No. 0704-0188								
<p>Public reporting burden for this collection of information is estimated to average 440 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, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, D.C. 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contract Officer for the Contract/PR No. listed in Block E.</p>													
A. CONTRACT LINE ITEM NO.		B. EXHIBIT	C. CATEGORY TDP _____ TM _____ OTHER <input checked="" type="checkbox"/> X _____										
D. SYSTEM/ITEM CALI Engineering Sample		E. CONTRACT/PR NO.		F. CONTRACTOR									
1. DATA ITEM NO. A007	2. TITLE OF DATA ITEM Test Report		3. SUBTITLE See BLK 16										
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B		5. CONTRACT REFERENCE SOW para 3.2.5 & 3.2.6		6. REQUIRING OFFICE SPAWAR PMW 160									
7. DD250 REQUIRED No	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						
<p>16. REMARKS</p> <p>BLK 3: A007A = FAT Test Report A007B = EQT Test Report A007C = Functional Validation Test Report</p> <p>BLK 4: Contractor Format acceptable in Microsoft Office compatible format.</p> <p>BLK 5: The contractor shall prepare and submit discrete test reports for each test required and/or performed under SOW reference section(s) stated in BLK 5.</p> <p>BLK 10-13: The test procedures are due 60 calendar days after test event.</p> <p>BLK 14: Delivery to be in digital format to distribution list agreed to by the Government.</p>													
					COR Name		Draft	Final					
								Reg	Repr o				
								1	0				
15. TOTAL							3	0					
G. PREPARED BY See Signature Cover Sheet		H. DATE	I. APPROVED BY See Signature Cover Sheet			J. DATE							