

Enterprise Data Optimization Tool (EDOT) Prototype  
**Request for White Papers**  
Project Number: DISA-OTA-20-R-EDOT



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



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

<b>Project Number</b>	DISA-OTA-20-R-EDOT
<b>RWP Title</b>	Enterprise Data Optimization Tool (EDOT) 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>May 25, 2020 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.

The Defense Information Systems Agency (DISA), Infrastructure Directorate through the DISA Procurement Services Directorate (PSD) is seeking information from Industry to evaluate the development of a DISA Enterprise Data Optimization Tool (EDOT) Prototype.

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## **SECTION 1 OVERVIEW/DESCRIPTION**

### **1.1 PURPOSE**

The Defense Information Systems Agency (DISA) as supported by DOD CIO and USSPACECOM has an ongoing need for a next generation “Data Controller” capability to enable reliable data communications over legacy Ultra-High Frequency (UHF) Satellite Communications (SATCOM), Integrated Waveform (IW), Mobile User Objective System (MUOS), Line of Sight (LOS), High Frequency (HF), and Extremely High Frequency (EHF) to facilitate dissemination of critical Situational Awareness (SA) and Command and Control (C2) information.

As the increasing scarcity of UHF Follow-On (UFO) satellite resources obliges DoD to transition to more heavily utilize the IW and the emerging MUOS in place of dedicated UHF SATCOM, DISA is moving to a next generation data controller solution. To develop a new enterprise-level data controller capability that would provide greater access to the Department of Defense Information Network (DoDIN) and expanded Network Management capabilities, DISA representatives have proposed the Enterprise Data Optimization Tool (EDOT). This request for White Paper (RWP) is being issued to conduct research, development, and testing activities associated with Enterprise Data Optimization Tool (EDOT).

### **1.2 STATEMENT OF NEED**

DISA’s current data controller, PDA-184, is a software application that implements MIL-STD-188-184A: *Interoperability and Performance Standard for the Data Control (DC) Waveform* and can be installed on Windows based laptops connected to tactical radios to facilitate data communications. Since its conception in the late 1990s and first widespread release in 2003, the PDA-184 has provided the Warfighter with the capability to perform data communications while on the move using existing tactical radios supporting Line-of-Sight (LOS), Legacy SATCOM Waveforms and most recently the Integrated Waveform (IW). PDA-184 enables optimized data transfer for Point to Point (PtP), Multicast, and Broadcast data, including chat, file transfer, and email in support of operational requirements. As user data transfer requirements have evolved, PDA-184 has evolved to support additional waveforms and terminals to meet the needs of the Warfighter. However, to keep up with the ever-changing net-centric battlefield, a new enterprise level data controller is required.

The Enterprise Data Optimization Tool (EDOT) will provide a follow-on enterprise level data controller capability that will enable greater access to the Department of Defense Information Network (DoDIN) and expanded Network Management capabilities. EDOT will provide a private network connection between tactical radios and DoDIN services while providing the ability to consolidate various tactical radio networks through an Internet Protocol (IP) gateway to bridge communications between two or more users who may be on disparate (unrelated) waveforms and frequency bands via the DoDIN. This will allow for Secret Internet Protocol Router Network (SIPRNet) and Non-classified Internet Protocol Router Network (NIPRNet) access to any tactical radio user. The EDOT will also provide the ability to cross-link space and surface communications, support legacy communication systems, Tactical Edge User Nodes, ground entry points, and provide targeted or on-demand connectivity.

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EDOT will enable the Warfighter to communicate data effectively, optimizing both waveform transmissions and user data, while also bridging the gap between systems using different waveforms, and connecting end users to the DoDIN.

EDOT will enable Narrowband Networks connectivity to the DoDIN, by allowing narrowband network connections to terminate to the DoDIN. This capability allows for the Warfighter to access the DoDIN without first establishing a DoDIN connected base station as an intermediary. Currently, some available waveforms support access to the DoDIN, but they only support access to the DoDIN in certain modes. Other UHF SATCOM and HF networks do not natively support DoDIN connectivity, but require a combination of commercial tools and unique waveforms to support limited DoDIN connectivity when connected to a gateway computer.

EDOT will provide a connection between narrowband RF users on different RF bands using different waveforms. This capability will allow UHF and HF networks, including Legacy SATCOM, Legacy DAMA, IW, MUOS, and LOS to communicate data directly and efficiently. This capability could remove the current constraints on mission planners when ensuring interoperability is available to users, and eliminate the need for use cases that require the Warfighter to carry multiple radios and manually convert data to support mission requirements.

Network Management of shared channels provides a data controller capability to narrowband RF users, enabling timely and reliable data communications between multiple narrowband RF users sharing a given channel or service. EDOT will provide channel negotiation, bandwidth management and optimization. In addition to RF bandwidth optimization/management, this capability can optimize transmitted data via compression, forward error correction (FEC), protocol optimization, and data buffering. It will also enable effective handshakes when crossing between disparate networks.

This project will produce up to two EDOT Prototype capabilities supporting multiple radio platforms, including handheld, manpacks, airborne, shipborne, and ground terminals; supporting multiple waveforms, including LOS and BLOS, SATCOM and Terrestrial; providing robust point-to-point, multicast and broadcast data communications over degraded links; enabling efficient data communications over MUOS Group Services; providing chat and file transfer capabilities; provide backward compatibility with PDA-184; enabling IP-based communications (including TCP/IP and UDP) over UHF SATCOM radio nets; providing a bridging capability to another IP-based network, which could include another EDOT-based radio network.

EDOT will solve key network and SATCOM communications gaps that were highlighted by both Military Departments and Combatant Commands. In addition to providing DoDIN connectivity to Narrowband Networks, including MUOS, IW, Dedicated SATCOM, and HF Systems, EDOT will provide interoperability across otherwise different and disconnected networks. This will provide network management of shared channels, and enable interoperability with Coalition and Allied forces.

### **1.2.1 EDOT PHASED APPROACH**

The phased approach for EDOT capability employs an incremental approach based on The Middle Tier of Acquisition: Rapid Prototyping. The entire EDOT effort is comprised of three phases, but *the*

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*current EDOT prototype OTA effort will only encompass Phase I Application Development and includes architectural design and implementation that will set up the foundations for the development of subsequent phases. Phase II and Phase III efforts are considered future development iterations of the EDOT.*

The key capability gaps to be fulfilled are as follows:

- **Narrowband Radio Frequency (RF) Systems/Networks Connectivity to the DoD Information Network (DoDIN)**  
A means to extend the DoDIN infrastructure to the warfighters on the tactical edge to exchange critical operational information utilizing DoDIN services. The EDOT prototype shall provide a DoDIN connection for SATCOM users that enables efficient information-sharing and mission execution that includes low data rate video streaming and access to the common operational picture.
- **Interoperability across Disparate Networks and Devices**  
Ability to interconnect otherwise unassociated networks and devices. The EDOT Prototype shall provide a device and network agnostic solution that will establish a connection between terrestrial and satellite networks that include different RF bands and waveforms using any combat net radio and handheld computer. This device shall enable a warfighter using ultra-high frequency (UHF) or high frequency (HF) networks, including Legacy SATCOM, IW and MUOS to communicate data directly and efficiently across the battlespace.
- **Network Management Services**  
Management of existing network resources and operations. The EDOT Prototype shall manage and control resources from multiple networks, dedicated and shared, which shall enable timely, reliable, and verifiable data dissemination to the appropriate user while properly supporting the diverse mix of technology that exists across the battlespace. This includes provisioning of networks, channel negotiation, bandwidth management and optimization, data compression, Forward Error Correction (FEC), protocol optimization, and data buffering while maintaining quality of service.
- **Interoperability with Allied Forces**  
Communications medium capable of connecting US and coalition forces utilizing narrowband. The EDOT Prototype shall be just as secure as it is flexible to handle the coalition force's makeup and adapt to such diverse framework utilizing Cybersecurity (CS) policies/guidance and the Mission Partner connection approval process to avoid compromising the individual security of allies.

## **1.2.2 PHASE I APPLICATION DEVELOPMENT**

The EDOT Application Development Prototype phase will consist of:

### **1.2.2.1 CREATION OF DOCUMENTATION AND PROCESSES SUPPORTING EDOT DEVELOPMENT**

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- The EDOT Prototype shall establish a Technical Working Group comprised of members of the data controller user community which will validate and refine existing requirements/use-cases captured in the SATCOM Systems Engineering Group Narrowband Technical Working Group's (NTWG)'s *Data Controller Gap Analysis* White Paper, and the DoD CIO's *Programmatic Decisions for the FY2020 Budget Request* Issue Paper.
- The creation of supporting documentation will include requirement validation, Initial Capability Design document (ICD), Capability Development Documents (CDD), Software Design Document (SDD), System Engineering Plan (SEP), and test and integration plans and procedures.

**1.2.2.2 EXISTING PDA-184 DATA CONTROLLER CAPABILITES**

- The EDOT Prototype shall be interoperable with PDA-184 and implement the MIL-STD-188-184A Data Controller protocol. However, the solution may implement other protocols where needed to provide the additional capabilities, and should use open systems wherever possible.
- The EDOT Prototype shall have the ability to use 3rd Party Network Apps at the Tactical Edge and shall support a native chat/messaging capability, supporting interfacing with Internet Relay Chat (IRC), and eXtensible Messaging and Presence Protocol (XMPP) chat clients and servers.

**1.2.2.3 IP SUPPORT**

- The EDOT Prototype shall implement an IP network interface to enable the use of third-party network-based applications over the radio link. The EDOT prototype shall support the streaming of video over low data rate, and the sharing or accessing of the Common Operational Picture (COP) from the tactical edge. This capability, at a minimum, shall include UDP Streaming Support and TCP/IP Support.
- The EDOT Prototype shall enable data communications between IP-based networks and the radio RF network.

**1.2.2.4 MUOS TRANSPORT SERVICE CLASSES AND BASIC DATA SERVICE TOPOLOGIES GROUP SERVICES SUPPORT AND MLGC SUPPORT**

- MUOS Group Services allow two or more MUOS users to share a single Wideband Code Division Multiple Access (WCDMA) channel, similar to legacy UHF SATCOM netted communications. The EDOT Prototype shall support efficient data communications over MUOS Group Services supporting MUOS Point to Point (PtP) and Point to Net (PtN).
- The EDOT Prototype shall support the MUOS to Legacy Gateway Component (MLGC), which resides in the Teleport Gateway infrastructure to provide a bridging capability so that Users of the legacy UHF SATCOM system can communicate with new MUOS Users.

**1.2.2.5 PLATFORM**

- The EDOT Prototype shall, at minimum, run on the Microsoft Windows 10 operating system. In addition, the EDOT Prototype shall have the ability to target mobile platforms (for example, Android based platforms).

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- The EDOT Prototype shall target an initial set of radios and waveforms, which will be negotiated between the vendor and government. However, the solution shall be modular and readily upgradable to support additional radio interfaces and waveforms.
- The EDOT Prototype shall support data communications over UHF SATCOM Integrated Waveform (IW) TDMA services; and Mobile User Objective System (MUOS) Point-to-Point, Point-to-Network and Group services. The solution shall also support data communications over dedicated UHF SATCOM channels, DAMA UHF SATCOM services, HF data links, and EHF links.

### **1.2.3 A FOUNDATION FOR FUTURE DATA CONTROLLER EVOLUTION**

- Successful completion of the EDOT Prototype, described in this document as Phase 1, shall provide a foundation for future data controller evolution. This evolution shall enable greater access to the Department of Defense Information Network (DoDIN) and expanded Network Management capabilities. It shall provide a private network connection between tactical radios and DoDIN users while providing the ability to consolidate various tactical radio networks through an Internet Protocol (IP) gateway to bridge communications between two or more users who may be on disparate waveforms and frequency bands. These gateways shall enable SIPRNet and NIPRNet access to any tactical radio user. Further evolution shall also provide the ability to cross-link space and surface communications, support legacy communication systems, tactical edge user nodes, ground entry points, and provide targeted or on-demand connectivity.
- Phase II will build on Phase I to demonstrate DoDIN integration capabilities. Phase II will enable seamless integration to DoDIN applications and services (NIPRNet/SIPRNet). Phase II will also allow the capability to integrate into gateway sites to bridge communications between two or more users who may be on disparate waveforms and frequency bands via the DoDIN.
- Phase III will focus on tactical edge integration by allowing agnostic band and waveform data communications. Phase III will provide the ability for any SATCOM radio on any frequency band to talk to any other disparate SATCOM radio on different frequency bands and/or waveforms. Access to the DoDIN will be agnostic to band to enable access and data exchange from the tactical edge.

## **SECTION 2 GENERAL SUBMISSION REQUIREMENTS**

### **2.1 FORMATTING**

Vendors are solely responsible for all expenses associated with responding to this RWP. White Papers shall follow the format described below. Evaluation and selection of the White Papers will be completed based on criteria in Section 3 Evaluation Approach and Section 4 Award. Responding to this RWP 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 3.4 Evaluation Criteria and/or no funding becomes available.

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Subject to the availability of funds, the DISA/Defense Information Technology Contracting Organization (DITCO) at Scott AFB, IL intends to competitively issue this effort as an OTA Agreement in accordance with 10 U.S. Code §2371b. If an OTA is awarded from this subject request, the Agreement is not considered a procurement contract and therefore not subject to the Federal Acquisition Regulation (FAR).

The following **White Paper** 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);
- Page limit is twenty (20) pages, does not include cover sheet and the Affirmation of Business Status Certification, Rough Order of Magnitude (ROM) Template, Intellectual Property Statement/Agreements/Disclosures;
- *Italic Red* text with brackets borders (e.g. [*company name*]) indicated areas for entry of information by the vendor. Delete all italicized text, contained within brackets before submittal of the White Paper;
- Page limitations shall not be circumvented by including inserted text boxes/pop-ups or internet links to additional information. Such inclusions are not acceptable and will not be considered as part of the response to Request for White Papers; and
- DO NOT SUBMIT ANY CLASSIFIED INFORMATION.

A White Paper **Cover Sheet** is required for all submission and must include the following:

- OTA Project Number;
- Project Title;
- Company Title/Name of Proposed System
- Date of Submittal;
- Primary point of contact (POC), including name, address, phone and e-mail contact information;
- Total ROM cost for the two (2) year period of performance; and
- Disclosure of Information Statement (Section 5.2 Disclosure of Information).

## **2.2 MINIMUM ACCEPTABILITY**

The Government will evaluate RWP submissions that are deemed as “complete.” To be considered “complete” submissions must contain at a minimum the following:

- Cover Sheet (Section 2.1 Formatting),
- Signed Intellectual Property Statements / Agreements / Disclosures (Section 2.3 Intellectual Property Statement/Agreements/Disclosures),
- Signed Affirmation of Business Statement (Section 2.4 Affirmation of Business Status Certification), and
- Address all of the Evaluation Criteria Factors (Sub-Sections 3.4.1 Technical – 3.4.7 Participants).

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If the vendor fails to include/address the minimum acceptability requirements (as defined above and throughout the RWP) the White Paper submission will be deemed non-compliant and inadequate for further evaluation.

**2.3 INTELLECTUAL PROPERTY STATEMENT/AGREEMENTS/DISCLOSURES**

**2.3.1 SUBMITTER STATEMENT**

Each participant shall complete the submitter statement below. The statement shall be included as an attachment to the White Paper and will not count toward the page limit.

I, *[insert submitter's full name]*, of *[insert full postal address]*, do hereby declare that the EDOT Prototype, that I have submitted, known as *[insert name of prototype]*, is my own original work, or if submitted jointly with others, is the original work of the joint submitters.

I further declare that *[check one]*:

I do not hold and do not intend to hold any patent or patent application with a claim which may cover the EDOT Prototype that I have submitted, known as *[insert name of prototype]*;

**OR** *[check one or both of the following]*:

to the best of my knowledge, the submitted EDOT Prototype, may be covered by the following U.S. and/or foreign patents: *[describe and enumerate or state "none" if applicable]*;

I do hereby declare that, to the best of my knowledge, the following pending U.S. and/or foreign patent applications may cover the submitted EDOT Prototype: *[describe and enumerate or state "none" if applicable]*.

I certify that, to the best of my knowledge, I have fully disclosed all patents and patent applications, which may cover the prototype, standards, or algorithms.

I do hereby agree to provide the statements required by Section 2.3.2 Patent Owner(s) Statement.2 and 2.3.3 Reference Owner(s) Statement, below, for any patent or patent application identified to cover the practice of my EDOT Prototype, standards, or algorithms and the right to use such for the purposes of the evaluation process.

<b>Signature</b> (electronic signature is acceptable)	✕ _____
<b>Name</b>	<i>[Insert Name of Representative]</i>
<b>Title</b>	<i>[Insert Title of Representative]</i>
<b>Date</b>	<i>[Insert Date of Signature]</i>

**2.3.2 PATENT OWNER(S) STATEMENT**

Each participant shall complete the Patent Owner(s) statement below. The statement shall be included as an attachment to the White Paper and will not count toward the page limit.

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If there are any patents (or patent applications) identified by the submitter, including those held by the submitter, the following statement must be signed by each and every owner, or each owner’s authorized representative, of each patent and patent application identified.

I, *[insert full name]*, of *[insert full postal address]*, am the owner or authorized representative of the owner *[print full name, if different than the signer]* of the following patent(s) and/or patent application(s): *[enumerate]*, and do hereby commit and agree to grant to any interested party on a worldwide basis, if the EDOT Prototype is selected, a non-exclusive license for the purpose of implementing standards or algorithms *[check one]*:

without compensation and under reasonable terms and conditions that are demonstrably free of any unfair discrimination,

OR

under reasonable terms and conditions (identified in section 3.4.6 –Proposed Data Rights Assertion) that are demonstrably free of any unfair discrimination.

I further do hereby commit and agree to license such party on the same basis with respect to any other patent application or patent hereafter granted to me, or owned or controlled by me, that is or may be necessary for the purpose of evaluating the proposed EDOT Prototype. Any future follow-on Production Contract could/will require re-negotiated terms and conditions.

I further do hereby commit and agree that I will include, in any documents transferring ownership of each patent and patent application, provisions to ensure that the commitments and assurances made by me are binding on the transferee and any future transferee.

I further do hereby commit and agree that these commitments and assurances are intended by me to be binding on successors-in-interest of each patent and patent application, regardless of whether such provisions are included in the relevant transfer documents.

I further do hereby grant to the U.S. Government, during the evaluation process, and during the lifetime of the standard, a nonexclusive, non-transferrable, irrevocable, paid-up worldwide license solely for the purpose of modifying my submitted specifications (e.g., to protect against a newly discovered vulnerability) for incorporation into the prototype efforts.

<b>Signature</b> (electronic signature is acceptable)	✕ _____
<b>Name</b>	<i>[Insert Name of Representative]</i>
<b>Title</b>	<i>[Insert Title of Representative]</i>
<b>Date</b>	<i>[Insert Date of Signature]</i>

**2.3.3 REFERENCE OWNER(S) STATEMENT**

Each participant shall complete the Reference Statement below. The statement shall be included as an attachment to the White Paper and will not count toward the page limit.

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I, *[insert full name]*, *[insert full postal address]*, am the owner or authorized representative of the owner *[insert full name, if different than the signer]* of the submitted EDOT Prototype and hereby grant the U.S. Government and any interested party the right to reproduce, prepare derivative works based upon, distribute copies of, and display such implementations for the purposes of the EDOT Prototype evaluation process and if the corresponding EDOT Prototype is selected, notwithstanding that the application may be copyrighted or copyrightable.

<b>Signature</b> (electronic signature is acceptable)	✕ _____
<b>Name</b>	<i>[Insert Name of Representative]</i>
<b>Title</b>	<i>[Insert Title of Representative]</i>
<b>Date</b>	<i>[Insert Date of Signature]</i>

**2.4 AFFIRMATION OF BUSINESS STATUS CERTIFICATION**

Each participant shall complete the certification below. The certification shall be included as an attachment to the White Paper and will not count toward the page limit. Please note that some sections in the 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 Request for White Paper (RWP), vendors must meet the requirements outlined in 10 U.S.C §2371b(d)(1). Vendors shall explain in their White Paper submission, not to exceed (NTE) 15 pages, how they will meet these statutory requirements. Failure to provide the required explanation may result in your White Paper not being considered for this OTA effort.

<b>Participant Name</b>	<i>[Insert Participant Name]</i>
<b>Proposed <u>North American Industry Classification System (NAICS) Code</u></b>	<i>[Insert NAICS Code]</i>
<b>Industry Size Standard</b>	<i>[Check one of the following boxes]</i> <input type="checkbox"/> Small <input type="checkbox"/> Large <input type="checkbox"/> Federally Funded Research & Development Center
<b>Data Universal Numbering Systems (DUNS) Number</b>	<i>[Insert DUNS Number]</i>
<b>Commercial &amp; Government Entity (CAGE) Code</b>	<i>[Insert CAGE Code]</i>
<b>Active System for Award Management (SAM) Registration</b>	<i>[Check one of the following boxes and insert date]</i> <input type="checkbox"/> Yes <input type="checkbox"/> No   Expiration Date:

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<b>Address 1</b>	<i>[Insert Address Number and Street]</i>
<b>Address 2</b>	<i>[Insert suite, office, etc. Number]</i>
<b>City/State/Zip Code</b>	<i>[Insert City, State, Zip Code]</i>
<b>Point of Contact (POC) Name/Title</b>	<i>[Insert POC Name and Title]</i>
<b>POC Phone/Email</b>	<i>[Insert POC Phone and Email]</i>

*[Check one of the following boxes:]*

**Nontraditional Defense Contractor (NDC):** A NDC 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 DoD, any contract or subcontract for the DoD that is subject to full coverage under the cost accounting standards prescribed pursuant to 41 U.S. Code §1502 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. Code §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 definition of an NDC. Any traditional defense contractors must comply with 10 U.S. Code §2371b(d)(1)(C) in order to be eligible to submit an RWP.

This is to certify that the above is accurate, complete, and current as of *[MM/DD/YYYY]* for Enterprise Data Optimization Tool (EDOT) Prototype.

<b>Signature</b> (electronic signature is acceptable)	✕ _____
<b>Name</b>	<i>[Insert Name of Representative]</i>
<b>Title</b>	<i>[Insert Title of Representative]</i>
<b>Date</b>	<i>[Insert Date of Signature]</i>

**SECTION 3 EVALUATION APPROACH**

The Government will employ a three-phased evaluation approach for the award of the Enterprise Data Optimization Tool (EDOT) Prototype OTA. An award may be made to the responsible vendor whose offer, conforming to the requirements outlined in the RWP, is determined to be the best overall value to the Government, price, and other factors considered. The evaluation criteria are outlined in sub section 3.4.1 – 3.4.7.

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

### **3.1 PHASE I – WHITE PAPER EVALUATION**

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. 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 two or more solutions and proceed to the next phase. Any vendor whose solution is not selected will be provided a letter containing brief explanation for non-selection.

### **3.2 PHASE II – ORAL PRESENTATIONS**

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. After the presentation, the Government will conduct evaluations and determine whether a vendor will proceed to the next phase. Any vendor whose solution is not selected will be provided a letter with brief explanation for non-selection.

### **3.3 PHASE III – REQUEST FOR PROJECT PROPOSAL**

The Government will issue a Request for Project Proposal (RFPP) to the selected vendor. 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 to meet with the Government in order to engage in negotiations. The Government will provide an initial model OT Agreement to the selected vendor, which will be the Governments opening position for negotiations. Using a collaborative process, the Government and the selected vendor will develop a detailed Project Work Statement (PWS); negotiate Terms and Conditions (T&Cs); agree on milestones, performance standards, deliverables, and negotiate final price. Once complete and all parties are in agreement, the AO will award a prototype OTA to the selected vendor. In the event that the Government is unable to reach an agreement with the initial selectee, the Government may re-evaluate White Paper Responses and make other selections.

### **3.4 EVALUATION CRITERIA**

The overall evaluation will be based on the integrated assessment of the criteria outlined in sub-sections 3.4.1 – 3.4.7.

Vendors are required to meet all of the evaluation requirements, objectives, and representations. Failure to respond to any of the follow evaluation factors listed below (sub-sections 3.4.1 – 3.4.7) may result in elimination from the competition. In addition, the Government has included several templates (e.g., tables, etc.) within several of the evaluation factors outlined below, that identify the minimum level of information that must be included with the final submission. If a vendor fails to include the Government provided templates (identified as required), then such failure may result in

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the vendor's White Paper submission being deemed non-compliant and inadequate for further evaluation.

### 3.4.1 TECHNICAL

The Government will evaluate the vendor's technical merit based on the criteria listed below:

- The Offeror's capabilities, related experience, facilities, techniques or unique combination of these for the proposed:
  - Software development approach
  - Integrated development environment (IDE) software suite and tools utilized to write, edit, and test the application
    - The development environment shall minimally include a secure environment for Windows, Linux, and Android applications development and testing
  - Tools for continuous integration, code repository, issue tracking, source control, and documentation
  - Approach to make the proposed solution compliant with NIAP, SRG, STIG, and any other approved security measures;
  - Compliance with Military Standards
  - Plan to migrate from existing solutions to the proposed solution
  - Testing and validation measures that will be undertaken to validate that real-world performance of any developed system aligns with projections
- The proposed approach shall be based on feasible and realistic scientific methods and provide the Government with a high level of confidence of successful completion within proposed timeline. The Offeror shall demonstrate a thorough understanding of the problem and articulate a clear approach to address the following objectives.
  - Ability to support cross-platform, with the possibility of parallelization (e.g., simultaneous Data reception and transmission in multiple networks, Multiple EDOT instances running concurrently)
  - Provide an auditing/security log capability
  - Support data encryption at rest and if required encrypt the connection between the EDOT application and the DODiN
  - Support the use of 3rd party Apps at the Tactical Edge
  - Support secure access from the tactical edge to the SIPRNet/NIPRNet
  - Resistance to packet loss, high latency, limited bandwidth, and other disadvantaged network users, specifically those operating in a noisy RF environment
  - support Streaming video on high latency, limited bandwidth, noisy RF networks
  - Interoperability and/or integration with MLGC
  - Provide situational awareness to the user, that is at a minimum:
    - Reporting of Channel Quality
    - Network/Waveform Info (Legacy SATCOM, IW, MUOS, LOS, IP, etc.)
    - User Presence (“Available,” “Away,” “Do not Disturb,” “Offline”)
  - Enterprise-Ready, that is:
    - Security/Privacy
      - Options like two-factor sign-in

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- Data management policies; Store/Clear data on gateway servers;
- Scalability
  - Distribution
  - Automated user provisioning and de-provisioning
  - Learning Curve as compared to current fielded applications
- Compliance
  - Risk Management Framework (RMF)
- Integration
  - Integrations with other software
  - Integrations with Radios
- Flexibility
  - Technology stack that accommodates future system integration
  - Can easily connect and communicate with older versions
- The quality of the respondent's detailed, executable program plan, including:
  - the estimated level of effort
  - the resumes and contingent letters of commitment of [whatever personnel you are considering key]
  - a schedule template
- The Offeror shall demonstrate relevant organizational capabilities [e.g., experience, facilities, techniques] beyond individual capability to ensure the proposed objectives can be achieved by the organization as a whole;

### **3.4.2 SECURITY**

The Government will evaluate the vendor's security approach based on the criteria listed below:

- Ability to provide or enable multiple security features (e.g. associated key establishment and authentication schemes);
- Ability to be deployed efficiently as an upgrade to existing systems without disruption or vulnerability to downgrade attacks;
- NIST Special Publication 800-53, Security and Privacy Controls for Federal Information Systems and Organizations, April 2013 or most recent version;
- NIST Special Publication 800-63, Revision 3, Digital Identity Guidelines, June 2017 or most recent version;
- NIST Special Publication 800-162, Guide to Attribute Based Access Control (ABAC) Definition and Considerations, February 25, 2019 or most recent version;

### **3.4.3 BUSINESS VIABILITY**

Business viability shall be included as an attachment to the White Paper and will not count toward the page limit. Please address whether the company has the technical capability and resources to effectively accomplish the work. The White Paper should also address the following: Describe your company or organization:

- ○ When was it established?
- ○ Who are the principals?

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- o What is the main focus of your business?
- o Who are your firm’s primary customers?
- o What efforts similar in scope or complexity to the ICAM effort have you successfully performed?
- o What is your annual revenue (sales and costs)?
- o How many personnel do you employ?
- o Do you have the personnel and resources necessary to perform this Agreement in house, or do you anticipate subcontracting some of the work? (If you expect to subcontract, in what area[s] do you expect to need third-party support, and why?)
- o Where will the portion of the work to be accomplished at the Contractor’s facilities be performed?

**3.4.4 SCHEDULE**

The Government will evaluate the vendors proposed schedule/timeline/sprints to include milestones, activities, and deliverables to research, evaluate, test, and deliver a prototype. The multifaceted concept exploration and design approach must demonstrate the vendor’s ability to provide the Government with an EDOT Phase I Application Development Prototype.

**Table 1 – EDOT Phase I Application Development Schedule**

Phase	Milestone	Deliverable	Estimated Delivery (Weeks/Months after Award)
<i>[Insert Phase]</i>	<i>[Insert list of Milestones]</i>	<i>[Insert list of deliverables associated with each milestone (as a minimum the proposed proof of concept and a “Final Report” must be included as deliverables)]</i>	<i>[Insert estimated lead time in terms of weeks or months after award for each milestone/deliverable]</i>

**3.4.5 PRICE**

The vendor shall submit pricing data utilizing the Government’s supplied Rough Order of Magnitude (ROM) Template (i.e., Table 2). Failure to include the information described within this section may result in the vendor entire Price/Cost criteria/factor being deemed non-compliant and inadequate for further evaluation review.

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. The Government provided ROM (i.e., Table 2) shall be included as an addendum or appendix to the White Paper and will not count toward the page limit. The vendor is responsible for verifying that the totals within Table 2 are correctly calculated.

The vendor ROM narrative shall discuss the approach used to estimate the price of accomplishing all requirements. The Vendor shall assume the Government knows nothing about its capabilities or estimating approach.

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At a minimum, the ROM narrative shall also include the following cost categories for the ROM:

- **Prime Vendor Labor:** 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).
- **Sub-Vendor/Consultant Labor:** Provide a list of sub-vendor/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).
- **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;
- **ODCs/Travel:** Provide a list of the other direct costs required to meet the technical approach as described in the White Paper and the estimated costs with basis; Identify any expenses incurred by an employee while those individuals are traveling for business purposes. (e.g., estimated costs for lodging, transportation, and meals) and identify the basis for how the travel costs were calculated.

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**Table 2 – EDOT Phase I ROM Template**

<b>Elements</b>	<b>FY2020(June)</b>	<b>FY2021</b>	<b>FY2022</b>	<b>Grand Total</b>
<b>Program/Project Management</b>				
Prime Vendor Labor	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020-2022]</i>
Sub – Vendor/Consultant Labor	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020-2022]</i>
Material/Equipment	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020-2022]</i>
Other Direct Costs (ODCs)/Travel	<i>[Insert Total Cost for ODCs for Fiscal Year 2020]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2021]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2022]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2020-2022]</i>
SUBTOTAL	<i>[Insert Total Cost for Program/Project Management for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Program/Project Management for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Program/Project Management for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Program/Project Management for Fiscal Year 2020-2022]</i>
<b>Creation of Documentation and Processes</b>				
Prime Vendor Labor	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020-2022]</i>
Sub – Vendor/Consultant Labor	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020-2022]</i>

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Material/Equipment	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020-2022]</i>
Other Direct Costs (ODCs)/Travel	<i>[Insert Total Cost for ODCs for Fiscal Year 2020]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2021]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2022]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2020-2022]</i>
SUBTOTAL	<i>[Insert Total Cost for Concept Exploration for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Concept Exploration for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Concept Exploration for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Concept Exploration for Fiscal Year 2020-2022]</i>
<b>Prototype Development</b>				
Prime Vendor Labor	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020-2022]</i>
Sub – Vendor/Consultant Labor	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020-2022]</i>
Material/Equipment	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020-2022]</i>
Other Direct Costs (ODCs)/Travel	<i>[Insert Total Cost for ODCs for Fiscal Year 2020]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2021]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2022]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2020-2022]</i>
SUBTOTAL	<i>[Insert Total Cost for Design Prototype for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Design Prototype for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Design Prototype for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Design Prototype for Fiscal Year 2020-2022]</i>
<b>Test and Evaluation (T&amp;E)</b>				
Prime Vendor Labor	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020-2022]</i>

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Sub – Vendor/Consultant Labor	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020-2022]</i>
Material/Equipment	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020-2022]</i>
Other Direct Costs (ODCs)/Travel	<i>[Insert Total Cost for ODCs for Fiscal Year 2020]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2021]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2022]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2020-2022]</i>
SUBTOTAL	<i>[Insert Total Cost for T&amp;E for Fiscal Year 2020]</i>	<i>[Insert Total Cost for T&amp;E for Fiscal Year 2021]</i>	<i>[Insert Total Cost for T&amp;E for Fiscal Year 2022]</i>	<i>[Insert Total Cost for T&amp;E for Fiscal Year 2020-2022]</i>
<b>Total ROM Costs</b>				
Prime Vendor Labor	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Prime Labor for Fiscal Year 2020-2022]</i>
Sub – Vendor/Consultant Labor	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Sub-Vendor/Consultant Labor for Fiscal Year 2020-2022]</i>
Material/Equipment	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2021]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2022]</i>	<i>[Insert Total Cost for Material/Equipment for Fiscal Year 2020-2022]</i>
Other Direct Costs (ODCs)/Travel	<i>[Insert Total Cost for ODCs for Fiscal Year 2020]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2021]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2022]</i>	<i>[Insert Total Cost for ODCs for Fiscal Year 2020-2022]</i>
TOTAL	<i>[Insert Total Cost of All Elements for Fiscal Year 2020]</i>	<i>[Insert Total Cost of All Elements for Fiscal Year 2021]</i>	<i>[Insert Total Cost of All Elements for Fiscal Year 2022]</i>	<i>[Insert Total Cost of All Elements for Fiscal Year 2020-2022]</i>

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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. However, vendors will be required to supply the supporting data upon the Request for Project Proposal, if selected.

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**3.4.6 DATA RIGHTS ASSERTION**

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.

**Table 3 – Data Rights Assertion**

<b>Technical Data/Computers Software/ Patent to be Furnished with Restrictions</b>	<b>Basis for Assertion</b>	<b>Asserted Rights Category</b>	<b>Name of Entity Asserting Restrictions</b>
<i>[Identify the technical data/software/patent to be furnished with restriction]</i>	<i>[Indicate whether development was exclusively or partially at private expense. If development was not at private expense, enter the specific reason for asserting that the Government’s right should be restricted]</i>	<i>[Insert asserted rights category (e.g., limited rights (data), restricted rights (software), government purpose rights, SBIR data rights or specifically negotiated license)]</i>	<i>[Insert asserted rights category (e.g., limited rights (data), restricted rights (software), government purpose rights, SBIR data rights or specifically negotiated license)]</i>

**3.4.7 PARTICIPANTS**

List all participants (i.e. other vendors), including description of contributions and significance of each participant.

**Table 4 – Participants**

<b>Participant</b>	<b>Business Status (Check one)</b>	<b>Participant Contribution and Significance to Overall Project</b>
<i>[Insert separate row(s) for each additional participant. Delete row(s) as applicable if Participant is the only participant.]</i>	<input type="checkbox"/> Traditional <input type="checkbox"/> Non-Traditional	<i>[Insert detailed, quantifiable description which addresses the following:</i> <ul style="list-style-type: none"> <li>• <i>What is this Participant’s significant contribution?</i></li> <li>• <i>Why is this Participant’s contribution significant to the overall project?</i></li> <li>• <i>How is this Participant uniquely qualified to provide this significant contribution? (Note: number of years of experience is not deemed a unique qualification.)]</i></li> </ul>

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The facility(ies) where the proposed work is to be performed and the equipment or other Participant property which will be utilized for the prototype include: *[Insert a brief description of facility(ies)/equipment proposed for use on the project]*.

## **SECTION 4 AWARD**

### **4.1 SELECTION DECISION**

It is the Government's intention to negotiate, select, and fund a Prototype Project at the conclusion of the three-phased evaluation approach, described in Sub-Section 2.3.1 Submitter Statement, which best meets the evaluation criteria listed in Sub-Section 3.4 Evaluation Criteria.

The Government will make a determination whether to:

- Select the White Paper(s), or some portion of the White Paper(s);
- Retain the White Paper(s) in a library for potential future requirements for three (3) years; or,
- 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 may proceed to the next phase of the evaluation. At any time during evaluations, the Government may choose to cancel this requirement. In case of cancellation, the Government will not be responsible for any expenses associated with responding to RWP.

### **4.2 FOLLOW ON PRODUCTION CONTRACT**

The Government intends to award one (1) prototype in this OTA. Prior to awarding a prototype OTA, the Government will ensure that it is in compliance with 10 U.S. Code §2371b(d)(1). The Government will obtain approval from the appropriate approval authority, based on the dollar threshold projected for the prototype OTA. This will be done prior to entering into prototype OT with a selected vendor.

Provided that the prototype OTA is successfully completed, the Government may award a follow-on production FAR-based contract or OTA to the participant in the transaction for the prototype project, without further competition. Prior to this, the Government will ensure that it is in compliance with 10 U.S. Code §2371b(f). In addition, the Government will again obtain approval from the appropriate approval authority, based on the dollar threshold projected for the production FAR-based contract or production OTA.

## **SECTION 5 ADDITIONAL INFORMATION**

### **5.1 DOCUMENTATION CLASSIFICATION**

Vendors shall not submit any documentation that is classified as “Confidential,” “Secret,” or “Top Secret” throughout the evaluation process. This includes, but is not limited to submission of White Papers, Project Proposals, Project Work Statements, etc.

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## **5.2 DISCLOSURE OF INFORMATION**

White Papers, Project Proposals, PWS, 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]*.”

Non-Government personnel will be used in the evaluation of the White Papers. The non-Government advisor may have access to all aspects of the offeror's White Paper. By submitting White Paper, your company agrees with the use of a non-government advisor employed with the following company:

Advisor Name: Rusty Toppings  
Company: Disruptive Technology Associates, Ltd.

### **5.2.1 DATA SHEET MARKINGS**

Marking requirements specify that data be “conspicuously and legibly” marked with a protective legend that identifies the OTA number, contractor's name and address, and the submittal date, along with the warning “*Use or disclosure of data contained on this sheet is subject to restriction*” on the title page of any restricted data sheets.

## **5.3 ANALYTICAL AND LABORATORY STUDIES**

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. The Government is requesting information on any current or ongoing analytical or laboratory studies related to EDOT Prototype functionality. Any information related to ongoing efforts shall be included as an attachment to the White Paper and will not count toward the page limit.

## **5.4 RECORDS, FILES, AND DOCUMENTATION**

All physical records, files, documents, and work papers, provided and/or generated by the Government and/or generated for the Government in performance of this OTA, maintained by the vendor which are to be transferred or released to the Government, shall become and remain Government property and shall be maintained and disposed of as applicable. Nothing in this section alters the rights of the Government or the vendor with respect to patents, data rights, copyrights, or any other intellectual property or proprietary information as set forth in any other part of this RWP (including all clauses that are or shall be included or incorporated by reference into the prototype

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OTA). The AO may at any time issue a hold notification in writing to the vendor. At such time, the vendor may not dispose of any Government data or Government-related data described in the hold notification until such time as the vendor is notified in writing by the AO, and shall preserve all such data IAW Agency instructions. The vendor shall provide the AO within ten (10) business days of receipt of any requests from a third party for Government-related data.

## **5.5 SECURITY CLEARANCES**

The vendor is responsible for providing personnel with appropriate security clearances to ensure compliance with Government security regulations. The vendor shall fully cooperate on all security checks and investigations by furnishing requested information to verify the vendor employee's eligibility for any required clearance.

The vendors proposed solution (e.g., data, integration with supporting DoD Infrastructure, architecture) will determine the personnel security clearance requirements for the prototype effort. The Government will provide additional details regarding the required security clearances in the RFPP.

## **5.6 DATA STORAGE**

To protect against seizure and improper use by non-United States (U.S.) persons and government entities, all data stored and processed by/for the DoD must reside in a facility under the exclusive legal jurisdiction of the U.S. The vendor will be required to maintain all government data that is not physically located on DoD premises<sup>1</sup> within the 50 States, the District of Columbia, and outlying areas of the U.S., unless otherwise authorized by the responsible Government, as described in DoDI 8510.01<sup>2</sup> and the DoD Cloud Computing Security Requirements Guide<sup>3</sup>.

If the Government data is co-located with the non-Government data, the vendor shall isolate the Government data into an environment where it may be reviewed, scanned, or forensically evaluated in a secure space with access limited to authorized Government personnel identified by the Agreements Officer, and without the vendor's involvement. The vendor shall record all physical access to the cloud storage facilities and all logical access to the Government data. This may include the entrant's name, role, purpose, account identification, entry and exit time. Such records shall be provided to the Agreements Officer or designee in accordance with the agreement or upon request to comply with federal authorities.

## **5.7 LAW ENFORCEMENT**

The vendor shall acknowledge and affirm that United States (U.S.) Federal law enforcement officials do not need a warrant or a subpoena to access Government data on any system or media employed by the vendor or their sub-vendors or other partners, or allies, to deliver or otherwise support the

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<sup>1</sup> A facility (building/container) or IT infrastructure is On-Premises if it is physically on DoD owned or controlled property. That is, it is within the protected perimeter (walls or "fence line") of a DoD installation (i.e., Base, Camp, Post, or Station (B/C/P/S) or leased commercial space) which is under the direct control of DoD personnel and DoD security policies.

<sup>2</sup> [https://www.esd.whs.mil/Portals/54/Documents/DD/issuances/dodi/851001\\_2014.pdf](https://www.esd.whs.mil/Portals/54/Documents/DD/issuances/dodi/851001_2014.pdf)

<sup>3</sup> [https://iasecontent.disa.mil/cloud/Downloads/Cloud\\_Computing\\_SRG\\_v1r3.pdf](https://iasecontent.disa.mil/cloud/Downloads/Cloud_Computing_SRG_v1r3.pdf)

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contracted service for the U.S. Government, subject to requirements for access to classified information and release thereof, if applicable. As specified by the Agreements Officer, the vendor shall provide immediate access to all Government data and Government-related data impacting Government data for review, scan, or conduct of a forensic evaluation and physical access to any contractor facility with Government data.

### **5.8 NOTIFICATION**

The vendor shall notify the Government Security Contacts ([disa.meade.bd.mbx.sd-security-managers@mail.mil](mailto:disa.meade.bd.mbx.sd-security-managers@mail.mil)), and the AO within 60 minutes of any warrants, seizures, or subpoenas it receives, including those from another Federal Agency that could result in the loss or unauthorized disclosure of any Government data. The vendor shall cooperate with the Government to take all measures to protect Government data from any loss or unauthorized disclosure that might reasonably result from the execution of any such warrant, seizure, subpoena, or similar legal process.

### **5.9 VENDOR INCURRED EVALUATION COSTS**

The costs associated with participating in Evaluation Approach Phases I through III, to include White Paper(s) preparation and submission, are not considered allowable charges and should not be included within the ROM or any pricing information.

### **5.10 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).

## **SECTION 6 RESPONSES**

Questions should be addressed to [disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil](mailto:disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil), Agreements Officer Ms. Yolanda Dixon, [yolanda.r.dixon2.civ@mail.mil](mailto:yolanda.r.dixon2.civ@mail.mil) and Agreements Specialist Craig Carlton, [craig.j.carlton.civ@mail.mil](mailto:craig.j.carlton.civ@mail.mil). Please provide any questions, in writing, no later than Monday, May 11, 2020 at 9:00am Central Standard Time (CST). The Government reserves the right to not answer questions submitted after this time. Any submissions that received after the close of the solicitation period will receive no further consideration.

The response shall be due no later than 9:00am CST on Monday, May 25, 2020. The responses shall be emailed to [disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil](mailto:disa.scott.ditco.mbx.pl84-other-transaction-authority@mail.mil), [yolanda.r.dixon2.civ@mail.mil](mailto:yolanda.r.dixon2.civ@mail.mil), and [craig.j.carlton.civ@mail.mil](mailto:craig.j.carlton.civ@mail.mil).