

Question #	Source Document	Paragraph	Question	Answer
1	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF		There is significant information being requested withing the Technical Volume that applies to the page count. We respectfully request that the Government extend the page count for the Technical volume to 20 pages to permit the submission of a comprehensive response.	The Government has determined that 12 pages are sufficient to meet the requirement.
2	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	2. Summary and Background, p. 8.	If applicable, would the Government consider providing a list of the specific existing COTS cross-domain capabilities that they wish to see improved to include hardware and software components.	The Government will not provide a list of current CDS models/providers.
3	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	3.5	Is it the Government's intent that both Government employees and Government contracted advisors will execute NDAs?	Yes- All Government participants and advisors in the evaluation process are required to sign non-disclosure agreements (NDAs). No Contractor employees will be participating in the evaluation process.
4	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	4.1	If the Government is considering enhancements to existing COTS products, would the Government consider providing the GFI associated with the specific products the Government is interested in as part of the final RFS?	The Government does not have specific existing COTS products as a requirement, just considering enhancement to various existing approved COTS CDS products generally.
5	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	4.3, p. 2	Section 4.3 states that the "Government will provide the vendor with Security Classification Guides related to the technology developed under the FXD technology prototype effort..." At this stage, does the Government have a Security Classification Guide (SCG) for this RFS or is the intent to provide this document for proposal development prior to award?	SCG's will be provided post award to the selected performer for use during prototype execution
6	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.1, table, Technical	In the Table (column 5) in Section 5.1, Technical Volume, there is a formatting error in the last column that encompasses the 12-page limit to include the Sub Vendor List, the Government Desired Rights in Tech Data and Computer Software, and the IMS. Would the Government consider correcting this issue?	These are not included in the page count as noted in the column "Counted Towards Page Limit - Yes/NO" as well as the Note under the table. In additional, please note the "" referenced below the table, which further excludes topics not included in the page count limit.
7	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.2.1	Would the Government please consider including the NAICS code for this effort to 541715 - RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT NANOTECHNOLOGY AND BIOTECHNOLOGY) as it more appropriately reflects the specific type of engineering work to be performed to deliver a prototype and expands the pool of small businesses that may participate; providing a greater selection of solutions to the Government.	The NAICS code for this effort is 541330 Engineering Services
8	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.3.5	<p>Section 5.3.5, Technical Approach, states: "The FXD technology effort will be managed and supervised by NAWCAD CWD government personnel. The FXD technology project management team will be comprised of the NAWCAD CWD government representatives and a FXD Project Lead (PL) who will also serve as the Agreements Officer's Representative (AOR). The PL will be supported by other Government and contract personnel. It is expected that the vendor, the Government, and other key stakeholders will collaborate within an Integrated Product Team (IPT) structure to accomplish the objectives identified in this effort. IPT meetings and Technical Interchange Meetings (TIMs) will be conducted as required. It is anticipated that the selected vendor(s) will begin to deliver FXD technology prototypes in spirals of evolution as early as six months after award, and thereafter throughout the entire 60-month period of performance."</p> <p>If applicable for this RFS, will the Government provide a list of who the "other key stakeholders" are in this context?</p>	This "other key stakeholders" information will not be available for solution preparation purposes.

9	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.3.6, Government Rights in Technical Data and Computer Software, para 5	<p>Section 5.3.6, para 5 states: "All software licensing shall include a minimum term of five years of use. All software shall be provided with any available major upgrades, minor updates, security patches and technical support for the entire period of performance. When the addition of new software or hardware is proposed for the system or developed under this solicitation with Government funding or partial Government funding, the vendor shall ensure that sufficient rights in technical data (software and hardware) are procured to enable the Government to maintain and modify the system using Government personnel and/or third-party vendors."</p> <p>For 3rd party hardware/software that will transition to the Government, what SLA sustainment requirements would be required at the end of the period of performance that need to be included in the RFS or will this be negotiated at a later date? If for this RFS, could the Government provide clarity on the SLA requirements?</p>	Please note the requirement minimum terms associated with all software licensing.
10	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.3.7	This paragraph states that the IMS is to be provided in PDF format. The table on page six (6) indicates that it is to be provided in MS Project / PDF format. Would the government please clarify what format they would prefer for submission?	Updated in the Final RFS to state "An IMS shall be provided in both MS Project and PDF format"
11	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.3.7, 5.4.1	Does the Government have a preferred format for the BOE? If so, will the Government please provide this template?	The Government does not have a preferred format, contractor format is acceptable.
12	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	5.3.7, 5.1	Section 5.3.7 states that the IMS can be attached as an appendix file. Will the Government please add the direction that the IMS may be attached as an appendix file to the table in Section 5.1?	The Government will NOT add directions that the IMS may be attached as an appendix file to the table in 5.1. One of the many benefits in using the OT approach allows tremendous flexibility in the acquisition approach. The Government supports the IMS as an
13	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	9. Follow-On Activities	Does the Government have specified domains in the multi domain that they are looking for? If so, can the Government provide this list?	Classification domains. Example, Unclass to Secret, Secret to Top Secret. The Government is unable to provide a specific list at this time.
14	DRAFT-RFS-NAVAIR-CWD-FXD-13-DEC-2021.PDF	9. Follow-On Activities, p. 2	<p>"Pursuant to 10 U.S.C. 2371b(f), if competitively procedures were used for the selection of parties for participation in the transaction for a prototype pilot and the participants in the transaction successfully completed the prototype project, production OTs are authorized and offer a streamlined method for transitioning into Follow-On production without competition."</p> <p>Did the Government intend for the statement to read "competitive procedures"?</p>	The Government has issued the RFS dated 12 Jan 2022 correcting this language. This questions may be overcome by events, the release of the RFS.

15	Attachment-04-Data-Rights-License-Terms-Definitions.PDF	If Limited Rights	<p>This section states: "Limited rights means the rights to use, modify, reproduce, release, perform, display, or disclose technical data, in whole or in part, within the Government. The Government may not, without the written permission of the party asserting limited rights, release or disclose the technical data outside the Government, use the technical data for manufacture, or authorize the technical data to be used by another party, except that the Government may reproduce, release, or disclose such data or authorize the use or reproduction of the data by persons outside the Government if—</p> <p>(i)The reproduction, release, disclosure, or use is— (A)Necessary for emergency repair and overhaul; or (B)A release or disclosure to— (1)A covered Government support contractor in performance of its covered Government support contract for use, modification, reproduction, performance, display, or release or disclosure to a person authorized to receive limited rights technical data; or (2)A foreign Government, of technical data other than detailed manufacturing or process data, when use of such data by the foreign Government is in the interest of the Government and is required for evaluation or informational purposes; (ii)The recipient of the technical data is subject to a prohibition on the further reproduction, release, disclosure, or use of the technical data; and (iii)The contractor or subcontractor asserting the restriction is notified of such reproduction, release, disclosure, or use."</p> <p>Does this statement mean that the Government will only release data/Intellectual Property with limited rights data to a Government personnel and associated SETA contractors (with appropriate NDAs)?</p>	Correct
16	Attachment-04-Data-Rights-License-Terms-Definitions.PDF	If Limited Rights, (i), (A)	<p>This section states: "(A)Necessary for emergency repair and overhaul..."</p> <p>Would the Government explain what would constitute an emergency that would warrant the release of limited data rights/Intellectual Property to a third party, bypassing the IP holder?</p>	<p>When reviewing Attachment 4, Data Rights License Terms and Definitions document, please reference the top of page 2, which outlines "(i)The reproduction, release, disclosure, or use is— (A)Necessary for emergency repair andoverhaul; or (B) A release or disclosure to—(1)A covered Government supportcontractor in performance of itscovered Government supportcontract for use, modification, reproduction, performance, display, or release or disclosure to a personauthorized to receive limited rightstechnical data; or (2)A foreign Government, oftechnical data other than detailedmanufacturing or process data,when use of such data by theforeign Government is in theinterest of the Government and isrequired for evaluation or informational purposes; (ii)The recipient of the technical data is subjectto a prohibition on the further reproduction,release, disclosure, or use of the technical data;and (iii)The contractor or subcontractor asserting therestriction is notified of such reproduction,release, disclosure, or use.</p>
17	Attachment-04-Data-Rights-License-Terms-Definitions.PDF	If Limited Rights, (i), (B)	<p>This section states: "(B)A release or disclosure to— (1)A covered Government support contractor in performance of its covered Government support contract for use, modification, reproduction, performance, display, or release or disclosure to a person authorized to receive limited rights technical data; or (2)A foreign Government, of technical data other than detailed manufacturing or process data, when use of such data by the foreign Government is in the interest of the Government and is required for evaluation or informational purposes;"</p> <p>We are concerned about the Government providing data access to 3rd parties of intellectual property concerns.</p>	<p>Please reference the following sections that provide restrictions on the use of technical data "(ii) The recipient of the technical data is subjectto a prohibition on the further reproduction,release, disclosure, or use of the technical data;and (iii)The contractor or subcontractor asserting therestriction is notified of such reproduction,release, disclosure, or use."</p>

18	Attachment-05-Terms-and-Conditions-and-EULA.PDF	2	There is a reference in this paragraph to three (3) years. This appears to conflict with the two (2) year period documented in section 1. Would the Government please clarify.	The referenced section 1 relates to the Government having the rights to require delivery of technical data or computer software item identified in this agreement as "deferred delivery" anytime throughout the performance of the agreement of within two (2) years after acceptance of all items. The second paragraph is different as it relates to the ordering of any technical data or computer software generated in the performance of this agreement, order any technical data or computer software generated in the performance of this agreement or any sub- contractor hereunder.
19	Attachment 6, Vendor Self Vetting for Contractors	All	Please clarify if Attachment 6 goes into the Administrative Volume.	Attachment 6 should be submitted as an attachment to solution submission
20	Attachment 7, Section 889, Telecommunications and Representation.	All	Section 8.4 states that: "By submitting a response, respondents shall certify whether covered telecommunications equipment or services will or will not be included as a part of its offered products or services to the Government in the performance of this effort. RFS Attachment 7 includes additional detail regarding the representation which must be signed and returned with any submissions." Please indicate where in the proposal submission this attachment should be provided.	Attachment 7 should be submitted as an attachment to solution submission
21	RFS-CWP-FXD-12-Jan-2022-Final	5.3.5 Para 1	This is a broad aggregation of systems and ancillary components; when should we anticipate a more narrow set of impacted systems/technologies?	The Government anticipates identifying a more narrow set of impacted systems/technologies during SOW collaborations and negotiations.
22	RFS-CWP-FXD-12-Jan-2022-Final	5.3.5 Para 3	What/how is alignment with NCDSMO RTB version 3.0 and emerging 4.0 requirements being applied to the RFS?	Will not be applied to the RFS explicitly. Vendor is to ensure current requirements are incorporated into prototype developed under this agreement.
23	RFS-CWP-FXD-12-Jan-2022-Final	5.3.5 Para 3 a.	Should we anticipate a high-level identification of shortcomings for MLS and real-time bi-directional C2 communicators?	No, a high-level identification of shortcomings for MLS and real-time bi-directional C2 communicators should not be anticipated at this stage.
24	RFS-CWP-FXD-12-Jan-2022-Final	5.3.5 Para 3 a.	Do various security domains extend into High Threat networks as defined by the NCDSMO RTB 3.0 and emerging 4.0 requirements?	That is possible. The solution sought should be appropriate for use amongst variety of situations and security levels.
25	RFS-CWP-FXD-12-Jan-2022-Final	5.3.5 Para 3 b.	When/should we anticipate a listing of static/streaming encompassing data types to stimulate design? Will the listing be provided prior to proposal response?	The government will not be providing a concrete list of data types, but expects to find solutions which provide maximum flexibility for common and uncommon file types alike.
26	RFS-CWP-FXD-12-Jan-2022-Final	5.3.5 Para 3 b.	In the draft Q&A, it is stated that Pre-approved CDS is the only criteria. Going forward, does the RFS anticipate responses outside of working through the NSA's NCDSMO RTB LBSA/SBSA processes or is the RFS stimulating synergies in the aforementioned processes and Navy program offices?	Unsure the intent of the question. CDS must meet NCDSMO requirements.
27	Attachment-05-Terms-and-Conditions-and-EULA-1.PDF	Number 3	In order to enable proposers to evaluate risk, would the Government please explain what, if any, penalties would be applied in the event that a vendor cannot redeliver artifacts during the three (3) year period after project completion. (It is understood that delivery will be made at project completion.)	Unfortunately, this is a hypothetical question that cannot be answered as the conditions impacting the inability to redeliver the artifacts as identified in Attachment 5 are unavailable. It would be expected that the terms and conditions of the agreement are met.
28	RFS-CWP-FXD-12-Jan-2022	7.3; 7.6.1	RFS 7.3 states "the entire 60-month Period of Performance (PoP) has an anticipated maximum ceiling budget of \$57,000,000. The Government anticipates up to \$3,000,000 are available for the first year of the prototype with additional funding available based on availability of funds." RFS 7.6.1 states, "The Government anticipates awarding one or more OT prototype project(s), through TRex, to the vendor or vendors that propose(s) a solution that best satisfies the Government's objectives." Shall offerors assume that the USD \$3M contemplated for the first year of the prototype and the USD \$57 M contemplated for the 60 month PoP will cover each individual awarded project, or will these anticipated budget allocations cover multiple projects?	Government foresees up to \$57M across all activities that would be awarded under this RFS.

29	RFS-CWP-FXD-12-Jan-2022	5.3.5; 9	RFS 5.3.5 states "The vendor's proposed technical solution shall describe its approach to providing the solution based on the technical objectives identified below: c. Vendors shall also include their capability to handle simultaneous development and production efforts for multiple CWP scenarios, involving multiple platforms, missions, and locations. A detailed manufacturing and facility capabilities approach to demonstrate the required capabilities to manage and produce the Sustainment and Follow-On Activities described in Section 9." RFS 9 states "Upon successful completion of the prototype(s), NAWCAD CWD anticipates deploying the solution across multiple domains which, along with the actual installation, may require some level of life cycle maintenance to sustain prototype capabilities." For pricing purposes, will the Government provide detailed information concerning the specific domains that NAWCAD CWD anticipates deploying the solution across, or may offerors make price assumptions that make the final contracted price contingent upon the the final multiple domains that the solutions we'll be deployed at, as selected by the Government at a later date?	Final agreement price contingent upon the domains chosen will be acceptable. Initial use case is Unclass to higher classification. Exact higher classification unknown at this time.
30	RFS-CWP-FXD-12-Jan-2022-Final.pdf	5.3.5.a	Will a Prototype deployed instance be required (bounded) to only move between two different security domains or will a deployed instance be required to handle two or more security domains simultaneously?	Long term, may be required to handle two or more, but initially, the government anticipates receiving proposals for solution sets that support only one domain.
31	RFS-CWP-FXD-12-Jan-2022-Final.pdf	5.3.5.b	What are the smallest file sizes and largest file sizes anticipated to be moved across security domains?	Unknown. Maximum flexibility is preferred.
32	RFS-CWP-FXD-12-Jan-2022-Final.pdf	5.3.5.b	What is the average and maximum sustained bandwidth(s) that the COTS based Prototype needs to provide across the security domains?	Unknown. Maximum flexibility is preferred.
33	RFS-CWP-FXD-12-Jan-2022-Final.pdf	5.3.5.c	What specific and/or special unique government auditing functions or other cybersecurity related functions must the COTS Prototype provide to support operational readiness and associated risk assessments?	Not known at this time.
34	RFS-CWP-FXD-12-Jan-2022-Final.pdf	1	Could the Government specify their objectives for the Cross-Domain Solution. For the overall scope of this project, does NAWCAD CWD require a only a prototype model or a fully functioning digital twin?	Initially, the Government requires a prototype model, incorporating the use of an approved CDS, regardless of whether that approved CDS is hardware- or software-based.
35	RFS-CWP-FXD-12-Jan-2022-Final.pdf	5.2.5.c	Section 5.3.5.c of the RFS states "The approach will outline..... hardware (HW) / software (SW) requirements.... We understand that HW/SW requirements are dependent upon the offeror's solution. Could the Government elaborate on any specific Hardware / Software requirements required for the desired prototype?"	Real time / near real-time support required. Solutions that support Size, Weight and Power (SWAP) constrained environments are preferred.
36	RFS-CWP-FXD-12-Jan-2022	Section 2, page 3, 2nd paragraph	Section 2 of the RFS indicates: "This initial OTA RFS prototype project will focus on the FXD technology, NAWCAD CWD seeks to develop, demonstrate, and assess innovative enhancements to existing commercial off-the-shelf (COTS) cross-domain capabilities that will improve the cyber resiliency of Naval Aviation, US Navy (USN), and Department of Defense (DOD) weapon systems..." ?- Is there a preference that such enhancements be hardware or are software/data processing enhancements of interest to NAWCAD CWD?	No preference between hardware or software enhancements. The Government is seeking innovative solutions.
37	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	Is there any preference for Solution hosting environment? E.g. AWS Gov Cloud, C2S, On-Premise / Baremetal?	On-premise is a requirement. Solution should be capable of being used in network-airgapped environments such as onboard air platforms or between high security domains in on-premise datacenters.
38	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	What are some example data types?	Examples include but are not limited to: PNG, JPG, DOC, DOCX, PPT, PPTX, VSD, H.264, H.265, XLS
39	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	What is an estimated data velocity for each data source?	Unknown. Maximum flexibility is preferred.
40	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	What is the estimated data volume in aggregate per day or unit time?	Unknown. Maximum flexibility is preferred.
41	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	What is the desired data retention duration?	Unknown. Maximum flexibility is preferred.

42	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	What is the desired data availability latency from data ingest to data available for consumers?	Real-time / near real-time support required
43	RFS-CWP-FXD-12-Jan-2022	Section 5.3.5.b page 8	Is RMF / ATO required for the solution?	Not for the initial solution, but would be required before the prototype can be fully demonstrated within the target DoD environments in later phases
44	RFS-CWP-FXD-12-Jan-2022		What are the source programming languages (e.g., C/C++/Java/etc.) and message brokers (e.g., ActiveMQ) utilized by the intended applications for the CWD FXD ecosystem?	Government will not specify programming languages utilized. Maximum flexibility is encouraged on submissions.
45	RFS-CWP-FXD-12-Jan-2022		Can you provide a list of current CDS models/providers for compatibility?	Government will not provide a list of current CDS models/providers.
46	RFS-CWP-FXD-12-Jan-2022		What CDS are currently in use for FMV and are you focused on metadata control, frame content, or both?	1) The government sponsor of this RFS is not currently employing a Cross-Domain solution, but rather seeking improvements to the ways in which CDS are employed as described in the RFS. 2) Both
47	RFS-CWP-FXD-12-Jan-2022		Is the \$57M funding for all phases targeted at FXD or allocated across all CWD objectives?	The \$57M is specific to the FXD effort.