AWARD/CONTRACT	1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)	RATING DO-A7	PAGE OF 1
2. CONTRACT *(Proc. Inst. Ident.)* NO. M67854-11-C-0205	3. EFFECTIVE DATE 04 Feb 2011	4. REQUISITION/PURCHASE REQUEST/PROJECT NO.	

5. ISSUED BY CODE M67854	6. ADMINISTERED BY *(If other than Item 5)* CODE
MARCORSYSCOM PEO (LS) ATTN: SUE BANACH 2200 LESTER STREET QUANTICO VA 22134	**See Item 5**

7. NAME AND ADDRESS OF CONTRACTOR *(No., street, city, county, state and zip code)*	8. DELIVERY [ ] FOB ORIGIN [X] OTHER *(See be*
THALES-RAYTHEON SYSTEMS COMPANY LLC PAUL DETTERICH 1801 HUGHES DR FULLERTON CA 92833-2200	9 DISCOUNT FOR PROMPT PAYMENT Net 30 Days
	10 SUBMIT INVOICES *(4 copies unless otherwise specified)* TO THE ADDRESS SHOWN IN: — ITEM
CODE 1TDN2 — FACILITY CODE	

11. SHIP TO/MARK FOR CODE M67854	12. PAYMENT WILL BE MADE BY CODE M67443
PROGRAM EXECUTIVE OFFICER, LAND SYSTEMS MR. DONALD KELLEY CAC2S 2200 LESTER STREET QUANTICO VA 22134	DFAS - COLUMBUS CENTER (M67443) MAR NE CORPS VENDOR PAY ATTN: KANSAS P.O. BOX 369022 COLUMBUS OH 43218-9022

13. AUTHORITY FOR USING OTHER THAN FULL AND OPEN COMPETITION:	14. ACCOUNTING AND APPROPRIATION DATA
[ ] 10 U.S.C. 2304(c)( ) [ ] 41 U.S.C. 253(c)( )	**See Schedule**

15A. ITEM NO.	15B. SUPPLIES/ SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AM
	SEE SCHEDULE				
				15G. TOTAL AMOUNT OF CONTRACT	**$4,99**

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(X)	SEC.	DESCRIPTION	PAGE(S)	(X)	SEC.	DESCRIPTION
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X	B	SUPPLIES OR SERVICES AND PRICES/ COSTS	2 - 4	**PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHM**		
X	C	DESCRIPTION/ SPECS./ WORK STATEMENT	5 - 18	X	J	LIST OF ATTACHMENTS
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X	E	INSPECTION AND ACCEPTANCE	20		K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS
X	F	DELIVERIES OR PERFORMANCE	21			
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CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17 [X] CONTRACTOR'S NEGOTIATED AGREEMENT Contractor is required to sign this document and return 1 copies to issuing office) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein (Attachments are listed herein)	18 [ ] AWARD (Contractor is not required to sign this document) Your offer on Solicitation Number M67854-10-R-0203-0003 including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract No further contractual document is necessary

19A. NAME AND TITLE OF SIGNER *(Type or print)*	20A. NAME OF CONTRACTING OFFICER SUSAN L. BANACH / CONTRACTING OFFICER TEL: 703-432-3073 EMAIL: susan.banach@usmc.mil

19B. NAME OF CONTRACTOR	19C. DATE SIGNED	20B. UNITED STATES OF AMERICA	20C. DATE S
BY _____ *(Signature of person authorized to sign)*		BY Susan L. Banach *(Signature of Contracting Officer)*	03-Feb-201

Section C - Descriptions and Specifications

DESCRIPTION AND SPECIFICATIONS

Thales Raytheon Statement of Work (SOW)

CAC2S Increment I Phase 2

Table of Contents

1.0 SCOPE

The Common Aviation Command and Control System (CAC2S) is a coordinated modernization effort to replace the existing aviation command and air control equipment of the Marine Air Command and Control System (MACCS) and to provide the Aviation Combat Element (ACE) with the necessary hardware, software, equipment, and facilities to enable effective command and control (C2) of all aviation assets in support of the Marine Air-Ground Task Force (MAGTF).

CAC2S Increment I, Phase 2 has been structured to accommodate the integration of technologies necessary for the CAC2S Sensor/Data Subsystem (SDS) to meet remaining CAC2S Increment I Capability Production Document (CPD) requirements. Phase 2 will implement CAC2S Increment I capabilities by leveraging Phase 1 to the maximum extent possible and by creating an integrated SDS with relevant Phase 1 Processor Display Subsystem (PDS) and Communication Subsystem (CS), thereby fully meeting CAC2S Increment I requirements. The Phase 2 effort will produce a complete CAC2S Increment I capability by integrating Technology Readiness Level (TRL) 9 components and interfacing with the Phase 1 PDS to the maximum extent possible and providing the smallest PDS/SDS transportability footprint possible.

This Contractor Statement of Work (CSOW) outlines the Contractor's responsibilities for:
Development and integration of a CAC2S Increment I Phase 2 SDS Prototype
Integration of the Prototype with the CAC2S System Integration Lab (SIL) located at the Naval Surface Warfare Center (NSWC) Dahlgren
Demonstration of the Prototype **at the Marine Corps Tactical Systems Support Activity (MCTSSA) CAC2S** System Test and Integration Lab (STIL) at Camp Pendleton, and
Completion of analyses addressing a single transportability platform and software/component architecture.

1.1 Background

The CAC2S system will accomplish the MACCS missions with a suite of operationally scalable modules capable of supporting any operational contingency. CAC2S integrates the functions of aviation command and air control into an interoperable naval system that will support the core competencies of all Marine Corps warfighting concepts. CAC2S, in conjunction with MACCS organic sensors and weapons systems, supports the tenets of Expeditionary Maneuver Warfare and fosters joint interoperability. CAC2S Increment I will replace legacy aviation command and air control systems in the following Marine aviation agencies: Tracking and Control Center (TACC), Tactical Air Operations Center (TAOC), and Direct Air Support Center (DASC). Future increments encompassing Marine Air Traffic Control Detachment (MATCD), Low Altitude Air Defense Battalion (LAAD BN), and airborne node capabilities are anticipated but are not yet baselined.

1.2 Mission

CAC2S will modernize the capability of the MACCS to support the planning and execution of aviation operations for the MAGTF. In addition, serving as the foundation for MAGTF C2 strategy, CAC2S will remain flexible in order to enable the evolution of MAGTF C2 into the overall MAGTF Combat Operations Center (COC). The CAC2S acquisition represents a modernization effort that will serve to remedy the operational, technical, and logistical deficiencies of the existing MACCS by replacing those legacy systems with a common suite of equipment. CAC2S will allow for the consolidation of the existing functionality of legacy MACCS systems into a single system capable of performing those various functions with a common suite of equipment and software applications. CAC2S will provide operators with planning and execution capabilities for aviation operations that will interface with legacy MACCS systems, current MAGTF C2 communications and intelligence systems, jointly mandated systems, and future Joint and MAGTF C2 communications and intelligence systems. CAC2S will provide the capability to simultaneously support current operations and planning for future operations. The primary intent of CAC2S is to ensure that the MACCS is capable of supporting MAGTF operations in both current and emerging MAGTF and Joint, Interagency, and Multi-National (JIM) operational environments.

1.3 Objectives

The CAC2S Increment I, Phase 2 contract objectives are:

1.3.1 Integrate TRL 9 components to demonstrate a CAC2S Increment I Phase 2 Prototype and the potential of the Contractor's Phase 2 Prototype to meet Increment I requirements, which integrate/interface with and leverages the PDS Phase 1 baseline to the maximum extent possible

1.3.2 Provide an analysis to physically integrate the core PDS/SDS functionally allocated capabilities into a single transportability platform to meet CAC2S Increment I modularity, scalability, and transportability requirements for the TACC, TAOC, and DASC, to include detailed technical drawings.

1.3.3 Provide an analysis and rationale of the Contractor's architecture to include the identification of replaced or modified Phase 1 PDS software/components, proposed new software/components, and allocation of functionality to meet full CAC2S Increment I capability.

2.0 APPLICABLE DOCUMENTS

2.1 General

The documents listed below are not necessarily all of the documents referenced herein, but are the ones that are needed in order to fully understand the information provided by this CSOW.

2.2 Government Documents

2.2.1 Specifications, Standards, and Handbooks
The following documents are listed here for reference and are implemented as guidance in the execution of the tasks in this CSOW. Unless otherwise specified, the issues of these documents are those listed as the latest version in the Acquisition Streamlining and Standardization Information System (ASSIST) database.

2.2.2 Department of Defense Standards
MIL-STD 129P, Military Marking for Shipment and Storage, 19 Sep 2007
MIL-STD-882D, Standard Practice for System Safety, 10 Feb 2000
MIL-STD 3011, Interoperability Standard for the Joint Range Extension Application Protocol (JREAP), 30 Sep 2002
MIL-STD-6011D, Tactical Data Link (TDL) 11/11B Message Standard, 12 Oct 2009
MIL-STD-6016D, Tactical Data Link (TDL) 16 Message Standard, 12 Dec 2008
MIL-STD-6020A, Data Forwarding Between Tactical Data Links (TDLs), 1 May 2009
MIL-STD-6040, US Message Text Format (USMTF) Description, 26 Aug 2009

2.2.3Department of Defense Handbooks
MIL-HDBK-61A, Configuration Management Guidance, 7 Feb 2001
MIL-HDBK-245D, Preparation of Statement of Work (SOW), 3 Apr 1996
DoD 5220.22M, National Industrial Security Program Operating Manual (NISPOM), 28 Feb 2006, as supplemented

2.2.4 Other Government Documents, Drawings and Publications
ANSI-EIA-649, National Consensus Standard for Configuration Management, 10 Jul 1998
ASTM D3951-98, Standard Practice for Commercial Packaging, 2004

3.0 REQUIREMENTS

3.1 Program Management (CLIN 0001)

3.1.1 The Contractor shall have a management approach with a seamless, organized team to successfully provide an integrated Phase 2 Prototype.

3.1.2 The Contractor shall appoint a single Program Manager (PM) for all activities relating to the CAC2S Increment I Phase 2 Program. The PM shall be solely responsible for the overall control and coordination of the Contractor's program activities. The PM shall maintain overall responsibility for program and sub-contract performance to support necessary program aspects, including requirements allocation, interfaces, configuration control, and Government Furnished Equipment/Items (GFE/I).

3.1.3 The PM shall maintain a formal organization of management disciplines to identify, manage, and mitigate program risks to ensure successful integration, implementation, and operation of this contract.

3.1.4 The Contractor shall provide monthly reports (CDRL BB01, Contractor's Monthly Progress Report), and respond to Government information requests. Reports shall be submitted electronically by the 10th day of each month beginning 30 days after contract award.

3.1.5 The Contractor shall also provide a monthly report on the status of Government materials (CDRL BB06, Receipt of Government Material Report). Reports shall be submitted electronically, in conjunction with the Contractor's Monthly Progress Report, by the 10th day of each month beginning 30 days after contract award.

3.1.6 The Contractor shall provide responses to Government requests for information within the scope of the contract and this CSOW (CDRL BB07, Request for Information Responses). Responses shall be submitted electronically within seven days of receipt of Government request.

3.2 Government/Contractor Teaming

3.2.1 The Contractor will use an Integrated Product Team (IPT) approach in managing this program. In an effort to emphasize the delivery of quality services and products, an extraordinary amount of communication is required among integrated Government/Contractor team members at all levels of the workforce.

3.2.1.1 The Contractor will offer opportunities for Marine Corps participation in various technical forums to help shape final solutions. These forums will provide the opportunity for Marine Corps Subject Matter Experts (SMEs) to have an early view of solutions and participate in key technical decisions. The forums will allow the Government to provide essential inputs of expectations and understanding into the Contractor's offered products and services, as well as enhancing the Contractor's insight into the Marine Corps systems, tactics, techniques, and procedures associated with CAC2S.

3.2.1.2 These forums will assure Government stakeholder voices are heard by the Contractor and services and products remain aligned with Government expectations. These forums will allow peer-to-peer contact, documentation of expectations, and technical interchange meetings.

3.2.1.3 The Contractor recognizes that the level of support provided by the Government for these forums, if any, is not a Government obligation.

3.2.1.4 Forums will be planned and organized with the consent and in coordination with the Government Contracting Office.

3.2.1.5 The Contractor will ensure most efficient use of SMEs by placing priority on analysis of Government data provided via the contract data package and Government-provided access to Defense Knowledge On-Line, Defense Information Systems Network-Leading Edge Services (DISN-LES), and other documentation or access the Government may provide or grant.

3.2.2 The Contractor recognizes that the Contracting Office is the only Government representative authorized to take action that constitutes a change in the terms and conditions of the contract.

3.2.3 The Contractor also recognizes that the Government shall not be liable for the costs associated with Government conduct that the Contractor considers to constitute a change to this contract if the appropriate notification required by FAR 52.243-7 is not provided within 10 days of such Government conduct.

3.3 Interim Program Reviews (IPR) (CLIN 0001)

3.3.1 The Contractor shall conduct an initial IPR within two (2) months after contract award to update the CAC2S Program Office on the CPD and System/Subsystem Specification (SSS) requirements that will be demonstrated as part of the Phase 2 Prototype Demonstration. This IPR shall address:

- The approach and schedule to integrate the prototype TRL 9 components within the CAC2S SIL at NSWC Dahlgren.
- The initial status on the development of the Single Transportability Platform Analysis.
- The initial status on the development of the Software/Component Architecture Analysis.

3.3.1.1 The Contractor shall submit electronically an IPR agenda (CDRL BB03, Meeting Agenda) 10 days prior to the IPR.

3.3.1.2 The Contractor shall submit electronically IPR briefing materials (CDRL BB05, Technical Briefing Material) 5 days prior to the IPR.

3.3.1.3 The Contractor shall submit electronically IPR meeting minutes (CDRL BB04, Meeting Minutes) 10 days after the IPR.

3.3.2 **The Contractor shall conduct a second IPR within four (4) months after contract award to provide evidence that the Contractor will be ready to integrate the Prototype at the MCTSSA CAC2S** STIL in preparation for the Phase 2 Demonstration. This IPR shall also address:

- An update on the status on the development of the Single Transportability Platform Analysis.
- An update on the status on the development of the Software/Component Architecture Analysis.

3.3.2.1 The Contractor shall submit electronically an IPR agenda (CDRL BB03, Meeting Agenda) 10 days prior to the IPR.

3.3.2.2 The Contractor shall submit electronically IPR briefing materials (CDRL BB05, Technical Briefing Material) 5 days prior to the IPR.

3.3.2.3 The Contractor shall submit electronically IPR meeting minutes (CDRL BB04, Meeting Minutes) 10 days after the IPR.

3.4 Integrated Master Schedule (IMS) (CLIN 0001)

3.4.1 The Contractor shall develop, implement, maintain, and manage an Integrated Master Schedule (IMS). The program IMS is an essential tool for both the Contractor and the Government in managing the program, tracking critical activities, and evaluating potential impacts of problems encountered.

3.4.2 The IMS shall fully describe program activities and progress that is closely tied to program cost reporting.

3.4.3 The IMS shall describe Contractor activities throughout the contract period of performance and will show projected activities through the CAC2S Phase II Critical Design Review (CDR).

3.4.4 The Contractor shall provide monthly updates to the IMS (CDRL BB02, Contractor's Monthly IMS Update) to address progress against the plan. Updates shall be submitted electronically by the 10th day of each month beginning 30 days after contract award.

3.5 Integration (CLIN 0002)

3.5.1 The Contractor shall provide the system engineering, development, and integration of a Phase 2 Prototype which will leverage the Phase 1 PDS to the maximum extent possible. This includes any interface development, Dahlgren CAC2S SIL site visit, and integration.

3.5.2 The Dahlgren CAC2S SIL will provide opportunity for the Contractor to mature test bed interfaces and self-assess capabilities prior to the MCTSSA CAC2S STIL Demonstration period.

3.5.3 The Contractor will conduct an integration and assessment of their Phase 2 Prototype at the Dahlgren CAC2S SIL in ~~three~~ sessions beginning ~~three (3) months~~ after contract award.

3.5.4 In accordance with Government site information assurance (IA) regulations, the Contractor shall provide "DISA Gold Disk Scan" and "Eye Retina Scan" prior to the installation of the Contractor's Phase 2 Prototype software/component at the Dahlgren CAC2S SIL (CDRL BA03, DISA Gold Disc Scan and Eye Retina Scan Results and Mitigations Report). This is required to document that the Contractor's Phase 2 Prototype is IA compliant. Any deficiencies or vulnerabilities noted that will prevent the integration/demonstration of the Phase 2 Prototype shall be corrected by the Contractor prior to the integration event. The report shall be submitted electronically seven days prior to installing the Contractor's Phase 2 Prototype at the Dahlgren CAC2S SIL.

3.6 Demonstration (CLIN 0003)

3.6.1 The Contractor shall conduct the Phase 2 Prototype Demonstration within ~~seven (7) months~~ after contract award, or ~~anytime thereafter~~.

3.6.2 The Contractor shall provide the system engineering and the Phase 2 Prototype for Demonstration, and testers to support the Phase 2 Prototype Demonstration at MCTSSA to include: the site visit at MCTSSA, Demonstration Readiness Review (DRR), and actual Demonstration at MCTSSA.

3.6.3 The Contractor's CAC2S Phase 2 Demonstration shall demonstrate a Phase 2 Prototype that provides sufficient track sources and system track management functionality to support assessment of multi-source integration capability and the potential of achieving full Increment I requirements in the MCTSSA CAC2S STIL. In addition, the Contractor's CAC2S Phase 2 Prototype Demonstration shall integrate TRL 9 components to demonstrate a CAC2S Increment I Phase 2 Prototype and the potential of the Contractor's Phase 2 Prototype to achieve Increment I requirements.

3.6.4 Immediately preceding the Demonstration, the Contractor shall integrate the Phase 2 Prototype at the MCTSSA CAC2S STIL.

3.6.5 The Contractor shall provide Data Recording, Extraction, Reduction (DX/DR) capabilities to record and extract the Phase 2 Prototype internal system track data (i.e. data needed to reconstruct the fused, local and remote, track picture) in a standard format (JITC-JIEO Tactical Data Link (TDL) Data Extraction and Reduction Guide (DERG)) or in any machine readable format along with the associated field definitions documentation (CDRL BA04, DX/DR Data Definitions/Recording). The provided DX/DR will be used to verify capabilities of the Phase 2 Prototype internal system and shall be utilized to develop the Government assessment of the Phase 2 Prototype Demonstration. The DX/DR field definitions shall be delivered electronically and via removable media 30 days prior to the Contractor's Phase 2 Prototype Demonstration. The DX/DR recordings of the Demonstration will be delivered daily at the conclusion of each day's events.

3.6.6 The Contractor's Phase 2 Prototype shall be demonstrated utilizing the Contractor's operators/technicians and evaluated against Government developed scenarios to stress the inherent CAC2S Increment I Phase 2 capabilities.

3.6.7 In accordance with Government site IA regulations, the Contractor shall provide "DISA Gold Disk Scan" and "Eye Retina Scan" prior to any installation of Phase 2 Prototype software/component at the MCTSSA CAC2S STIL (CDRL BA03, DISA Gold Disc Scan and Eye Retina Scan Results and Mitigations Report). This is required to document that the Contractor's Phase 2 Prototype is IA compliant. Any deficiencies or vulnerabilities noted that will prevent the integration/demonstration of the Phase 2 Prototype shall be corrected by the Contractor prior to the demonstration event. The report shall be submitted electronically seven days prior to installing the Contractor's Phase 2 Prototype at the MCTSSA CAC2S STIL.

3.6.8 The Contractor shall demonstrate the following capabilities for the Phase 2 Prototype at the MCTSSA CAC2S STIL:

- Multi-source integration of real-time, near-real and non-real time tracks/data, measured against the classified CPD Annex in building a Situational Awareness (SA) picture. The following external interfaces will be available:
    - TPS-59 for Track/Interrogation Friend or Foe (IFF) data and local Sensor Control
    - TPS-63 for Track/IFF data and local Sensor Control
    - Composite Tracking Network (CTN) (via Wrap-Around Simulation Program (WASP)) for Local Radar and CTN Remote Tracks
    - Link 16 via Multi-Functional Information Distribution System terminal (MIDS LVT-11) for J-series message implementation and usage
    - TDL Link 11 A/B, for M-series message implementation and usage

  - Joint Range Extension Application Protocols (JREAP) A/B/C
  - Intelligence Operations Server (IOS) V1, for Advanced Field Artillery Tactical Data System (AFATDS)/Global Command & Control System (GCCS), and Embedded National Tactical Receiver (ENTR) Tracks and Data
  - Theater Battle Management Core Systems (TBMCS)
- System Track Management functionality at various track loading to include:
  - Track number assignment, processing, and management
  - Correlation and association capability
  - Identification (ID) of tracks and ID conflict resolution
  - Track continuity
  - Track capacities/track load
- CTN Control and Sensor Control of the local TPS-59 via CTN. Utilization of CTN Combat ID doctrine to determine the ID of local tracks.
- Variable Message Format (VMF) protocol, for use in communicating tactical information
- Human Systems Integration (HSI) aspects (e.g., display, ergonomics, ease of use) of the system will be assessed based on the CAC2S Increment I requirements as well as HSI standards.
- Integration of Administrative Tools (Microsoft Office, etc.) and Command Tool application(s) (Airspace Control Measures (ACM), Air Tasking Orders (ATO), collaborative tools, etc.). The Government will assess the tools and applications used or facilitated by the prototypes.
- System Built-In-Test (BIT) capability that runs at system startup and during system operations so that operators/maintainers are alerted for Lowest Replaceable Units (LRU) fault detection and isolation
- System Training capability that provides the ability to train individual operators and maintainers, as well as crews, in order to increase operator and maintainer proficiency. Simulated scenarios are adequately diverse and robust to provide from simple garrison training scenarios to complex exercise training adequate for Marine Expeditionary Force (MEF) level work-ups.

3.6.9 The Contractor acknowledges the Government will utilize the Phase 2 Prototype Demonstration results in conjunction with the Contractor's proposal when evaluating for the follow-on contract award.

3.7 Demonstration Readiness Review (DRR) (CLIN 0003)

3.7.1 Upon completion of the Prototype integration in the MCTSSA CAC2S STIL and prior to conducting the Demonstration, the Contractor shall conduct a DRR to provide evidence that the Contractor is ready to conduct the Phase 2 Demonstration.

3.7.2 The DRR agenda (CDRL BB03, Meeting Agenda) will be determined 24 hours prior to the DRR in conjunction with the Government Evaluation Lead.

3.7.3 The Contractor shall provide DRR briefing materials (CDRL BB05, Technical Briefing Material) at the start of the DRR.

3.7.4 The Contractor shall submit electronically DRR meeting minutes (CDRL BB04, Meeting Minutes) 10 days after the DRR.

3.8 Single Transportability Platform Analysis (CLIN 0004)

3.8.1 The Contractor shall provide an analysis of the Contractor's solution to physically and functionally integrate the PDS/SDS into a single transportability platform to meet CAC2S Increment I modularity, scalability, and transportability requirements, to include detailed technical drawings (CDRL BA02, Single Transportability Platform Analysis).

3.8.2 The analysis shall be submitted electronically within eleven (11) months after contract award.

(b) (4)

3.9 Software/Component Architectural Analysis (CLIN 0005)

(b) (4)

(b) (4)

3.9.2 The analysis shall be submitted electronically within eleven (11) months after contract award.

3.9.3 The analysis shall include:

- A preliminary software architecture identifying functional allocation between PDS/SDS, Computer Software Configuration Items (CSCI) and functional flow between the components to meet CAC2S Increment I capability. This shall include the use of the MIDS, JRE, TDL A/B and Cooperative Engagement Capability (CEC)/CTN Single Data Processor (SDP) as the track manager for the TPS-59 and TPS-80 Ground/Air Task Oriented Radar (GATOR).
- How the proposed PDS/SDS solution emphasizes a modular and open architecture approach. This description should include the Contractor's use of standards-based Commercial Off the Shelf (COTS)/Non-Developmental Item (NDI) hardware, operating systems, and middleware. The Contractor shall identify any proprietary solutions associated with hardware, operating systems, middleware, or any other components within their proposed solution. The Contractor shall also identify all key interfaces within their solution and characterize the interfaces as standards compliant or proprietary in nature.

(b) (4)

- A preliminary trace of the CAC2S Increment I CPD and SSS requirements to the proposed CSCIs to meet full CAC2S Increment I capability.

- A preliminary security requirements traceability matrix to the IA Control Identification Document.
- Rationale/assumptions for replaced, modified or new proposed Phase 1 PDS software/components.
- Existing documentation to include: commercial/contractor manuals, training material, etc.