

Mobility Enablement Prototype  
Request for White Papers  
Project Number: DISA-OTA19-R-MEO



**DEFENSE INFORMATION SYSTEMS AGENCY**  
The IT Combat Support Agency



## **Other Transaction Authority (OTA) Request for White Papers (RWP)**

<b>Project Number</b>	DISA-OTA-19-R-MEO
<b>RWP Title</b>	Mobility Enablement Prototype
<b>Issued by</b>	Defense Information Systems Agency (DISA) Other Transaction (OT) Agreement Team <a href="http://www.DISA.mil">www.DISA.mil</a>
<b>White Papers Due Date/Time (Suspense)</b>	<b>August 23, 2019 by 9:00 AM CST</b>
<b>Submit White Papers To</b>	<a href="mailto:disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil">disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil</a>

**Note:** Please advise DISA as soon as possible via email to [disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil](mailto:disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil) if your organization intends to submit a White Paper to DISA in response to this RWP.

**Amendment 0002** is issued to respond to vendor questions and extend the white paper due date to August 23, 2019 at 9:00 AM CST.

**Amendment 0001** is issued to extend the White Paper due date to August 19, 2019 at 9:00 AM CST and to change funding in Section 1.3 to available. Responses to questions will be answered at a later date.

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**Section 1. Request for White Papers**

**1.1 Purpose**

This request for White Paper (RWP) is being issued to seek vendors capable of fulfilling the technical objectives outlined below related to Mobility Enablement in order to conduct research, development, and testing activities to stand up an environment capable of supporting the development of secure mobile applications (apps) and streamline the security approval process to properly vet the apps for use on Department of Defense (DoD) mobile devices.

**1.2 Statement of Need**

DISA has made progress over the past few years, delivering a secure solution for mobile communications, DoD Mobility Unclassified Capability (DMUC) and DoD Mobility Classified Capability. To improve device utility, DISA requires a capability to efficiently develop and sustain secure mobile applications. In March 2018, DISA SD3 set out to enhance the mobile end users' experience, explore ways to maximize utilization, and lower the barrier for agile mobile application development by mirroring the commercial experience. An industry survey confirmed that the utility of mobile devices stems from accessibility of native applications. DoD mobile users should have the same tools and services to which they are accustomed on their desktop/laptop computer securely available on the mobile device. The MEO is planning to utilize Other Transaction Authority (OTA) to engage industry and prototype an agile solution. The goal is to stand up an environment capable of supporting the development of secure mobile applications (apps) and streamline the security approval process to properly vet the apps for use on DoD mobile devices.

The DoD does not currently have a means to efficiently build approved applications for a DoD mobile environment with security requirements incorporated into the development process. DISA requires a capability similar to what exists in industry to adopt mature processes for mobile application development and sustainment. There is an immediate need to mirror industry's agile approach while simultaneously including the required DoD security elements into that process. The project's objective is to prototype a web-based software development environment for creating secure mobile applications suitable for the DMUC capability and streamline the security approval process to properly vet the apps for use on DMUC devices. The development environment will be accessible from anywhere and by any qualified and authorized mobile applications developer. The prototype will minimally include an environment for iPhone Operating System (iOS) and Android applications development and include an automated means for ensuring compliance with the National Information Assurance Partnership (NIAP) criteria, the DoD Security Requirements Guide (SRG), the DoD Security Technical Implementation Guides (STIGs), and any other approved security measures. The prototype will also include tools for continuous integration, code repository, issue tracking, source control, and documentation.

**1.3 General Information**

Vendors are solely responsible for all expenses associated with responding to this RWP. White Papers shall follow the format described in Section 2. Evaluation and selection of the white papers will be completed based on criteria in Sections 3 and 4. Funding for this project is currently available. Responding to this Request for White Papers does not obligate the Government for costs associated with responding to this notice. The Government reserves the right to cancel this requirement if no White Papers satisfy the criteria contained in Section 3 and/or no funding becomes available to proceed to the Request for Proposal phase.

Subject to the availability of funds, the Defense Information Systems Agency (DISA), Defense Information Technology Contracting Organization (DITCO) at Scott AFB, IL intends to competitively issue this effort as an Other Transaction Agreement (OTA) in accordance with 10 U.S.C. 2371b. The subject request and, and resultant agreement, is not considered a procurement contract and is not subject to the Federal Acquisition Regulation.

The following general formatting requirements apply:

- Times New Roman 10 (or larger) single-spaced, single-sided, 21.6 x 27.9 cm (8.5 by 11 inches).
- Smaller type may be used in figures and tables, but must be clearly legible.
- Margins on all sides (top, bottom, left, and right) should be at least 2.5 cm (1 inch).

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- Page limit is ten (10) pages, does not include cover and certification pages.
- **DO NOT SUBMIT ANY CLASSIFIED INFORMATION.**

White Papers shall include a cover sheet (not counted toward the page limit) that includes:

- Prototype Project title
- Primary point of contact, including name, address, phone and e-mail contact information
- Total Prototype Solution Rough Order of Magnitude (ROM) cost, including any applicable consortium management fee.
- Date of submission

**Section 2. Submission Criteria**

**2.1 Technical Section Requirements**

The technical section of the White Paper shall contain, as a minimum, the following:

- Background and Benefits of Proposed Solution
- Technical Approach, including clearly defined prototype solution
- Schedule and Deliverables
- Participants, including description of contributions and significance of each
- Data Rights Assertions: Please state whether there are any data rights issues that the Governments should be cognizant of moving forward. Specifically, identify any intellectual property, patents and inventions involved in the proposed solution and associated restrictions on the Government’s use of that intellectual property, patents and inventions. The following table shall be presented for all assertions:

Technical Data/ Computer Software/ Patent to be Furnished with Restrictions	Basis for Assertion	Asserted Rights Category	Name of Entity Asserting Restrictions

**2.2 Cost Section Requirements**

The Government will be considering affordability in making its selection decision; therefore, the White Paper shall be required to contain cost information suitable for such evaluation.

This section shall include the ROM cost and ROM narrative associated with meeting the technical requirements as described in the White Paper. This shall include at a minimum the estimated costs for Labor, Material/Equipment, Other Direct Costs and Sub-contracts. Include the following table in this Section.

Cost Element	ROM
Prime Contractor Labor	\$-
Material/Equipment	\$-
Other Direct Costs	\$-
Subcontractor/Consultant Labor	\$-
Proposed Cost Share (if applicable)	\$-

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Prototype Solution ROM	
Total Solution ROM	\$-

The ROM Narrative shall include, at a minimum, details on the following cost categories for the ROM:

- Labor Rates. The ROM Narrative shall include the basis for which the estimated total labor hours were calculated. (i.e. Generic position titles and estimated rates and hours for those individuals.)
- Material/Equipment. Provide a list of the materials/equipment required to meet the technical approach as described in the White Paper and the estimated cost.
- Indirect Costs. Provide an estimate of the total indirect costs and provide data supporting how the estimate was calculated. This section should include a breakout of any estimated costs other than Labor and Material/Equipment. (i.e. Overhead, G&A, etc.)

**2.3 Affirmation of Business Status Certification**

Each participant shall complete the certification below. These certifications shall be included as an attachment to the White Paper and will not count toward the page limit. Please note that some sections in Certification may be left blank due to the type of business completing this form (e.g. non-traditional contractor).

Please note that in order to be eligible to submit a response to the RWP, vendors must meet the requirements outlined in 10 U.S.C. Section 2371b(d)(1).

**Affirmation of Business Status Certification (where applicable)**

<b>Business Entity</b>	
<b>Proposed NAICS Code</b>	
<b>Industry Size Standard (Small / Large)</b>	
<b>DUNS No.</b>	
<b>CAGE Code</b>	
<b>Active SAM Registration</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <b>Expiration Date:</b>
<b>Address 1</b>	
<b>Address 2</b>	
<b>City/State/Zip</b>	
<b>POC Name/Title</b>	
<b>POC phone/email</b>	

- Nontraditional Defense Contractor (NDC)** -A nontraditional defense contractor is an entity that is not currently performing and has not performed, for at least the one-year period preceding the issuance of this Request for White Papers by the Department of Defense, any contract or subcontract for the Department of Defense that is subject to full coverage under the cost accounting standards prescribed pursuant to section 1502 of title 41 of the U.S. Code and the regulations implementing such section. All small businesses are considered NDCs. A small business is a business concern as defined under section 3 of the Small Business Act (15 U.S.C. 632). To be considered a small business for the purposes of this RWP, a concern must qualify as a small business under the size standard for the North American Industry Classification System (NAICS) code, as described at 13 C.F.R. 121.201 and the proposed NAICS code above.
- Traditional Defense Contractor** - A traditional defense contractor is an entity that does not meet the above definition of a nontraditional defense contractor (NDC).

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This is to certify that the above is accurate, complete, and current as of \_\_\_\_\_ for (841813786).

<b>Signature</b>	
<b>Name</b>	
<b>Title</b>	
<b>Date</b>	

**Section 3: Evaluation Approach**

The Key Performance Parameters (KPPs) tie directly to the technical requirements and include, but are not limited to:

- a. The solution shall provide a development environment for creating secure mobile applications suitable for the DMUC.
- b. The solution shall minimally include an environment for iOS and Android applications development.
- c. The solution shall provide an automated means for ensuring compliance with NIAP, SRG, STIG, and any other approved security measures.
- d. The solution shall include tools for continuous integration, code repository, issue tracking, source control, and documentation.
- e. The solution shall enable and streamline the current process from app requirements to deployment from one year to one month.
- f. The solution shall provide an agile capability for application deployment to DoD mobile devices for at least three (3) existing and emerging DoD tools and services ideally with different complexity structures.
- g. Development ease: The solution shall provide a repeatable and secure process for building and deploying secure mobile applications.
- h. Development duration: The solution shall provide a development experience that avoids significant time lost on system configuration, functional testing, and security compliance. The goal for the development duration should be to reduce the number of sprints and total development time as much as possible.
- i. Security assessment duration: The solution shall perform automated mobile app security checks throughout the development cycle.
- j. Completeness of automated security analysis: The solution shall run a variety of static and dynamic analyzers, generating a compliance report. The solution shall provide an environment with governance and controls to give developers confidence that their applications will pass security compliance in a timely manner.
- k. Approval of the development process/tool chain for accreditation of mobile applications: The solution shall contain a cyber hardening methodology that integrates with existing code, deployment/updating, and cyber protection tools.
- l. Approval duration: The solution shall provide an accredited development process and mobile application security scoring/rating capability. The goal is to have high scoring mobile applications automatically deployed.
- m. Cost to scale for the DoD-Enterprise. The solution shall promote secure mobile application development practices and help developers to easily and quickly create DoD security compliant applications. The solution shall also be cost effective for ease of adoption for all DoD tools and services.

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- n. The solution shall provide a capability for remote access with DoD public key infrastructure (PKI) and external certification authority (ECA) certificate authentication to the development environment.
- o. The solution shall support secure remote access from both the Internet and NIPRNet.
- p. The solution shall support Role Based Access Control (RBAC) and grant remote access to system administrators.
- q. The solution shall provide an auditing/security log capability.
- r. The solution shall support data encryption at rest and encrypt the connection between the user and system or service host.
- s. The solution shall provide a results/reporting capability.
- t. The solution shall minimally include an environment for iOS and Android applications development.
- u. The solution shall provide an automated means for ensuring compliance with NIAP, SRG, STIG, and any other approved security measures .
- v. The solution shall include tools for continuous integration, code repository, issue tracking, source control, and documentation.

The overall evaluation will be conducted in three phases. Throughout the evaluation, the Government reserves the right, but is not obligated, to ask questions about individual vendors' solutions. However, any response to the RWP that does not fully address all of the requirements can be eliminated from further consideration. This RWP constitutes Phase I of the evaluation, described below.

**Phase I:**

The Government will issue a Request for White Papers (RWP) (based upon the approved OTA Authorization Form) via posting on the Dreamport website and FedBizOpps web site. The RWP will request vendors to submit rough order of magnitude costs and narratives. The Government will conduct an evaluation of all eligible white paper(s) submitted in response to this RWP. The white papers will be evaluated to identify viable solutions to the problem statement. The PM will provide a technical team to evaluate white paper submissions in accordance with the defined selection process detailed in the RWP. Final selection(s)/recommendation(s) will be made by the program management technical lead to the Agreements Officer (AO). After the evaluation of white paper(s), the Government may select solution(s) that will proceed to the next phase. Any vendor whose solution is not selected will be notified via letter of non-selection.

**Phase II:**

The Government will invite selected vendors to provide oral presentations, which can be conducted in person, via videoconference, or phone. During the presentation, a vendor should be prepared to discuss, in detail, its solution, which includes:

- (1) how the solution will be engineered;
- (2) what proposed automated security compliance/vetting tools are included in the solution;
- (3) what support models or mechanisms are included in the solution;
- (4) how the solution/vendor will address process improvement throughout the OT Agreement; and
- (5) the cost and schedule proposed for the implementation of the solution.

After the presentation, the Government will evaluate the vendors' solutions and determine whether it will proceed to the next phase. Any vendor whose solution is not selected will be provided a letter of non-selection.

**Phase III:**

The Government will issue a request for project proposals (RFPP) to the selected vendor(s). After the receipt of the RFPPs, the Government will conduct an evaluation to ensure it meets the requirements. The next step will be to invite the vendor(s) to meet with the Government in order to engage in negotiations. The Government will provide an initial model OT Agreement to the selected vendor(s), which will be the Government's opening position for negotiations.

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Using a collaborative process, the Government and each vendor will develop a detailed work statement, negotiate terms and conditions, agree on milestones, KPPs, and deliverables, and negotiate final price. Once the Government and selected vendor(s) reach an Agreement(s), the AO will conduct a pre-award review of the prototype OT Agreement(s). Upon the completion of the review, the AO will award a prototype OT Agreement(s) to a selected vendor(s). In the event that the Government is unable to reach an agreement with the initial selectee(s), the Government may re-evaluate white paper responses and make another selection(s).

**Section 3. Evaluation**

**3.1 Evaluation Criteria**

The overall evaluation will be based on an integrated assessment of ability to meet the below criteria:

1. Relevance
2. Technical merit
3. Business viability
4. Innovation
5. Price
6. Schedule
7. Data rights
8. Participants

The overall evaluation for Phase I will be based on an integrated assessment of the below criteria:

1. Relevance: The Government will determine whether the vendor's submission is relevant to the KPPs in the posted RWP. Please note that if the submission is not relevant to the posted RWP, it will not be evaluated further.
2. Technical Merit: Vendor's solution must meet the requirements to show they are technically sufficient and have the capabilities for development of secure mobile applications (apps) and streamline of the security approval process to properly vet the apps for use on DoD mobile devices and alignment with the KPPs.
3. Business Viability: Please address whether the company has the technical capability and resources to effectively accomplish the work. Describe similar work or qualifications that make your company technically capable of performing the tasks described in the RWP.
4. Innovation: Does the solution represent a unique, innovative, or previously under-utilized solution?
5. Price: In making a selection, the Government will consider affordability in comparison to the Government estimate to determine whether the proposed solution is in the best interest of the Government.

This section shall include the ROM cost and ROM narrative associated with meeting the technical requirements as described in the White Paper. This shall include, at a minimum, the estimated costs for Labor, Material/Equipment, Other Direct Costs and Sub-contracts. Include the following table in this Section.

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ROM	
Elements	Amount
Prime Contractor Labor	\$
Material/Equipment	\$
Other Direct Costs (ODC)	\$
Subcontractor/Consultant Labor	\$
Proposed Cost Share (if applicable)	\$
Total Solution ROM	\$
<b>TOTAL ROM</b>	<b>\$</b>

The ROM Narrative shall also include, at a minimum, details on the following cost categories for the ROM:

- Prime Labors. The ROM Narrative shall include the basis for which the estimate labor was calculated. (i.e. Generic position titles and estimated rates and hours for those individuals.)
- Material/Equipment. Provide a list of the materials/equipment required to meet the technical approach as described in the White Paper and the estimated cost.
- ODC: Provide a list of the other costs (e.g., travel) required to meet the technical approach as described in the White Paper and the estimated cost.

Subcontractor/Consultant: Provide a list of subcontractor/consultant effort required to meet the technical approach as described in the white paper and the estimated cost. Include the basis for which the estimated labor was calculated, (i.e., Generic position titles and estimated fully burdened hourly rates and hours for those individuals.)

The Government does not require supporting data to justify the estimated costs (e.g., copies of commercial/market price lists/rates, price history, subcontractor quotes, invoices) with the submission of the white paper. Vendors shall supply the supporting data upon the Request for Project Proposal.

6. Schedule: In this section, please provide an estimated timeline within which you expect to successfully complete the work. Describe any barriers that may be involved with meeting the timeline and how you plan to overcome them. Please explain any variation to the expected timeline and the potential impact.
7. Data Rights: In this section, please state whether there are any data rights issues that the Government should be cognizant of moving forward. Specifically, please identify any intellectual property, patents and inventions involved in the proposed solution and associated restrictions on the Government’s use of that intellectual property, patents and inventions. The following table shall be presented for all assertions:

Technical Data/ Computer Software/ Patent to be Furnished with Restrictions	Basis for Assertion	Asserted Rights Category	Name of Entity Asserting Restrictions

8. Participants: In this section, please list all participants (i.e. other vendors), including description of contributions and significance of each participant.



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**Section 4. Basis for Selection**

It is the Government's intention to negotiate, select and fund Prototype Project(s) at the conclusion of the three (3) phase approach, discussed in Section 3, above. The White Paper selection will be conducted in accordance with the evaluation criteria in Section 3.

**4.1** The Government will make a determination whether to:

- a) Select the White Paper(s), or some portion of the White Paper(s);
- b) Retain the White Paper(s) in a library for potential future requirements for three (3) years;
- or
- c) Reject the White Paper(s) for further consideration

The White Paper basis of selection decision will be formally communicated to vendors in writing. Once the selection of the best solution(s) is made, the Government team will proceed to Phase II and Phase III, described in Section 3, above.

The exact nature of the Intellectual Property (IP) and the rights of each party in IP developed prior to (i.e. "Background Technology") and under this prototype OTA will be determined during negotiations. Specifically, the negotiations will address jointly and individually created: (1) technical data; (2) copyrighted works, which include computer software and computer software documentation; (3) inventions; (4) trademarks; and (5) proprietary licenses to copyrighted works and inventions. In addition, the negotiations will address the nature, use and restrictions (i.e. markings) of any Background Technology.

**4.2** The Government intends to award at least one prototype OTA Agreement. Provided that the prototype OTA(s) is (are) successfully completed, the Government may award follow-on production contract(s) or transaction(s) to the participant(s) in the transaction for the prototype project, without further competition. The scale of a production contract or transaction will encompass all users connected to the DoDIN, which is approximately 3.5 million users across the Department of Defense.

**Section 5: Additional Information**

**5.1 Security Requirements**

No information classified as "Confidential", "Secret", or "Top Secret" shall be submitted or included in the responses to this RWP.

**5.2 Other Special Requirements**

**5.2.1** It is generally desired that active research and development (R&D) is underway for concepts submitted under this effort. Active R&D includes analytical studies and laboratory studies to physically validate the analytical predictions of separate elements of the technology, as well as software engineering and development.

**5.2.2** The costs associated with participating in Phases I through III, to include white paper preparation and submission, is not considered an allowable charge to any contract or agreement.

**5.3 Export Controls**

Research findings and technology developments arising from the resulting White Paper may constitute a significant enhancement to the national defense and to the economic vitality of the United States. As such, in the conduct of all work related to this effort, the recipient will comply strictly with the International Traffic in Arms Regulation (22 CFR 120-130), the National Industrial Security Program Operating Manual (DoD 5220.22-M) and the Department of Commerce Export Regulation (15 CFR 730-774).

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**5.4 Disclosure of Information**

White papers, Project Proposals, Project Work Statements, etc. containing data that is not to be disclosed to the public for any purpose or used by the Government except for evaluation purposes shall include the following sentences on the cover page:

*“This white paper includes data that shall not be disclosed outside the Government, except to non-Government personnel for evaluation purposes, and shall not be duplicated, used, or disclosed -- in whole or in part -- for any purpose other than to evaluate this submission. If, however, an agreement is issued to this Company as a result of -- or in connection with -- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent agreed upon by both parties in the resulting agreement. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]”*

**5.4.1** Each restricted data sheet should be marked as follows:

“Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this white paper.”

**Section 6: Responses**

All questions concerning this RWP shall be submitted to [disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil](mailto:disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil), Ms. Coni Jackson, [constance.e.jackson4.civ@mail.mil](mailto:constance.e.jackson4.civ@mail.mil) and Mr. Joseph Santel, [joseph.l.santel2.civ@mail.mil](mailto:joseph.l.santel2.civ@mail.mil). Please provide any questions, in writing, no later than **07 August 2019 at 2:00 PM** Central Standard Time (CST). The Government reserves the right to not answer questions submitted after this time.

The response shall be due no later than **9:00 AM CST on 23 August 2019**. The responses shall be emailed to Mr. Joseph Santel, [joseph.l.santel2.civ@mail.mil](mailto:joseph.l.santel2.civ@mail.mil), Ms. Constance Jackson, [constance.e.jackson4.civ@mail.mil](mailto:constance.e.jackson4.civ@mail.mil) and [disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil](mailto:disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil).