

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 44
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 13-Mar-2015	4. REQUISITION/PURCHASE REQ. NO. 4UH50001		5. PROJECT NO.(If applicable)
6. ISSUED BY DEFENSE MICROELECTRONICS ACTIVITY CONTRACTING DIVISION 4234 54TH STREET MCCLELLAN CA 95662-2100	CODE H94003	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. HQ0727-15-R-0001	
		X	9B. DATED (SEE ITEM 11) 17-Feb-2015	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) See Page 2				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL:	EMAIL:	
15B. CONTRACTOR/OFFEROR _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED 13-Mar-2015

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

PURPOSE OF RFP AMENDMENT 01

A. The purpose of this amendment is to correct the Organizational Conflict of Interest clauses (52.209-9000, 52.209-9001, 52.209-9002), remove an incorrect reference to 52.246-9001 in the Small Business Utilization Clause (52.219-9000), make spelling correction to the PWS CDRL A001 block 16, and to correct the wording and tables of the IFPP for clarity,

B. Other than clause dates, specific changes to the OCI clauses and the IFPP are as follows:

- 52.209-9000: (b)(6) revised for consistency, (b)(6)(A – D) removed for consistency, (c)(2 & 3) corrected, (d) clerical change
- 52.209-9001: (a)(1& 5) removed & others renumbered, (a)(5)(F) revised for consistency, (b)(1) corrected, (c) revised for consistency, (c)(1 – 3) removed
- 52.209-9002: (a)(4) revised
- 52.219-9000: Removed reference to 52.246-9001
- ATSP4 PWS: CDRL A001 Block 16 spelling error corrected
- IFPP: 1.2(a) revised for consistency, 3.2(d) empty rows in tables for subfactors 2.2, 2.3, and 2.5 filled in for illustration, 4.1.1(f) revised for clarity, 6.1(a) revised for consistency, 6.1(b)(1) revised for clarity, 6.1(b)(2) revised for consistency, 8.0(f)(2) revised for clarity.

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following included by full text have been revised:

52.209-9000 ORGANIZATIONAL CONFLICT OF INTEREST (MAR 2015) DMEA

(a) Definitions:

- (1) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise

impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, Teaming Arrangements, and other business enterprises.

(2) The term "contractor" as used in this clause, includes any person, firm or corporation which has a majority or controlling interest in the contractor or in any parent corporation thereof, any person, firm, or corporation in or as to which the contractor (or any parent or subsidiary corporation thereof) has a majority or controlling interest. The term also includes the corporate officers of the contractor, those of any corporation which has a majority or controlling interest in the contractor, and those of any corporation in which the contractor (or any parent or subsidiary corporation thereof) has a majority or controlling interest. All references to the "Contractor" as contained in this clause shall apply with equal force to all of these included.

(3) "Contract" and "task order" shall be used as applicable to the level at which this clause is being invoked.

(b) Impact on Future Agency Contracts and Task Orders:

(1) The following examples illustrate situations in which questions concerning organizational conflicts of interest may arise. They are not all inclusive, but are intended to help the Contracting Officer apply general guidance to individual contract and task order situations:

(2) Unequal access to information. Access to "nonpublic information" as part of the performance of a task order provided under the contract or work performed under a separate government contract could provide the contractor a competitive advantage in a later competition. Such an advantage could easily be perceived as unfair by a competing vendor who is not given similar access to the relevant information. If the requirements of the government procurement anticipate the successful vendor may have access to nonpublic information, the successful vendor should be required to submit and negotiate an acceptable mitigation plan. Alternatively, the "nonpublic information" may be provided to all vendors.

(3) Biased ground rules. A contractor in the course of performance under a task order contract has in some fashion established important "ground rules" for another requirement, where the same contractor may be a competitor. For example, a contractor may have drafted the statement of work, specifications, or evaluation criteria of a future procurement. The primary concern of the government in this case is that a contractor so situated could slant key aspects of a procurement in its own favor, to the unfair disadvantage of competing vendors. If the requirements of the government procurement anticipate the contractor may have been in a position to establish important ground rules, including but not limited to those described herein, the contractor should be required to submit and negotiate an acceptable mitigation plan.

(4) Impaired objectivity. A contractor in the course of performance of a task order or contract is placed in a situation of providing assessment and evaluation findings over itself, or another business division, or subsidiary of the same corporation, or other entity with which it has a significant financial relationship. The concern in this case is that the contractor's ability to render impartial advice to the government could appear to be undermined by the contractor's financial or other business relationship to the entity whose work product is being assessed or evaluated.

(5) In these situations, a "walling off" of lines of communication may well be insufficient to remove the perception that the objectivity of the contractor has been tainted. If the requirements of the government procurement indicate that the successful vendor may be in a position to provide evaluations and assessments of itself or corporate siblings, or other entity with which it has a significant financial relationship, the affected contractor should provide a mitigation plan that includes recusal by the vendor from the affected contract work. Such recusal might include divestiture of the work to a third party vendor.

(6) In order to prevent a future OCI resulting from potential bias, unfair competitive advantage, or impaired objectivity, the Contractor shall be subject to the restrictions IAW FAR 9.505.

(7) This clause shall not exclude the Contractor from performing work under any amendment or modification to this contract or from competing for award for any future contract for work that is the same or similar to work performed under this contract.

(8) The agency may in its sole discretion, waive any provisions of this clause if deemed in the best interest of the Government. The exclusions contained in this clause shall apply for the duration of this contract and for three (3) years after completion and acceptance of all work performed hereunder.

(9) If any provision of this clause excludes the Contractor from competition for, or award of any contract, the Contractor shall not be permitted to serve as a subcontractor, at any tier, on such contract. This clause shall be incorporated into any subcontracts or consultant agreements awarded under this contract unless the Contracting Officer determines otherwise.

(c) Affirmative Duties and Responsibilities for Government Contractors:

(1) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph a. above.

(2) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest at the contract level it shall make immediate and full disclosure in writing to the DMEA Contracting Officer. Changes in the Contractor's relationships due to mergers, consolidations or any unanticipated circumstances may create an unacceptable organizational conflict of interest might necessitate such disclosure. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action that the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the DMEA Contracting Officer in making a determination on this matter.

(3) The Contractor, upon identification of a potential conflict, shall submit requests to participate in the task order for written approval on a task order-by-task order basis, unless the Contractor is aware of multiple task orders that may create the appearance of a conflict, or be an actual conflict. In the case of the later, the contractor shall notify the DMEA Contracting Officer as soon as the conflicts/apparent conflicts have been identified. This provision shall be in effect throughout the period of performance of this contract, any extensions thereto by change order or supplemental agreement, and for three years thereafter.

(4) The contractor shall permit a Government audit of internal OCI mitigation procedures for verification purposes. The Government reserves the right to reject a mitigation plan, if in the opinion of the Contracting Officer, such a plan is not in the best interests of the Government.

(5) The contractor shall hold the government harmless and will freely indemnify the government as to any cost/loss resulting from the unauthorized use or disclosure of any third-party proprietary information by its employees, the employees of subcontractors, or by its agents.

(6) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(7) The Contractor shall include the same provisions as are expressed in this clause, including this paragraph, in all subcontracts awarded for performance of any portion of this requirement. This restriction is applicable throughout the period of performance of the subcontract, and any extensions thereof by change order or supplemental agreement, and for three years thereafter. When the provisions of this clause are included in a subcontract, the term "Contracting Officer" shall represent the head of the Contracts Office of the prime contract.

(8) Any deviations or less restrictive coverage deemed necessary or required by the prime contractor for a particular subcontract must first be submitted to the PCO for approval.

(d) Compliance: Compliance with this OCI requirements is a material obligation of this contract. The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law, including those set forth at FAR Subpart 9.5, or elsewhere included in this contract. If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default. For breach of any of the restrictions contained herein, or for nondisclosure or misrepresentation of any relevant facts required to be disclosed concerning this contract, the government reserves the right to terminate this contract for default, disqualify the contractor for subsequent related contractual efforts, and to pursue such other remedies as may be available under law. If in compliance with this clause, the Contractor discovers and promptly reports an organizational conflict of interest subsequent to contract award, the Contracting Officer may choose to terminate this contract for convenience of the Government, when such termination is deemed to be in the best interest of the Government.

**52.209-9001 ORGANIZATIONAL CONFLICT OF INTEREST AT THE TASK ORDER LEVEL
(MAR 2015) DMEA**

(a) OCI / CAAS Possibilities.

(1) It is the intention of the parties that the Contractor will not engage in any other contractual or other activities which could create an organizational conflict of interest with its position under this contract; which might impair its ability to render unbiased advice and recommendations; or, in which it may derive an unfair competitive advantage as a result of knowledge, information, and experience gained during the performance of this contract.

(2) Therefore, the Contractor agrees that it will seek the prior written approval of the Task Order Contracting Officer before participating in any task order that may involve such a conflict.

(3) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the government any information provided to the Contractor by the Government during or as a result of performance of this task order. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, where the information has been included in Contractor generated work, or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(4) The Contractor shall promptly notify the Task Order Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure that proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(5) In the event that a task order is issued to the Contractor that would require activity that would create a potential conflict of interest, the Contractor shall:

(A) Notify the Contracting Officer of a potential conflict, and;

(B) Recommend to the Government an alternate tasking approach which would avoid the potential conflict, or,

(C) Present for approval a conflict of interest mitigation plan that will:

(i) Describe in detail the task order requirement that creates the potential conflict of interest; and,

(ii) Outline in detail the actions to be taken by the Contractor or the Government in the performance of the task to mitigate the conflict, division of subcontractor effort, and limited access to information, or other acceptable means.

(D) The Contractor shall not commence work on a task order related to a potential conflict of interest until specifically notified by the Contracting Officer to proceed.

(E) If the Contracting Officer determines that it is in the best interest of the Government to issue a task order, notwithstanding a conflict of interest, a request for waiver shall be submitted in accordance with FAR 9.503.

(F) Conflicts Of Interest Compliance Plan: In the event of a waiver is requested, the Contractor shall submit with his waiver request a Conflicts of Interest (COI) Compliance Plan to the Task Order Contracting Officer for approval. The COI Compliance Plan shall address the Contractor's approach for adhering to 52.209-9000 and describe its procedures for aggressively self identifying and resolving both organizational and employee conflicts of interest. The overall purpose of the COI Compliance Plan is to demonstrate how the Contractor will assure that its operations meet the highest standards of ethical conduct, and how its assistance and advice are impartial and objective. The COI Compliance Plan shall specifically address: how the Contractor will protect confidential, proprietary, or sensitive information;

(i) preventing the existence of conflicting roles that might bias a contractor's judgment; and,

(ii) preventing an unfair competitive advantage.

(6) Contractors are invited to review Federal Acquisition Regulation Subpart 9.5 "Organizational and Consultant Conflicts of Interest (OCI). " Particular attention is directed to FAR 9.505, 9.505-1, 9.505-2, 9.505-3 and 9.505-4.

(b) Avoidance of OCI.

(1) The policy of the government is to avoid contracting with contractors who have unacceptable mitigation to the organizational conflicts of interest as defined in 52.209-9000.

(2) It is not the intention of the government to foreclose a vendor from a competitive acquisition due to a perceived OCI. The Task Order Contracting Officers are fully empowered to evaluate each potential OCI scenario based upon the applicable facts and circumstances. The final determination of such action may be negotiated between the impaired vendor and the Task Order Contracting Officer. The Task Order Contracting Officer's business judgment and sound discretion in identifying, negotiating, and eliminating OCI scenarios should not adversely affect the government's policy for competition. The government is committed to working with potential vendors to eliminate or mitigate actual and perceived OCI situations, without detriment to the integrity of the competitive process, the mission of the government, or the legitimate business interests of the vendor community.

(c) Examples of OCI concerns can be found in 52.209-9000(b). These examples in which OCI issues may arise are not all inclusive, but are intended only to help the Task Order Contracting Officer apply general guidance to individual contract and task order situations.

(d) Mitigation plans. The successful contractor will be required to permit a government audit of internal OCI mitigation procedures for verification purposes. The government reserves the right to reject a mitigation plan, if in the opinion of the Task Order Contracting Officer, such a plan is not in the best interests of the government. Additionally, after award the government will review and audit OCI mitigation plans as needed, in the event of changes in the vendor community due to mergers, consolidations, or any unanticipated circumstances that may create an unacceptable organizational conflict of interest.

(e) Task Order Level. Ordering offices are responsible for determining and issuing specific OCI restrictions.

**52.209-9002 ORGANIZATIONAL CONFLICT OF INTEREST, OFFERORS AND AGREEMENTS
(MAR 2015) DMEA**

(a) The contractor may gain access to proprietary information of other Companies during contract performance. To prevent conflicting roles, which may bias the contractor's judgment or objectivity, or to preclude the contractor from obtaining an unfair competitive advantage in concurrent or future acquisitions, the contractor shall be restricted as follows. The contractor agrees to:

- (1) Protect other company's proprietary information from unauthorized use or disclosure for as long as it is considered proprietary by the other company,
- (2) Refrain from using the proprietary information for any purpose other than that for which it was furnished,
- (3) Enter Company-to-Company agreements as necessary to comply, and
- (4) Furnish copies of these agreements to the Contracting Officer for information purposes within fifteen (15) calendar days of execution.

These agreements are not intended to protect information that is available to the Government or to the contractor from other sources and furnished voluntarily without restriction.

(b) The above restrictions shall be included in all subcontracts, teaming arrangements, and other agreements calling for performance of work related to this contract, unless excused in writing by the Contracting Officer.

(c) The following descriptions or definitions apply:

- (1) "Proprietary Information" means all information designated as proprietary in accordance with law and regulation, and held in confidence or disclosed under restriction to prevent uncontrolled distribution. Examples include limited or restricted data, trade secrets, computer software, classified information, and sensitive financial information that may appear in cost and pricing data.
- (2) "Contractor" means the business entity receiving the award of this contract, its parents, affiliates, divisions and subsidiaries.

(d) Associate Contractor Agreements may be required on an "as needed" basis.

52.219-9000 SMALL BUSINESS UTILIZATION (MAR 2015) DMEA

The contractor shall report actual achievement of small business utilization dollars both as a result of each task order and aggregated throughout contract performance in accordance with the specified CDRLs. This information is obtained for DMEA internal use only and will not be used to determine compliance with overall "Comprehensive or Master Subcontracting Plans" or the "DOD Test Program Plans". However, small business utilization data will be documented and will be used to measure performance against the specified goals. This data will then be used in the contractor's performance evaluation to measure overall contractor performance. See 52.246-9000 for more details regarding performance evaluation.

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The following have been modified:

ATSP4 PWS

ATSP4 Full & Open Performance Work Statement

Vision Statement

The Defense Microelectronics Activity (DMEA) ATSP4 is a uniform technical and management approach that leverages advanced technologies to meet the requirements of the Department of Defense (DoD) for a quick reaction capability across the entire spectrum of technology development and system acquisition development phases.

1 Introduction

1.1 Mission

The DMEA mission is to leverage the capabilities and payoffs of advanced microelectronics technology to solve the warfighters operational problems in existing weapon systems, increase capabilities and reliability while reducing the effects of microelectronics obsolescence.

1.2 Scope

ATSP4 is a uniform technical and management approach that leverages advanced technologies to meet the requirements of the Department of Defense (DoD) for a quick reaction capability across the entire spectrum of technology development, acquisition, and long-term support. This capability includes the development of appropriate solutions to keep a system operational, elevate sophistication level, or meet new threats. These efforts may include developing components to meet the DoD's requirements for ultra-low volumes, extending component availability, or ensuring a trusted, assured, and secure supply of microelectronics; also included will be the intelligent and rapid application of advanced technologies in new applications and to add needed performance enhancements to DoD weapon systems in response to traditional and irregular (asymmetric) threats and to the problems related to aging weapon systems. Increasing warfighter capabilities and providing solutions to electronics support problems such as, reliability, maintainability and obsolescence are accomplished through the development and insertion of applications of advanced microelectronics technologies. ATSP4 includes the use of state of the practice and/or legacy technologies to provide solutions. The scope of ATSP4 covers both hardware and software and includes studies, analysis, design, software, simulation, fabrication, prototyping, integration, testing, producibility, and limited production. The scope of ATSP4 also includes the development of viable methods and procedures for using available tools and resources, strategies for resolution of replacement alternatives, and technical interchange in support of task accomplishment.

1.2.1 Advanced Technology

Advanced technology is defined as "new state-of-the-art technologies, products and processes that are presently not widely used in mission critical systems as well as current state-of-the-practice microelectronics technologies, products and processes. Advanced technology includes advanced microelectronics technologies and the evolutionary developments of microelectronics technologies such as submicron electronics, quantum electronics, spin electronics, 3D microelectronics, additive manufacturing based microelectronics, nanoelectronics (nanotechnology), molecular electronics, biomolecular electronics, and advanced electronics manufacturing technologies.

Advanced technology engineering includes electronics hardware and software applications; software engineering/development; rapid prototyping of hardware and software; development of integrated toolsets and environments for design, fabrication, and test; process and manufacturing development; and the prototyping and limited production of both hardware and software. It includes the development of peculiar support equipment and an integration support capability for the products developed. Advanced technology engineering usually will result in performance improvements or a change in the performance envelope but can also be a form, fit, and/or function replacement.

1.2.2 Advanced Hardware and Software Systems

Advanced hardware and software systems are defined as stand-alone systems, integrated systems, imbedded systems, and systems of systems (i.e. systems that integrate new or existing systems.) Included are all hardware and software design, development, testing, integration, and evaluation activities. Advanced hardware and software systems may use both current and advanced technologies, and include large-scale integrated systems, network enabled systems, trusted systems, cyber warfare systems, Network-Centric Warfare systems (e.g., battlespace monitoring systems, battlespace management systems, C4ISR (command, control, communication, computers, intelligence, surveillance, and reconnaissance) systems), and data fusion systems (e.g., weather data systems).

Advanced hardware and software systems engineering includes all hardware and software design, development, testing, integration, and evaluation activities, rapid prototyping of systems hardware and software, and the prototyping and limited production of systems. It includes the development of peculiar support equipment and an integration support capability for the systems developed.

1.2.3 Advanced Electronics Manufacturing Technologies

Advanced electronics manufacturing is defined as manufacturing systems, methods, procedures, materials, and processes that produce both current and advanced technology electronics. Advanced electronic manufacturing technologies include micromechanical technologies, microelectronic machining, and microelectromechanical systems along with other evolutionary technologies.

2 Government Furnished Documents

Document No.	Date	Title
N/A	Ongoing	ATSP Contractor Program Management Reviews

3 Performance Requirements

3.1 Perform Direct Engineering Activities

The ATSP4 contract includes all "direct engineering activities (e.g., studies, analysis, design, code, simulation, fabrication, packaging/assembly, prototyping, integration, installation, testing, and producibility). Direct engineering activities also include providing limited production, logistical support, training, and warranties. The ATSP4 contract also includes DMEA Engineering Environment Enhancement/Support as a "direct engineering activity.

3.1.1 Provide Limited Production

Limited production will be ordered only when the Government considers it advantageous to do so. Limited production applies only to products developed by DMEA or on one of the ATSP contracts; other production (e.g., spares from build-to data developed elsewhere) is not permitted. Typically the Government will order limited production as an interim measure prior to the competition of follow-on production, to take advantage of incidental production, or when determined to be more cost- or time-effective than follow-on production competition. Limited production is not considered follow-on production in the conventional sense. Limited production will be specified as required in each task order.

3.1.2 Provide Logistics Support

Logistics Support may be required for items, systems, methods, procedures, and processes when they are designed, developed, acquired, or provided on the ATSP4 contracts. Logistics support may occur during development and/or as a follow-on activity to development. Logistics support includes interim contractor support, extended engineering support, extended testing support, supplies, maintenance, repairs, material sustainment, operator training, and validation and correction of data, when the logistics support is ancillary to the task. Logistics support will be specified as required in each task order.

3.1.3 Provide Training

Training may be required for items, systems, methods, procedures, and processes when they are designed, developed, acquired, or provided on the ATSP4 contracts. Training includes the services, materials, and technical interchange used to instruct personnel to acquire sufficient concepts, skills and aptitudes to efficiently and safely

operate and maintain the items, systems, methods, procedures, and processes. Training also includes vendor training, familiarization, and orientation. Training will be specified as required in each task order.

3.1.4 Provide Warranties

Warranties may be required for items, systems, methods, procedures and processes when they are designed, developed, acquired, or provided on the ATSP4 contracts. Warranties will be specified as required in each task order.

3.1.5 Acquire And Deliver Active Documents

Active specifications, standards, handbooks and other published documents may be required to fully define the characteristics of an electronic component. The contractor may be tasked to acquire and deliver needed active documents. Active documents will be specified as required in each task order.

3.1.6 Acquire And Deliver Inactive Documents

Due to the nature of solving electronic support problems, inactive, out-of-date, superseded, or canceled documents may be required to fully define the characteristics of many electronic components. The contractor may be tasked to acquire and deliver inactive documents such as inactive specifications, standards, handbooks, source control, and other published documents. Inactive documents will be specified as required in each task order.

3.1.7 Provide Enhancement And Support For DMEA Engineering Environment

DMEA engineering environment enhancement and support (DE3S) includes creating, enhancing, modifying, upgrading, and supporting DMEA engineering laboratory systems, methods, procedures, and processes. DE3S is specifically limited to DMEA facilities. DE3S includes developing, providing, and implementing methods and strategies to leverage advanced technologies to extend the life of weapon systems. DE3S also includes providing technical interchange including written, verbal, and visual communication to enhance Government understanding of the contractors engineering systems, methods, procedures, processes, and accomplishments.

3.2 Perform Indirect Technical, Functional, And Management Activities

In-direct technical, functional, and management activities may be required to successfully accomplish direct engineering activities. In-direct activities include systems engineering, program management, configuration management, quality assurance, system test and evaluation, qualification testing, developmental testing, operational testing, certification, logistics support, training, warranties, development and management of data, operational site activation, and development of peculiar support equipment. In-direct activities will be specified in each task order.

3.2.1 Program Management Reviews (PMRs)

The Contractor shall perform program management reviews (PMRs) for DMEA management and oversight purposes. The Contractor shall create and submit accurate and timely PMR charts for PMR presentations. The information to submit for the PMR is included within the document, ATSP Contractor Program Management Reviews. (A001)

3.2.2 Task Order Proposal And Performance

The Contractor shall prepare and submit proposals for tasks posted for Fair Opportunity. The Contractor shall provide negotiation responses for all government offers. The Contractor shall notify and submit timely requests for period of performance extensions, when needed. The Contractor shall manage task funding for cost overrun minimization and optimal expenditure planning. Data development, management, and delivery will be specified as required in each task order.

3.2.3 Small Business Utilization

The Contractor shall set, achieve, and report small business participation, and for large businesses, subcontracting goals. (A001, A002, A003)

3.3 Develop, Manage, And Deliver Task Order Data

3.3.1 Contract Data Requirements List (CDRL)

The Government may specify data requirements or the contractor may be requested to propose data requirements. Data requirements will be based on the needs of the Government and be in the form of a CDRL in each task order. CDRLs will contain Data Item Descriptions (DID) whose content and format will be tailored in each task order. Any DID that is active at the time the task order is awarded can be required.

3.3.2 Provide Technical Data

Provide full reprourement data when the Government considers it advantageous to do so. In each task order, the Government will decide how much reprourement data is required and the necessary formats. These decisions will be based on the needs of the Government, the cost-effectiveness of the alternatives, and in some cases will include consideration of data rights. The basic intent is to enable competition for follow-on production. Reprourement data will be specified as required in each task order.

4.0 Data Items

The following CDRLs apply to the contract and shall be submitted as described below. Indicate on the cover of all delivered data the contract number and office symbol.

1.	Sequence Number	A001
2.	Title	Program Management Review
3.	Subtitle	Monthly Program Management Review
4.	Authority	DI-MGMT-80368A
5.	Contract Reference	Paras 3.2.1 and 3.2.3
6.	Requiring Office	DMEA ATSP4 Program Office
7.	DD 250 Req	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	Monthly
11.	As of	For cost data, information presented shall be as of the contractor's normal financial month end date. For all other data, information presented shall be as of the end of the calendar month.
12.	Date of First Submission	3 days prior to PMR, during each month with active task orders, after the first full month of task performance
13.	Date of Subsequent Submission	3 days prior to PMR, during each month with active task orders
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format is not acceptable; the Government format will be provided and must be used. For large businesses, monthly reporting of small business subcontracting dollars is required. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9.

1.	Sequence Number	A002
2.	Title	Participation and Subcontracting Data
3.	Subtitle	Annual Small Business Participation and Subcontracting Data
4.	Authority	DI-MGMT-80368A
5.	Contract Reference	Para 3.2.3
6.	Requiring Office	DMEA ATSP4 Program Office
7.	DD 250 Req	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	Biannually
11.	As of	Subcontracting data presented shall be as of the normal calendar year-end date.
12.	Date of First Submission	30 days after contract award
13.	Date of Subsequent Submission	The report shall be submitted semiannually during contract performance for the periods ending March 31 and September 30. A report is also required within 30 days of contract completion. Reports are due 30 days after the close of each reporting period, unless otherwise directed by the Contracting Officer.
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format acceptable Subcontracting Reports must be in accordance with FAR 52.219-9. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9.

1.	Sequence Number	A003
2.	Title	Participation and Subcontracting Goals
3.	Subtitle	Annual Small Business Participation and Subcontracting Goals
4.	Authority	DI-MGMT-80368A
5.	Contract Reference	Para 3.2.3
6.	Requiring Office	DMEA ATSP4 Program Office
7.	DD 250 Req	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	Annually
11.	As of	See Block 13
12.	Date of First Submission	30 days after the first calendar year-end date
13.	Date of Subsequent Submission	30 days after the calendar year-end date
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format is acceptable Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9.

4.1 Distribution List

The contractor shall deliver electronic copies to DMEA via the DMEA Contractor Delivery Portal (<https://contracting.dmea.osd.mil/Delivery>) in Microsoft Office products or in Adobe PDF format. The contractor shall deliver electronic copies via e-mail in Microsoft Office products or in Adobe PDF format to non-DMEA personnel to the address indicated. The subject block shall contain the contract number, CDRL title, and date. Do not submit any classified data. The contractor shall ensure the security of unclassified DoD information on non-DoD information systems in accordance with DoDI 8582.01, 6 Jun 2012.

Code	Copies (regular/reproducible/electronic)	Address
DMEA ATSP Program Office	All deliverables: 0/0/1	DMEA Contractor Delivery Portal
DMEA ATSP Contracting Branch Chief	All deliverables: 0/0/1	DMEA Contractor Delivery Portal
DMEA PCO	All deliverables: 0/0/1	DMEA Contractor Delivery Portal
DMEA Small Business Specialist	Annual Small Business Participation and Subcontracting Data: 0/0/1 Annual Small Business Participation and Subcontracting Goals: 0/0/1	DMEA Contractor Delivery Portal

SECTION L - INSTRUCTIONS, CONDITIONS AND NOTICES TO BIDDERS

The following have been modified:

INFORMATION FOR PROPOSAL PREP

INSTRUCTIONS FOR PROPOSAL PREPARATION (IFPP)

1.0 GENERAL INSTRUCTIONS

(a) The Procuring Contracting Officer (PCO) is the sole point of contact for this acquisition. Offerors are prohibited from engaging in exchanges with the DMEA technical personnel regarding this RFP. Offerors shall address any questions or concerns regarding this acquisition to the PCO. Written requests for clarification may be sent to the PCO at the address located in the model contract/solicitation or with email to ATSP4ss@dmea.osd.mil. Questions and comments will be addressed via the ATSP4SS web page, www.dmea.osd.mil/atsp4ss, with the offerors identity removed. Most questions and comments will be generalized to apply to a broader audience.

(b) Offerors shall provide their proposals in both hard copy and electronic format (Adobe Acrobat Document (PDF); MS Office Edition 2010 for Project) with fully searchable text. Offerors shall provide the cost proposal in Microsoft Excel format. Hypertext links shall be used to facilitate navigation within electronic documents. The electronic copies of the proposal shall be submitted on virus-free compact disk (CD) and/or digital video disk (DVD), read-only memory (CD-ROM/DVD-ROM) only. The proposal shall not contain compressed or password protected files. The Government shall have the right to load the offeror's proposed electronic data on a secure server within an approved Government source selection facility. Paper copies of proposal material submitted by the offeror take precedence over the electronic copies if discrepancies between the two are discovered. In the event ambiguities or conflicts exist between the written description and/or approach and the numeric data or figures, the numeric data or figures shall take precedence.

(c) ATSP4 proposals submitted shall consist of Volumes 1-6, provided in both hard and soft copy forms, as delineated in Table 2.1 below. It is the offeror's responsibility to ensure the proposal's completeness. Each volume shall be delivered in a separate binder/disk (CD or DVD). Pages in each volume shall be numbered sequentially. Government evaluators are not responsible for discerning the intended significance of information contained in the non-narrative data. Pages that are intentionally left blank shall state, "Page intentionally left blank." Furthermore, the Government will not assume that an offeror possesses any resources unless specifically addressed in the proposal. The proposal shall be clear, concise, and shall include sufficient detail for effective evaluation for substantiating the validity of stated claims. The proposal shall not simply rephrase or restate the Government's requirements, but rather shall provide convincing rationale to address how the offeror intends to meet these requirements. Offerors shall assume that the Government has no prior knowledge of their capabilities, resources, facilities and experience and will base its evaluation on the information presented in the offeror's proposal.

(d) The ATSP4 proposals must be valid for 365 days from the due date of the proposal.

(e) The Government reserves the right to, award this effort based on the initial proposal, as received, without discussion, in accordance with FAR 52.215-1. Therefore, each initial proposal should contain the offeror's best terms. However, the Government reserves the right to conduct discussions and request proposal revisions as necessary.

(f) Offerors shall use a paragraph numbering system that correlates with the section L & M throughout all documents in the proposal.

(g) The proposal shall include all data and information requested in Section L and shall be submitted in accordance with these instructions. In developing the proposal, Offerors shall comply with all the requirements contained in the ATSP4 Request for Proposal (RFP). The contract types specified in the solicitation are mandatory. Alternative proposals will not be accepted for this acquisition.

(h) Classified information shall not be presented in proposals. Technical experience obtained from currently classified performance shall not be cited or referenced in proposals. Proposals containing classified information will be forwarded to the cognizant security organization for investigation and may result in a determination that the proposal is non-responsive to the solicitation. All proposed technical experience shall be summarized at a non-classified component level.

(i) If an offeror believes that the requirements in these instructions contain an error, omission, or are otherwise unsound, the offeror shall immediately notify the PCO in writing with supporting rationale.

1.1 Basic Principles

The results of the DMEA engineering task risk analysis have been used to develop the evaluation criteria. The DMEA has determined that technical capability is defined as resources plus experience. Offerors possessing sufficient resources and experience using those resources mitigates almost every risk that had an undesirable task outcome and a high probability of occurring. The ATSP4 prime contractors are expected to have a significant technical role in all task orders issued under the ATSP4 contract. Therefore, the DMEA is strongly interested in the resources, experience and program organization of the prime offeror. The prime offeror is the entity with which the DMEA could have a resulting contract. As such, the prime would be held fully responsible for the contract performance, regardless of any arrangements between the prime offeror and its proposed subcontractors, team members, vendors or other associates. In addition the in-house experience level of the prime offeror has a direct bearing on their ability to select, manage, and control any required subcontractors/team members. Therefore, the resources and experience of the prime offeror versus any proposed subcontractors/team members is an important part of the technical evaluation.

1.2 Definitions

(a) For the purposes of this source selection, proposed subcontractors, vendors, companies without team arrangements, or other associates who are not the "prime offeror" are not considered "in-house" to the prime offeror.

In-house efforts are those performed by the prime offeror only. The evaluation team will use the following definitions for the source selection evaluation:

(1) A single company with its own CAGE code (CAGE code as defined by DFARS 204.7202-1) – This includes:

(A) Parent companies proposing to use their wholly owned entities in the performance of the ATSP4, and

(B) Offerors who are wholly owned entities proposing to use other wholly owned entities of the parent company in the performance of the ATSP4.

(C) Offerors proposing as a prime in the performance of the ATSP4 as a separate entity possessing a unique CAGE code and who are wholly owned entities of a parent company.

(2) Two or more companies which form a “contractor team arrangement” to act as a potential prime contractor IAW FAR 9.601(1). This action will form a new, separate entity that will have its own CAGE code. Sufficient documentation must be provided as evidence of the arrangement between the parties. Typically this would be a copy of the actual agreement. This new entity (the contractor team arrangement) will have the power to speak for and to contractually commit specified resources of the parent companies or will have their own resources to commit.

(3) Sufficient documentation must be provided as evidence of the arrangement within the company. Typically this would be evidenced by the proposal response regarding Program Organization (Volume 2) and the level of corporate signature on the proposal. Subcontractors, vendors, companies without team arrangements, or other associates which are proposed to fulfill the ATSP4 requirements are defined as and will be evaluated as a classical prime-subcontractor relationship.

(b) Subfactor Definitions – The evaluation factors used in the ATSP4 solicitation are mission based. They are a combination of process and technology that are used successfully by the DMEA to accomplish its mission. For purposes of this solicitation, they are defined as follows:

(1) Analysis/Studies – Includes, but is not limited to, assessment of current conditions or capabilities and contributing factors, development of preliminary solution approaches, feasibility of proposed changes including advanced technology insertions, trade-offs in design and development, selection of appropriate methodologies and the analysis of impacts on reliability, maintainability, testability, interface and packaging/assembly.

(2) Integrated Circuit Development – Development of analog, mixed-signal or digital electronic microcircuits with significant production for the application. Development requires use of hardware description languages and/or integrated IC CAD tool suites resulting in a physical realization of the part. Integrated circuit technologies include, but are not limited to, BJT, MOSFET, MESFET, HEMT, and HBT families hosted to Bipolar, CMOS, or BiCMOS junction isolated, dielectrically isolated, bulk, or silicon on insulator processes. Production can include developments that are implemented with a FPGA or related programmable device, metal maskable array fabrication, or a custom integrated circuit fabrication.

(3) Board/Module Development – Development of printed circuit boards or electronic modules that use at least one of the following: electronic microcircuits, application specific integrated circuits, hybrid microcircuits, multi-chip modules, charge coupled devices, and signal processors.

(4) Subsystem/System Development – Development of subsystems or systems that contain multiple printed circuit boards and/or electronic modules and use many of the following: electronic microcircuits, application specific integrated circuits, hybrid microcircuits, multi-chip modules, charge coupled devices, and signal processors.

(5) Hardware/Software System Development – Development of hardware systems containing embedded software. These may contain COTS and must contain non-COTS hardware and require significant software

engineering. Hardware/software systems may be stand-alone systems, integrated systems, embedded systems, and systems of systems.

(6) Development – As used in this solicitation, development means the systematic application of engineering and technical knowledge and integrated tool sets (e.g., CAD, HDLs, etc.) in executing studies, analysis, design, code, simulation, fabrication, packaging/assembly, prototyping, integration, installation, testing, producibility, and limited production to meet specific performance requirements or objectives.

(7) Significant Delivered Production: Microelectronic developments, as defined above, that have a successful outcome of delivery or installation in quantities that are significant for the weapon system application or mission. The extremes are a satellite which would have a delivery of one satellite system kit, the other extreme is an integrated circuit for an ordnance system with quantities of thousands to tens of thousands. A mission-based example could be the delivery of a small quantity of subsystems that are installed/integrated on a weapon system but represents the operational need. An example of items not considered to be significant delivered production include, but are not limited to, brassboard assemblies, failed components, non-production representative test articles, and non-fielded prototypes.

(8) Delivered Production: Microelectronic developments, as defined above, that have a successful outcome of delivery or installation, but do not meet the definition of significant delivered production. An example could be the delivery of a successful first article component, but of a quantity that does not fulfill the operational need. An example of items not considered to be delivered production include, but are not limited to, brassboard assemblies and failed components.

(9) Resource – Expertise, facilities, and equipment.

2.0 PROPOSAL ORGANIZATION

(a) The offeror shall prepare the proposal as set forth in Table 2.1 below. The titles and contents of the volumes shall be as defined in this table, all of which shall be within the required page limits and with the number of copies as specified. The contents of each ATSP4 proposal volume are described in paragraph 4.0 below.

Table 2.1 – ATSP4 Proposal Organization/Breakdown

Volume	Title	Section L IFPP	Section M BFA/EFFA	Paper/ Electronic Copies	Page Limit
1	Technical Volume	3.0	6.0	5/1	
	Technical Capability: Resources Factor	3.1	6.1		30
	Technical Capability: Experience Factor	3.2	6.2		50
	Experience Matrix	3.2(d)	6.2		None
2	Management Volume	4.0	6.3	5/1	
	Management Factor	4.1	6.3		20
	Teaming/Subcontracting Agreements	4.1.1, 8.0(h)	6.3.1		None
3	Past Performance Volume	5.0	7.0	1/1	
	Past Performance Factor	5.1	7.1		None
4	Cost/Price Volume	6.0	8.0	1/1	
	Cost/Price Factor	6.1	8.1		None
	Solicitation Example Task (SET) Cost Proposal	6.1(b)	8.1(b)		None
5	Solicitation Example Task (SET) Technical and Management Proposal Volume	4.1.2(b), 7.0	6.3.2(b)	1/1	
	Technical and Management Proposal	4.1.2(b), 7.0(a)	6.3.2(b)		10
6	Contract Documentation	8.0	9.0	1/1	None
	Subcontracting Plan	8.0(b)	9.0		None
	Completed SF33	8.0(c)	9.0		1
	Completed Section K – Representations, Certifications, and other Statements of Offerors	8.0(d)	9.0		None
	Exceptions to Solicitation	8.0(e)	9.0		None
	OCI Issues and Mitigation Plan	8.0(f)	9.0		None
	DCMA form 640	8.0(g)	9.0		None

(b) Pages containing text shall be typewritten or printed on 8½ x 11 inch paper, with no less than single line spacing. The type font shall be Times New Roman and the type size for text shall be no smaller than ten (10) point, with proportional spacing permitted. Type size for Figures and Tables shall be no smaller than eight (8) point, with single spacing permitted and no restriction on lines per page. Margins on all four (4) edges of each sheet will be at least one inch. A page printed on both sides shall be counted as two (2) pages. Fold out page(s) shall not include text only, are limited to 11" x 17", and count as two (2) pages. An 11" x 17" page printed on both sides shall be counted as four (4) pages.

(c) Proposals shall not be supplemented by reference documents. Mandatory attachments shall be in the format provided in the solicitation attachments. Deviations from the instructions will be reviewed by the PCO to ensure that no contractor receives a competitive advantage. Deviations resulting in a competitive advantage for an offeror will result in the proposal being returned to the offeror as noncompliant with the solicitation requirements. Proposal pages in excess of the maximum will be removed by the PCO starting from the back of the proposal volume and returned to ensure that they are not evaluated. Cover sheets, dividers, blank pages, table of contents, glossaries, lists of tables and/or figures, acronym lists and consent letters (e.g. PCO authorization for rent-free, non-interference use of Government-owned property) are not included in page count.

2.1 Identification

(a) The prime offeror's company name, logo or other identifying marks may be used as required in any volume.

(b) The proposal shall clearly identify the proposed subcontractors by name and location.

(c) Each volume shall be a separate .PDF format document and the volume number, title, and offeror's identity shall be printed in the middle of the first page (cover page).

2.2 Cross-Referencing

(a) Each proposal volume shall be written on a stand-alone basis so that its contents may be evaluated with a minimum of cross-referencing to other volumes of the proposal. Cross-referencing within proposal volumes is permitted where its use would conserve space without impairing clarity.

2.3 Binding and Labeling

(a) Each proposal shall be bound in a three-ring loose leaf binder with a cover sheet, clearly indicating ATSP4 and the offeror's name.

(b) The offeror is responsible for ensuring that the appropriate markings, including those prescribed in accordance with FAR 52.215-1(e), Restriction on Disclosure and Use of Data, and 3.104-4, Disclosure, Protection, and Marking of Contractor Bid or Proposal Information and Source Selection Information, are contained within their proposal.

2.4 Electronic Offers

(a) As addressed in paragraph 1.0(b) above, offerors shall submit all proposal volumes in a READ ONLY format on virus-checked disks. The offeror shall submit proposals on separate Compact Disks (CD) and/or data Digital Video Disks (DVDs). The file structure for each proposal shall be saved as a separate directory and shall be named accordingly (Volume 1-6). Identify the following data on both the CD/DVD and the CD/DVD cover/case:

(1) Offeror (Company Name):

(2) Proposal Title: ATSP4 Full and Open

(3) Date (Prepared/Submitted):

2.5 Proposal Delivery Address

(a) Offerors shall ensure that the proposal generated in response to this solicitation are either hand delivered or mailed to arrive at the following address:

DEFENSE MICROELECTRONICS ACTIVITY
DMEA-Contracting, Attn: ATSP4SS
4234 54th Street, McClellan, CA 95652-2100

Offerors are encouraged to take note that delivery service to DMEA is performed between the hours of 9:00 AM to 3:00 PM Pacific Daylight Time. Proposals delivered after the deadline specified, regardless of when given to the delivery provider (i.e. USPS, DHL, UPS, Fedex, etc.) may not be considered. As DMEA is a secure facility, offerors wishing to hand deliver proposals should provide notice to the ATSP4 Procuring Contracting Officer (PCO) via email to set an appointment for official proposal acceptance at least 24 hours prior to arrival. Security personnel will not be anticipating or accepting hand delivered proposals.

3.0 VOLUME 1 - TECHNICAL VOLUME

3.1 Factor 1: Technical Capability: Resources

(a) Proposals are limited to a combined total of 30 pages for the Technical Capability: Resources factor and subfactors.

(b) For the DMEA mission based evaluation subfactors, describe your Technical Capability: Resources. For each subfactor, discuss the resources being proposed and identify the sources (currently in-house, planned in-house, partnership/joint venture, team member, subcontractor, vendor, etc.) of these resources. To facilitate proposal preparation, judicious use of categorized resource lists and matrices is recommended. If teaming/subcontracting is necessary to provide a proposed resource, provide adequate evidence of the agreement. Specifically address the following evaluation subfactors:

- (1) Subfactor 1.1: Analysis/Studies Resources
- (2) Subfactor 1.2: Integrated Circuit Development Resources
- (3) Subfactor 1.3: Board/Module Development Resources
- (4) Subfactor 1.4: Subsystem/System Development Resources
- (5) Subfactor 1.5: Hardware/Software System Development Resources

3.1.1 Subfactor 1.1: Analysis/Studies Resources

(a) The proposal shall illustrate that sufficient resources are available for this subfactor in each of the following technologies: integrated circuits, boards/modules, subsystems/systems, and hardware/software systems.

(b) The proposal shall identify the source of the resources for this subfactor (e.g. currently in-house, planned in-house, partnership/joint venture, team member, subcontractor, vendor, etc.).

(c) The proposal shall demonstrate ability to provide technical oversight of and technical direction to all resources proposed for this subfactor.

3.1.2 Subfactor 1.2: Integrated Circuit Development Resources

(a) The proposal shall illustrate that sufficient resources are available for this subfactor in the following development phases: design, simulation, fabrication, packaging/assembly, integration, and testing.

(b) The proposal shall identify the source of the resources for this subfactor (e.g. currently in-house, planned in-house, partnership/joint venture, team member, subcontractor, vendor, etc.). The DMEA values current in-house

capabilities the most, however, these capabilities may be tempered with consideration of the quality and quantity for the source.

(c) The proposal shall demonstrate ability to provide technical oversight of and technical direction to all resources proposed for this subfactor.

3.1.3 Subfactor 1.3: Board/Module Development Resources

(a) The proposal shall illustrate that sufficient resources are available for this subfactor in the following development phases: design, simulation, fabrication, packaging/assembly, integration, and testing.

(b) The proposal shall identify the source of the resources for this subfactor (e.g. currently in-house, planned in-house, partnership/joint venture, team member, subcontractor, vendor, etc.). The DMEA values current in-house capabilities the most, however, these capabilities may be tempered with consideration of the quality and quantity for the source.

(c) The proposal shall demonstrate ability to provide technical oversight of and technical direction to all resources proposed for this subfactor.

3.1.4 Subfactor 1.4: Subsystem/System Development Resources

(a) The proposal shall illustrate that sufficient resources are available for this subfactor in the following development phases: design, prototyping, integration, testing, and production.

(b) The proposal shall identify the source of the resources for this subfactor (e.g. currently in-house, planned in-house, partnership/joint venture, team member, subcontractor, vendor, etc.). The DMEA values currently in-house capabilities the most, however, these capabilities may be tempered with consideration of the quality and quantity for the source.

(c) The proposal shall demonstrate ability to provide technical oversight of and technical direction to all resources proposed for this subfactor.

3.1.5 Subfactor 1.5: Hardware/Software System Development Resources

(a) The proposal shall illustrate that sufficient (a) resources are available for this subfactor in the following development phases: design, prototyping, integration, testing, and production.

(b) The proposal shall identify the source of the resources for this subfactor (e.g. currently in-house, planned in-house, partnership/joint venture, team member, subcontractor, vendor, etc.). The DMEA values currently in-house capabilities the most, however, these capabilities may be tempered with consideration of the quality and quantity for the source.

(c) The proposal shall demonstrate ability to provide technical oversight of and technical direction to all resources proposed for this subfactor.

3.2 Factor 2: Technical Capability: Experience

(a) Proposals are limited to a combined total of 50 pages for the Technical Capability: Experience factor and subfactors.

(b) For each of the DMEA mission based evaluation subfactors describe your Technical Capability: Experience. Due to the time sensitive nature of the DMEA mission, emphasis is placed on recent experience. Experience should be less than 5 years but no expiration date will be applied. ATSP4 prime contractors are expected to have a significant technical role in all task orders issued under the ATSP4 contract. As a result, emphasis is placed on experience of the prime offeror in the role of technical performer. Summarize efforts performed by the prime offeror that are

directly related to the evaluation subfactors. Discuss only the experience of the prime offeror. Do not discuss the experience of the proposed subcontractors/team members except as specifically directed for production and delivered quantities in subfactor 2.2 and subfactor 2.3. Specifically address the following evaluation subfactors:

- (1) Subfactor 2.1: Analysis/Studies Experience
- (2) Subfactor 2.2: Integrated Circuit Development Experience
- (3) Subfactor 2.3: Board/Module Development Experience
- (4) Subfactor 2.4: Subsystem/System Development Experience
- (5) Subfactor 2.5: Hardware/Software System Development Experience

(c) For each non-classified effort summarized in (b), provide the following details. Do not summarize classified performance. Completion required for (1) through (4), completion required – if applicable for (5) through (8).

- (1) Your role (e.g. technical performer, subcontract manager, integrator, etc.)
- (2) Program name
- (3) Contract number
- (4) Period of performance dates, actual
- (5) For subfactor 2.1, technologies (integrated circuits, boards/modules, subsystems/systems, and hardware/software systems) associated with the effort.
- (6) For subfactors 2.2-2.5, development phases (design, simulation, fabrication, prototyping, integration, testing, and delivered production and/or significant delivered production) associated with the effort.
- (7) Production volume, if ongoing, provide schedule.
- (8) Place of performance (resources proposed in factor 1, if applicable)

(d) The following matrix shall summarize the experiences of the prime offeror as a technical performer for each subfactor. For each experience, identify the number of completed technologies/development phases except for production quantities and delivered quantities. Offeror’s experiences may vary. This matrix, or a reasonable facsimile, shall be completed and submitted at the end of Volume 1. The matrix facilitates proposal preparation and is exempt from the page limitation. Submit a separate matrix for each evaluation subfactor, in the format described below.

ATSP4 Factor 2		Complete matrix with prime offeror experience as technical performer only					
Subfactor 2.1: Studies/Analysis							
Technologies	Experience #1	Experience #2	Experience #3	Experience #4	Experience #5	Total	Subfactor 2.1 Minimum
Integrated circuits	1	1	1	1	1	5	5
Boards/modules	1	1	1	1	1	5	5
Subsystems/systems	1	1	1	1	1	5	5
Hardware/software systems	1	1	1	1	1	5	5
Sample data intended for illustration purposes only and are not meant to be representative of any rating.							

ATSP4 Factor 2		Complete matrix with prime offeror experience as technical performer only					
Subfactor 2.2: Integrated Circuits Development							
Development Phase	Experience #1	Experience #2	Experience #3	Experience #4	Experience #5	Total	Subfactor 2.2 Minimum
Design	2	3	1	2	2	10	10
Simulation	2	3	1	2	2	10	10

Integration	2	3	1	2	2	10	10
Testing	2	3	1	2	2	10	10
Delivered Production	2	2	2	3	1	10	10
*SDP	1	2	0	1	1	5	5
**ASIC	1	2	0	1	1	5	5
Sample data intended for illustration purposes only and are not meant to be representative of any rating. * Significant Delivered Production (SDP) ** ASIC or custom integrated circuit fabrication							

ATSP4 Factor 2	Complete matrix with prime offeror experience as technical performer only						
Subfactor 2.3: Boards/Modules Development							
Development Phase	Experience #1	Experience #2	Experience #3	Experience #4	Experience #5	Total	Subfactor 2.3 Minimum
Design	2	3	2	2	1	10	10
Simulation	2	3	2	2	1	10	10
Integration	2	3	2	2	1	10	10
Testing	2	3	2	2	1	10	10
Delivered Production	2	2	2	3	1	10	10
*SDP	1	2	1	1	0	5	5
Sample data intended for illustration purposes only and are not meant to be representative of any rating. * Significant Delivered Production (SDP)							

ATSP4 Factor 2	Complete matrix with prime offeror experience as technical performer only						
Subfactor 2.4: Subsystem/System Development							
Development Phase	Experience #1	Experience #2	Experience #3	Experience #4	Experience #5	Total	Subfactor 2.4 Minimum
Design	2	2	2	3	1	10	10
Prototyping	2	2	2	3	1	10	10
Integration	2	2	2	3	1	10	10
Testing	2	2	2	3	1	10	10
Delivered Production	2	2	2	3	1	10	10
*SDP	1	1	1	2	0	5	5
Sample data intended for illustration purposes only and are not meant to be representative of any rating. * Significant Delivered Production (SDP)							

ATSP4 Factor 2	Complete matrix with prime offeror experience as technical performer only						
Subfactor 2.5: Hardware/Software System Development							
Development Phase	Experience #1	Experience #2	Experience #3			Total	Subfactor 2.5 Minimum
Design	1	1	1			3	3
Prototyping	1	1	1			3	3
Integration	1	1	1			3	3
Testing	1	1	1			3	3
Delivered Production	1	1	1			3	3
*SDP	1	1	1			3	3
Sample data intended for illustration purposes only and are not meant to be representative of any rating. * Significant Delivered Production (SDP)							

3.2.1 Subfactor 2.1: Analysis/Studies Experience

- (a) The proposal shall summarize past efforts that document a minimum of five (5) valid prime contractor experiences for this subfactor in each of the cited technologies for a minimum of twenty (20) experiences: integrated circuits, boards/modules, subsystems/systems, and hardware/software systems.
- (b) The proposed experience for hardware/software systems must include an embedded software development.
- (c) The proposed experiences shall be from in-house resources identified in response to factor 1.
- (d) The proposed experiences shall be within some portion of the technical scope of the ATSP4 PWS
- (e) The proposal shall identify the place and period of performance for the summarized experience.
- (f) In order to be considered a valid experience, the proposed experiences must meet all the criteria listed above.
- (g) The proposal shall complete the experience matrix table as identified above.

3.2.2 Subfactor 2.2: Integrated Circuit Development Experience

- (a) The proposal shall summarize past efforts that document a minimum of ten (10) valid prime contractor experience for this subfactor in each of the development phases: design, simulation, integration, and testing including the production quantities and delivered quantities in years/numbers (including prime and non-prime production). No more than two (2) of the minimum (10) experiences can be production that results in FPGAs or related programmable devices.
- (b) For all of the integrated circuit development experiences identify the production quantities and delivered quantities in years/numbers (including prime and non-prime production).
- (c) The proposed experiences shall be from resources identified in response to factor 1.
- (d) The proposed experiences shall have resulted in delivered production.
- (e) The proposed experiences shall be within some portion of the technical scope of the ATSP4 PWS.
- (f) The proposal shall identify the place and period of performance for the summarized experience.
- (g) In order to be considered a valid experience, the proposed experiences must meet all the criteria listed above.
- (h) The proposal shall complete the experience matrix table as identified above.

3.2.3 Subfactor 2.3: Board/Module Development Experience

- (a) The proposal shall summarize past efforts that document a minimum of ten (10) valid prime contractor experience for this subfactor in each of the development phases: design, simulation, integration, and testing including the production quantities and delivered quantities in years/numbers (including prime and non-prime production).
- (b) For all of the board/module development experiences identify the production quantities and delivered quantities in years/numbers (including prime and non-prime production).
- (c) The proposed experiences shall be from in-house resources identified in response to factor 1.
- (d) The proposed experiences shall have resulted in delivered production.
- (e) The proposed experiences shall be within some portion of the technical scope of the ATSP4 PWS.

- (f) The proposal shall identify the place and period of performance for the summarized experience.
- (g) In order to be considered a valid experience, the proposed experiences must meet all the criteria listed above.
- (h) The proposal shall complete the experience matrix table as identified above.

3.2.4 Subfactor 2.4: Subsystem/Systems Development Experience

- (a) The proposal shall summarize past efforts that document a minimum of ten (10) valid prime contractor experience for this subfactor in each of the development phases: design, prototyping, integration, testing, and production including the production quantities and delivered quantities in years/numbers (only prime production).
- (b) For all of the subsystem/system development experiences identify the production quantities and delivered quantities in years/numbers (include only prime production).
- (c) The proposed experiences shall be from in-house resources identified in response to factor 1.
- (d) The proposed experiences shall have resulted in delivered production.
- (e) The proposed experiences shall be within some portion of the technical scope of the ATSP4 PWS.
- (f) The proposal shall identify the place and period of performance for the summarized experience.
- (g) In order to be considered a valid experience, the proposed experiences must meet all the criteria listed above.
- (h) The proposal shall complete the experience matrix table as identified above.

3.2.5 Subfactor 2.5: Hardware/Software System Development Experience

- (a) The proposal shall summarize past efforts that document a minimum of three (3) valid prime contractor experience for this subfactor in each of the development phases: design, prototyping, integration, testing, and production including the production quantities and delivered quantities in years/numbers (only prime production).
- (b) For all of the hardware/software system development experiences identify the production quantities and delivered quantities in years/numbers (include only prime production).
- (c) The proposed experiences shall be from in-house resources identified in response to factor 1.
- (d) The proposed experiences shall have resulted in delivered production.
- (e) The proposed experiences shall be within some portion of the technical scope of the ATSP4 PWS.
- (f) The proposal shall identify the place and period of performance for the summarized experience.
- (g) In order to be considered a valid experience, the proposed experiences must meet all the criteria listed above.
- (h) The proposal shall complete the experience matrix table as identified above.

4.0 VOLUME 2 – MANAGEMENT VOLUME

4.1 Factor 3: Management

- (a) Proposals are limited to a combined total of 20 pages for the Management factor and subfactors, unless otherwise noted.

(b) Specifically address the following evaluation sub-factors:

(1) Subfactor 3.1: Program Organization

(2) Subfactor 3.2: Task Implementation Approach and Solicitation Example Task (SET)

(3) Subfactor 3.3: Small Business Utilization

4.1.1 Subfactor 3.1: Program Organization

(a) The proposal shall demonstrate a complete, flexible, cost effective and efficient program organization which corresponds to the technical resources proposed in factor 1. The program organization should minimize the layers of management and have a short chain of command.

(b) The proposal shall include an organization chart detailing the position of the ATSP4 program office as it relates to the overall corporate structure.

(c) The proposal shall describe the lines of corporate authority necessary to obtain and manage task resources, to obtain contractual document signature, and which connect the contracts personnel with the program/technical personnel.

(d) The proposal shall describe the role and authority of the program manager. The program manager shall have clear and appropriate lines of authority and responsibility to obtain and manage task resources.

(e) The proposal shall describe how performing resources proposed in factor 1 are selected and managed for each task. The proposal shall describe the relative economic relationships between each of the entities, including distribution of sales and profit.

(f) The proposal shall describe the program organization's business development methods specific to ATSP4.

(g) The proposal shall describe how the program organization manages the normal problems that are associated with programs of this nature with regard to risk.

(h) Offeror's electing to team with other companies shall provide clear delineation of responsibilities and authority among the companies and shall show the capability of the offeror/prime contractor to provide adequate management oversight of and direction to team members.

4.1.2 Subfactor 3.2: Task Implementation Approach and Solicitation Example Task (SET)

(a) Task Implementation Approach.

(1) The proposal shall demonstrate a sound task implementation approach/process that is complete, flexible, cost effective and efficient. The approach/process shall fit the program organization proposed and be capable of meeting all program requirements with a minimum of risk to the government.

(2) The proposal shall describe the steps necessary to process a new opportunity through award of a task order, to include the necessary timeframes for each step.

(3) The proposal shall identify who is responsible for proposals, negotiations and final approval/commitment of the offeror.

(4) The proposal shall identify the time frames required to achieve each step in the process and clearly show the plan will minimize the time and effort required to process a task order.

(5) The proposal shall describe a normal proposal preparation process that is achievable within the cited allotment of days (reference 52.216-9000(m)).

(b) Solicitation Example Task (SET).

(1) The solicitation example task (SET) provides the offeror a framework to demonstrate a technical and management proposal with an associated matching cost proposal. The activities of the SET are not intended to be technically performed and are solely for proposal and evaluation purposes.

(2) Based on the provided SET, the proposal shall describe the technical and management approach for achieving the SET goals.

(3) The offeror's response to the SET shall provide a brief description that demonstrates an understanding of each element of the SET example requirements.

(4) The proposal shall include proposed performing organization(s) including the relationship of the performing organization to the prime, labor categories and labor hours, and any other direct costs (subcontracts, consolidated bill of materials, travel, etc.). Provide a rationale for estimate for the labor hours, however, a full basis of estimate is not required so long as an understandable, complete, and practical WBS is provided. Provide a cost/price analysis establishing the reasonableness of each of the proposed subcontracts.

(5) The proposal shall provide the SET technical and management proposal as Volume 5.

(6) The cost proposal shall be provided in an interactive (with formulas) Microsoft Excel spreadsheet. Please refer to IFPP 6.1(b) for further instructions regarding the preparation of the cost proposal.

(7) The SET follows this paragraph and includes an Example Request for Proposal, Example Requirements, and Example Requirements Attachment.

SOLICITATION EXAMPLE TASK
 EXAMPLE REQUEST FOR PROPOSAL



DEFENSE MICROELECTRONICS ACTIVITY
 4234 54TH STREET
 MCCLELLAN, CALIFORNIA 95652-2100

MEMORANDUM FOR: Prospective Offeror
 ATTN: [Offeror name], [Offeror title]
 E-mail: _____@_____
 Tel: (___) ___ - ____
 Fax: (___) ___ - ____

FROM: DMEA/MEEB-Contracting
 Attn: ATSP4 Contracting Officer
 4234 54TH Street
 McClellan, CA 95652-2100

SUBJECT: Request for Proposal, Solicitation Example Task (SET)
 Data Transfer Device Prototype Development

1. Attached, please find SET dated 1 April 2015 for your review.
2. Please prepare a cost plus fixed fee (CPFF) price proposal in accordance with provision 52.216-9000 of ATSP4 solicitation HQ0727-15-R-0001.
 - a. FPRA and FPRR rates are preferred (reference 52.216-9000(f)(1)).
 - b. For the purposes of the evaluation, the following hypothetical information is provided in order to establish an appropriate fee proposing ranges, in accordance with 52.215-9000.

For the purposes of providing a cost proposal for the SET, please assume that the AFPA assigned for the current ordering period option from the prior performance evaluation period is:
 0.51%

Therefore, please propose a fee rate for the task within the following fee range:
 0% - 9.51%

Using the Weighted Guidelines Methodology outlined in DFARS 215.404-71, the Government will use the following ranges and normal values for the performance risk calculation:

Range	Min	Max	Normal Value
Standard	3.51%	7%	5.51%
Technology Incentive	7.51%	11%	9.51%

- b. Submit subcontractor information in accordance with FAR 15.404-3 and DFARS 215.404-3 (reference 52.216-9000(j) and 52.216-9000(m)(3)).
- c. Include a technical data certification with your proposal (reference 52.216-9000(j)) *[Not required or evaluated for the SET]*
- d. Include an electronic spreadsheet concurrently with your proposal (reference 52.216-9000(m)(4)).

- e. Include a Proposal Adequacy Checklist, if applicable, in accordance with DFARS 252.215-7009 (March 2013). *[Not required or evaluated for the SET]*
 - f. Identify technical data or computer software to be furnished with restrictions (reference 52.216-9000(o) and 52.216-9000(p)). The proposal's technical volume shall include a discussion on how the proposed technical data or computer software assertions in the 52.216-9000(o) table will meet the Government's desire for optimal flexibility on future procurements.
 - g. Address any export control issues. DFARS 252.225-7048 (June 2013) applies.
 - h. Identify delivery of hazardous materials (reference FAR Subpart 23.3).
 - i. Identify items to be delivered with a unique item identification (reference DFARS 252.211-7003).
 - j. The following clauses apply to the resultant task order:
 - 52.237-9001 Contractor Manpower Reporting Application
 - k. In accordance with DFARS PGI 245.103-72, if GFP is anticipated, complete and submit the required information with your proposal using the attached Scheduled Government Furnished Property (SGFP) and Requisitioned Government Furnished Property (RGFP) forms.
3. Please provide the proposal as Volume 5, as indicated in Section L of the RFP.
4. For additional information, contact the undersigned via e-mail at atsp4ss@dmea.osd.mil.

// SIGNED //

ATSP4 SOURCE SELECTION PCO
Contracting Officer

4ATCH

Cost Example Task, DMEA 15-000 (8 pages)

Data Transfer Device Requirements Document (2 pages)

Scheduled Government Furnished Property (SGFP) Form (1 page) - *Not included for SET*

Requisitioned Government Furnished Property (RGFP) Form (1 page) - *Not included for SET*

cc: atsp4ss@dmea.osd.mil

SOLICITATION EXAMPLE TASK
EXAMPLE REQUIREMENTS

Data Transfer Device Prototype Development

DMEA 15-000

1 April 2015

DMEA Project Engineer, DMEA COR, (000)000-0000

1.0 SCOPE:

1.1 TITLE: Data Transfer Device Prototype Development

1.2 APPLICABILITY: *Not included for SET*

1.3 BACKGROUND: *Not included for SET*

1.4 PURPOSE: The purpose of this task is to develop, fabricate, test and deliver prototype Data Transfer Devices (DTD).

NOTE: The information described within paragraphs 1.0 through 1.4 above is given for information only and has no contractual effect.

2.0 REFERENCED DOCUMENTS:

Requirements Document for Data Transfer Device, 19 November 2014 (attached)

PCMCIA Specification

USB 2.0 Specification

2.1 GOVERNMENT DOCUMENTS: None.

2.2 OTHER DOCUMENTS: None.

2.3 GOVERNMENT FURNISHED EQUIPMENT (GFE): None.

2.4 GOVERNMENT FURNISHED INFORMATION (GFI): None

2.5 GOVERNMENT FURNISHED FACILITIES/ACCESS (GFF/A): None.

3.0 REQUIREMENTS:

3.1 GENERAL REQUIREMENTS:

3.1.1 Travel: The contractor may be required to travel to accomplish this requirement. Negotiated travel is considered acceptable upon delivery order award. Additional/changed travel requiring an increase in delivery order funding shall be forwarded to the PCO for processing a delivery order modification prior to travel. If an increase in delivery order funding is not required, the contractor shall notify the DMEA Project Engineer/customer, in writing, of additional/changed travel. Additional/changed travel shall be briefed at DMEA Program Management Reviews (PMRs).

3.1.2 Notification of Rights: The contractor shall identify and receive written government approval from the Administrative Contracting Officer (ACO) prior to committing to the use of any privately developed items, components, processes, computer software, and/or technical data which they:

- (i) intend to deliver with Limited Rights
- (ii) intend to deliver with Government Purpose Rights
- (iii) intend to deliver with Restricted Rights
- (iv) have not yet determined if such rights should apply.

3.1.3 Disposition of Excess Material and Contractor-Acquired Property (CAP): At the completion of this task, the contractor shall identify and receive written disposition instructions from the Administrative Contracting Officer (ACO) for all excess material and CAP. (A003 - *Not included for SET*)

3.2 PROGRAM MANAGEMENT: The contractor shall perform administrative, technical, and financial management functions during the course of this effort and shall maintain a status of their effort towards achieving the CET objectives, including all technical activities and efforts, problems/deficiencies, impacts, and recommended solutions. (A001)

3.2.1 Technical Interchange Meetings (TIMs): The contractor shall conduct TIMs as necessary in the performance of this task. The TIM with the contractor shall be scheduled when there is need for technical interchange between the government and the contractor. The content of the meeting can include the discussion of any information that has impact upon the task activities, including documentation contents or format. (A002)

3.3 ENGINEERING REQUIREMENTS:

3.3.1 Design: The contractor shall design a DTD in accordance with the Requirements Document for Data Transfer Device. The contractor shall document the design and report the results in a technical report. (A004)

3.3.2 Prototype Fabrication and Assembly: The contractor shall fabricate and assemble five (5) DTD prototypes.

3.3.3 Testing: The contractor shall test the prototype DTDs. The contractor shall report the test results for five (5) prototypes in a technical report. (A005)

3.3.4 Prototype Delivery: *Not included for SET*

3.4 PROGRAM SUMMARY: The contractor shall summarize all work accomplished under this CET, including significant technical accomplishments, problems encountered, solutions implemented, recommendations for improvement, and a comparison of planned schedules and costs with final performance. (A006)

4.0 DATA ITEMS: The following CDRLs apply to this delivery order and shall be submitted as described below. Indicate on the cover of all delivered data the contract number, task order number, SET number, SET title, and the current DMEA Project Engineer name and office symbol.

1.	Sequence Number	A001
2.	Title	Status Report
3.	Subtitle	Monthly Status Report
4.	Authority	DI-MGMT-80368A
5.	Contract Reference	Para. 3.2
6.	Requiring Office	DMEA COR
7.	DD 250 Req	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	Monthly
11.	As of	For cost data, information presented shall be as of the contractor's normal financial month end-date. For all other data, information presented shall be as of the end of the calendar month.
12.	Date of First Submission	10 days after the first full month of performance
13.	Date of Subsequent Submission	10 th calendar day of each month
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format is acceptable. Include in the report a table/log of additional/changed travel. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9 and with the following additional statement: "The U.S. Government retains unlimited data/computer software rights to this item."

1.	Sequence Number	A002
2.	Title	Conference Minutes
3.	Subtitle	TIM Minutes (Tech Meetings)
4.	Authority	DI-ADMN-81250A
5.	Contract Reference	Para. 3.2.1
6.	Requiring Office	DMEA/MEAD
7.	DD 250 Req	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	ASREQ
11.	As of	N/A
12.	Date of First Submission	10 calendar days after TIM
13.	Date of Subsequent Submission	N/A
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format is acceptable. Include presentation materials in the TIM minutes. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9 and with the following additional statement: "The U.S. Government retains unlimited data/computer software rights to this item."

A003 - Not included for SET

1.	Sequence Number	A004
2.	Title	Technical Report
3.	Subtitle	Design Report
4.	Authority	DI-MISC-80508B
5.	Contract Reference	Para. 3.3.1
6.	Requiring Office	DMEA COR
7.	DD 250 Req.	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	OTIME
11.	As of	N/A
12.	Date of First Submission	One month after receipt of order (ARO)
13.	Date of Subsequent Submission	N/A
14.	Distribution	See 4.1 Distribution List
15.	Total	See 4.1 Distribution List
16.	Remarks	Contractor format is acceptable. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9 and with the following additional statement: "The U.S. Government retains unlimited data/computer software rights to this item."

1.	Sequence Number	A005
2.	Title	Technical Report
3.	Subtitle	Prototype Testing Report
4.	Authority	DI-MISC-80508B
5.	Contract Reference	Para. 3.3.3
6.	Requiring Office	DMEA COR
7.	DD 250 Req.	LT
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	OTIME
11.	As of	N/A
12.	Date of First Submission	
13.	Date of Subsequent Submission	N/A
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format is acceptable. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9 and with the following additional statement: "The U.S. Government retains unlimited data/computer software rights to this item."

1.	Sequence Number	A006
2.	Title	Technical Report - Study/Services
3.	Subtitle	Final Report
4.	Authority	DI-MISC-80508B
5.	Contract Reference	Para. 3.3.4, 3.4
6.	Requiring Office	DMEA COR
7.	DD 250 Req.	DD
8.	App Code	N/A
9.	Distribution Statement Req'd	D
10.	Frequency	OTIME
11.	As of	N/A
12.	Date of First Submission	10 days prior to the end of the period of performance indicated in the delivery order
13.	Date of Subsequent Submission	N/A
14.	Distribution	See: 4.1 Distribution List
15.	Total	See: 4.1 Distribution List
16.	Remarks	Contractor format is acceptable. Block 9: Mark all CDRL items with the distribution statement as shown above in Block 9 and with the following additional statement: "The U.S. Government retains unlimited data/computer software rights to this item."

4.1 DISTRIBUTION LIST: The contractor shall deliver electronic copies via e-mail in Microsoft Office products or in Adobe PDF format to the address indicated. The subject block shall contain the contract number, task order number, SET number, CDRL title, and date.

Code	Copies (regular/reproducible/electronic)	Address
DMEA COR	All deliverables: 0/0/1 *Classified Data	<i>Not included for SET</i>
Client POC	All deliverables: 0/0/1 *Classified Data	<i>Not included for SET</i>
DMEA ATSP Office	Monthly Status Report: 0/0/1 Meeting Minutes: 0/0/1 Final Report: 0/0/1 *Classified Data	<i>Not included for SET</i>
DMEA PCO	All deliverables: 0/0/1 *Classified Data	<i>Not included for SET</i>
ACO	All deliverables: 0/0/1 *Classified Data	<i>Not included for SET</i>
<p>* If this task involves classified data, the contractor shall deliver classified data in an appropriate manner to only those recipients specifically indicated in the distribution list below. For all other recipients, the contractor shall send only a cover letter in lieu of the classified data. The contractor shall ensure the security of unclassified DoD information on non-DoD information systems in accordance with DoDI 8582.01, 6 Jun 2012.</p>		

5.0 ENGINEERING TECHNICAL POINTS OF CONTACT:

DMEA Project Engineer: <i>Not included for SET</i> Voice: <i>Not included for SET</i> Fax: <i>Not included for SET</i> E-Mail: <i>Not included for SET</i>	Client Point of Contact: <i>Not included for SET</i> Voice: <i>Not included for SET</i> E-Mail: <i>Not included for SET</i>
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SOLICITATION EXAMPLE TASK
EXAMPLE REQUIREMENTS ATTACHMENT FROM PARA 2.0

REQUIREMENTS DOCUMENT
FOR

Data Transfer Device

19 November 2014

1. **Introduction**

The Data Transfer Device (DTD) is a PCMCIA data storage card used to transfer data from the planning computers to a legacy system computer. The acronym PCMCIA stands for Personal Computer Memory Card International Association, the organization that established the memory device standards. The PCMCIA was developed and used extensively in the early 1990s. However, it is a now defunct interface that is seldom found on modern laptop computers. As new laptop computers are used for planning, the PCMCIA interface is no longer available.

The Defense Microelectronics Activity (DMEA) has been tasked to develop a DTD replacement that will interface to modern computers.

2. **General Description of Operational Capability**

The DTD functions as a storage device for transferring data from laptop computers to a legacy system computer. The current PCMCIA cards have a maximum storage capacity of 85M and the computer file system is FAT16. The NAV data is compressed in the .zip format and loaded on the DTD, then unzipped at the aircraft.

3. **General Description of Functional Requirements**

Replace the legacy PCMCIA type DTD with new design that shall interface directly to a modern laptop. The new device shall retain the PCMCIA interface such that no modification to the legacy system computer is required. The interface to the laptop shall be compatible with WIN7.

The new device shall increase the memory to a minimum of 4GB. The device shall be similar in size to the existing PCMCIA Type II card, but may vary slightly. Industrial grade components rated from -40°C to +85°C shall be selected.

IA requirements are *Not included for SET*

Environmental requirements are *Not included for SET*

4. **Specific Requirements**

DTD Hardware

- The PCMCIA Replacement Device shall be portable and compatible with virtually all modern PC laptops, desktops, tablets, and netbook computers.
- Retain a PCMCIA interface (68 Pin) on the DTD such that it can interface directly to the legacy system computer.
- The new design shall consist of Non-Development Item (NDI) technology.
- Industrial Grade components (Temp range T-40°C to +85°C).
- Minimum 4GB memory.
- Modular design.
- Robust processor to allow for substantial growth.
- DMEA recommends.
 - ARM Cortex-M3/M4 Microcontroller
 - 32-Bit
 - Widely used in industry
 - High performance
 - Multiple features (USB/SD/SDIO/UART/I2C....)

DTD S/W

- Compatible with legacy computers.
- Compatible with Win7 device drivers.
- Legacy system computer must recognize file structures and formats.

DTD Mechanical

- External dimensions shall not exceed 8.5cm x 7.5cm x 2.5cm, not including connectors.
- Legacy system computer interface shall remain as PCMCIA Type-II using two rows of 34 sockets, edge connector 3.3mm thick.
- Card thickness at PCMCIA end 5.0mm.
- DMEA recommends USB type B Female Right Angle PCB Mount for interface.

DTD Cable

- Cable to be USB Type A Male to USB Type B Male.

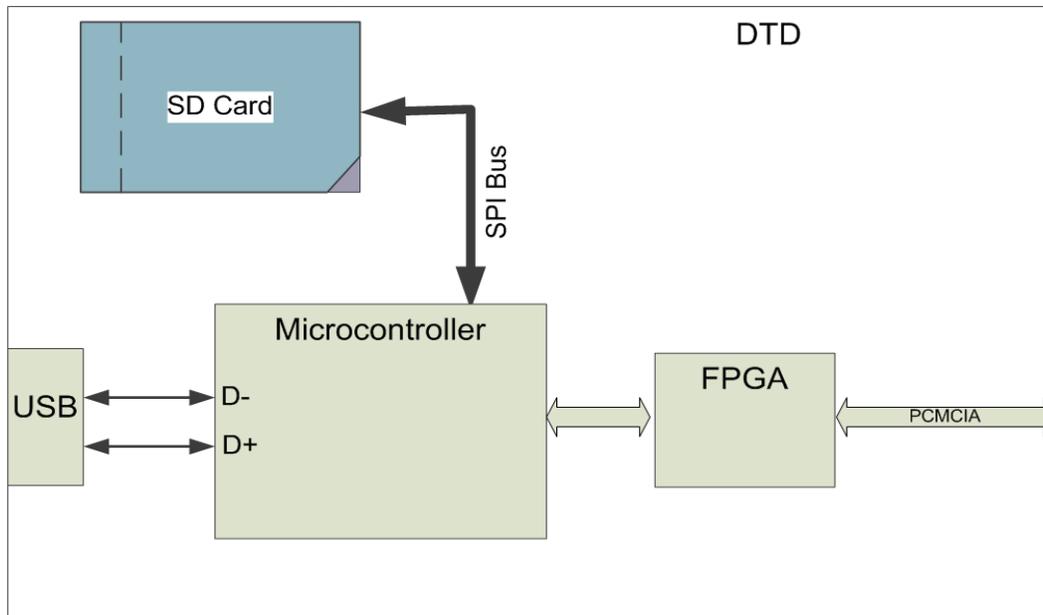
DTD Environmental

- Operate from -40°C to +85°C
- *Not included for SET*
 1. Drop
 2. Vibration
 3. Humidity
 4. Altitude
 5. Rain

DTD EMI/EMC

- *Not included for SET*

DTD Recommended Block Diagram:



4.1.3 Subfactor 3.3: Small Business Utilization

(a) Collection and Reporting.

The proposal shall describe the process and systems used for how the subcontracting dollars for each small business category will be collected and reported to the DMEA Contracting Office on a monthly basis.

(b) Small Business Utilization

(1) The proposal shall identify, in terms of percentage of the total acquisition, the extent of work the offeror will perform as the prime contractor.

(2) The proposal shall identify, in terms of percentage of the total acquisition, the extent of participation of small businesses to include small businesses, small disadvantaged businesses, HUB Zone small businesses, women-owned small businesses, veteran-owned small businesses, and service-disabled veteran-owned small businesses in performance of the contract. The small business participation goals for ATSP4 are as follows:

Total Small Business – 5.00%
Small Disadvantaged Business – 1.00%
HUB Zone – 0.25%
Women-Owned – 1.00%
Veteran-Owned – 1.00%
Service-Disabled Veteran-Owned – 0.50%

(3) The proposal shall identify the plan to achieve the proposed small business participation goal percentages. If the proposed goals do not meet the above ATSP4 small business participation goal percentages, the proposal shall include a detailed justification for the proposed goals along with the offeror's plan of action to improve the small business participation to meet the ATSP4 small business participation goals.

(4) The proposed approach shall describe the nature and extent of participation of small business and outline the process to manage, implement, and integrate the entire team to ensure successful performance of contract requirements.

(5) The offeror's small business subcontracting plan shall detail the commitment/targets for the participation of small, veteran-owned, service-disabled veteran owned, disadvantaged, HUB Zone, and women-owned small business. (Not applicable for small businesses).

(6) The total dollars planned for small businesses, other than those of a small business prime, by definition, are equal under the participation plan and subcontracting plan.

(7) This subfactor applies to small business offerors (such offerors may count the percentage of work they perform themselves toward the small business utilization percentage).

(c) Small Business Subcontracting Plan (Not applicable for small businesses).

(1) The offeror shall provide a Small Business Subcontracting Plan in accordance with clause 52.219-9. The proposal shall provide the Small Business Subcontracting Plan in Volume 6.

(2) The Small Business Subcontracting Plan has no page limitations.

5.0 VOLUME 3 – PAST PERFORMANCE VOLUME

5.1 Factor 4: Past Performance

(a) This volume shall provide information on the prime offeror’s performance under prior Government contracts considered relevant by the offeror. Each offeror shall submit a past performance volume containing performance history information in accordance with the below requirements, including history of small business utilization in accordance with FAR 15.304(c)(3)(ii). Only efforts performed for agencies of the Government shall be submitted. Offerors are cautioned that the Government will use data provided by each offeror in this volume as well as data obtained from other sources in the evaluation of past performance. In an effort to expedite the assessment of the past performance criteria, each prime offeror shall complete the ATSP4 Past Performance Questionnaire.

(b) While the Government may elect to consider data obtained from other sources, the burden of providing adequate data to determine performance risk rests with the offeror. The Government does not assume the duty to search for data to cure problems it finds in proposals. Proposals that do not contain the required information are subject to rejection by the Government. Offerors are cautioned that the DMEA will use data provided in this volume and data obtained from other government sources in the past performance rating.

(c) There is no page limit for this volume, but responses shall include the same experience as proposed in factor 2, plus up to ten additional relevant contractual efforts. For each non-classified effort identified, submit a completed ATSP4 Past Performance Questionnaire or a reasonable facsimile. Do not submit questionnaires for classified performance.

ATSP4 PERFORMANCE RISK ASSESSMENT QUESTIONNAIRE (To be completed by the offeror)
1. Contract Number: _____
2. Contractor (Name, Address and Zip Code):
3. Type of Contract: Negotiated _____ Sealed Bid _____ Fixed Price _____ Cost Reimbursement _____ Hybrid (explain) _____
4. Complexity of Work: Difficult _____ Routine _____
Description, location: & relevancy of work
6. Contract Dollar Value: _____ Status: Active _____ Complete _____
7. Date of Award: _____ Contract Completion Date (including extensions): _____

8. Were subcontracting goals met? Provide DCMA Form 640, if available.

9. Name, Address, Tel. No. & e-mail of the Procuring Contracting Officer and/or the Contracting Officer's Representative (COR) (and other references, e.g., Administrative Contracting Officer, if applicable):

6.0 VOLUME 4 – COST/PRICE VOLUME

6.1 Factor 5: Cost/Price

(a) There is no page limit for this volume. Instructions for cost/price proposal are designed to provide a uniform format for submission of cost or pricing data fitting the pricing arrangements prescribed. The DMEA needs this data in order to evaluate cost reasonableness, realism, completeness, and unbalanced pricing. Compliance with these instructions is mandatory and failure to comply may result in the rejection of your proposal. All information relating to labor rates or fee percentages must be included in the section of the proposal designated as the cost/price volume. Data beyond that required by these instructions shall not be submitted unless it is considered essential to fully support your cost/price position.

(b) Solicitation Example Task (SET).

(1) The SET proposal instructions are included within the SET RFP in IFPP 4.1.2(b). The ground rules and assumptions (e.g. contract type, fee percentage ranges, etc.) of the prospective SET are provided in the appropriate sections of the SET RFP package. The SET's fee normal values and ranges are provided for hypothetical calculation purposes. For justifications of deviations away from the normal fee values, see DFARS 215.404-71.

(2) The cost proposal shall be provided in an interactive (with formulas) Microsoft Excel spreadsheet. The spreadsheet has to show all formulas providing the mathematical calculation and build up of all costs. A spreadsheet template will not be provided.

(3) (For reference - from subfactor 3.2) *The solicitation example task (SET) provides the offeror a framework to demonstrate a technical and management proposal with an associated matching cost proposal. The activities of the SET are not intended to be technically performed and are solely for proposal and evaluation purposes. Based on the provided SET, the proposal shall describe the technical and management approach for achieving the SET goals. The offeror's response to the SET shall provide a brief description that demonstrates an*

understanding of each element of the SET example requirements. The proposal shall include proposed performing organization(s) including the relationship of the performing organization to the prime, labor categories and labor hours, and any other direct costs (subcontracts, consolidated bill of materials, travel, etc.). Provide a rationale for estimate for the labor hours., however, a full basis of estimate is not required so long as an understandable, complete, and practical WBS is provided. Provide a cost/price analysis establishing the reasonableness of each of the proposed subcontracts. The proposal shall provide the SET technical and management proposal as Volume 5. The cost proposal shall be provided in an interactive (with formulas) Microsoft Excel spreadsheet. Please refer to IFPP 6.1(b) for further instructions regarding the preparation of the cost proposal.

(c) Rates and Business Systems. Along with your cost proposal for the SET, detail the following rates and business systems that apply and were used to develop the SET proposal:

(1) Accounting System: The proposal shall indicate whether the offeror has Government approval of the offeror's accounting system and, if so, provide evidence of such approval. Also, the proposal shall identify any deviation from the offeror's standard procedures in preparing this proposal.

(2) Estimating System: The proposal shall provide a summary description of the offeror's standard estimating system or methods. The summary description shall cover separately each major cost element (e.g. Direct Material, Engineering Labor, Manufacturing Labor, Indirect Costs, Other Direct Costs, Overhead, G&A, etc.). Also, the proposal shall identify any deviations from the offeror's standard estimating procedures in preparing this proposal volume. The proposal shall indicate whether the offeror has Government approval of the offeror's system, and if so, provide evidence of such approval.

(3) Purchasing System: The proposal shall indicate whether the offeror has Government approval of the offeror's purchasing system and, if so, provide evidence of such approval. Also, the proposal shall identify any deviation from the offeror's standard procedures in preparing this proposal.

(4) Disclosures: The proposal shall provide a copy of the most recent Cost Accounting Standard (CAS) Disclosure and DCMA's written determination of adequacy of CAS Disclosure statements.

(5) Rates: If available, the offeror shall provide a copy of its most recent forward pricing rate agreement (FPRA), forward pricing rate proposal (FPRP), cost estimating relationship (CER) manuals, pricing bulletins, and any other documentation necessary to show how offeror's basis, factors and numbers in its proposal were derived. The offeror shall provide a recent history (within 5 years) of the FPRP submissions and FPRAs, if any. If no FPRP or FPRAs are provided with the proposal, DMEA will assume that the offeror has not had or submitted either. If FPRP/FPRA information is not available, the offeror shall provide evidence as to how pricing is developed for tasks.

(d) Administration. The proposal shall provide the addresses of the cognizant Defense Contract Management Agency (DCMA) administration office and Defense Contract Audit Agency (DCAA) office. Provide the names, phone numbers, and e-mail addresses of the cognizant DCMA ACO, Divisional Administrative Contracting Officer (DACO), and Corporate Administrative Contracting Officer (CACO).

7.0 VOLUME 5 – SOLICITATION EXAMPLE TASK (SET) TECHNICAL AND MANAGEMENT PROPOSAL VOLUME

(a) The SET technical and management proposals are limited to a combined total of 10 pages.

(b) Based on IFPP 4.1.2(b), provide the SET technical and management proposal as volume 5.

(c) For further instructions on preparation of this volume, refer back to IFPP 4.1.2(b).

(d) The format of the SET technical and management proposal shall follow the instructions as identified in IFPP 2.0 (b) and (c).

8.0 VOLUME 6 – CONTRACT DOCUMENTATION VOLUME

(a) There is no page limit for this volume.

(b) Small Business Subcontracting Plan.

(1) Based on IFPP 4.1.3(c), provide the Small Business Subcontracting Plan proposal in Volume 6.

(2) For further instructions on preparation of this volume, refer back to IFPP 4.1.3(c).

(3) The format of the Small Business Subcontracting Plan shall follow the instructions as identified in IFPP 2.0(b) and (c).

(4) The Small Business Subcontracting Plan has no page limitations.

(c) Standard Form 33 (SF33).

(1) The offeror must complete the front page of the solicitation, the SF33.

(2) The offeror must fill in blocks 12 through 18.

(d) Section K – Representations, Certifications, and other Statements of Offerors.

(1) The offeror must complete the listed provisions in Section K of the proposal.

(2) All provisions should be certified and submitted as a part of volume 6.

(e) Exceptions to Solicitation.

(1) If necessary, the offeror may provide any exceptions to the solicitation. For each exception, the offeror must provide the exact location within the RFP that applies to the exception.

(2) The exceptions to solicitation have no page limitation.

(3) The format of the exceptions to solicitation shall follow the instructions as identified in IFPP 2.0 (b) and (c).

(f) Organizational Conflict of Interest (OCI) Notices.

(1) FutureWorld Technologies Inc. (FWT) provides information technology (IT) support and system administration. FWT manages contract administration software and limited users have access to all source selection information. FWT has executed a non-disclosure agreement.

(2) James Dininger is a full-time Intergovernmental Personnel Act (IPA) employee to DMEA via Potomac Institute for Policy Studies and will be a key advisor during the source selection and will have access to proposal files on an as needed basis, except for past performance information. Mr. Dininger signed a source selection participation agreement / non-disclosure agreement.

(3) Identify any offeror OCI issues and provide a mitigation plan per 52.209-9000.

(4) The OCI Issues and Mitigation Plan has no page limitation.

(5) The format of the OCI Issues and Mitigation Plan shall follow the instructions as identified in IFPP 2.0 (b) and (c).

(g) DCMA Form 640 – DCMA Review Of Contractor’s Subcontracting Program.

(1) Based on IFPP 5.1(c), ATSP4 Performance Risk Assessment Questionnaire, provide DCMA Form 640, DCMA Review Of Contractor’s Subcontracting Program if available.

(2) The DCMA Form 640 shall be provided as a part of volume 6.

(3) If the form is not available, please indicate such response in the IFPP 5.1(c), ATSP4 Performance Risk Assessment Questionnaire.

(h) Teaming/Subcontractor Agreements

(1) Based on IFPP 4.1.1(h), please provide a copy of any applicable teaming or subcontracting agreements.

(2) There is no page limitation for the teaming or subcontracting agreements.

(End of Summary of Changes)