

APPENDIX I

MANDATORY ENHANCED WHITE PAPER TEMPLATE

(Max 16 pages including cover page.

Statement of Work and Data Rights Enclosures are excluded from page count.)

[Name of Offeror]
[Address of Offeror]

DUNS #: [DUNS #]
CAGE code: [CAGE code]

[Title of Enhanced White Paper]

[Specific Requirement addressed in Enhanced White Paper]

[Offeror] certifies that, if selected for award, the Offeror will abide by the terms and conditions of the MCDC Base Agreement.

[Offeror] certifies that this Enhanced White Paper is valid for 3 years from the close of the applicable RPP, unless otherwise stated.

[A proprietary data disclosure statement if proprietary data is included. Sample:

This Enhanced White Paper includes data that shall not be disclosed outside the MCDC Management Firm and the Government and shall not be duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate this Enhanced White Paper and negotiate any subsequent award. If, however, an agreement is awarded as a result of, or in connection with, the submission of this data, the MCDC Management Firm and the Government shall have the right to duplicate, use, or disclose these data to the extent provided in the resulting agreement. This restriction does not limit the MCDC Management Firm and the Government's right to use the information contained in these data if they are obtained from another source without restriction. The data subject to this restriction is (clearly identify) and contained on pages (insert page numbers).]

[Title of Enhanced White Paper]

SECTION 1: TECHNICAL

Section 1.1: Prototype Project

- Provide the background and the Offeror's understanding of the problem and/or technology gap/process deficiency.
- Identify the prototype that is being developed that is directly relevant to enhancing the mission effectiveness of military personnel and the supporting platforms, systems, components, or materials proposed to be acquired or developed by the Department of Defense, or to improvement of platforms, systems, components, or materials in use by the armed forces.
 - Prototype Definition: A physical or virtual model that will be used to evaluate the technical or manufacturing feasibility or military utility of a particular technology or process, concept, end item, or system. The quantity developed should be limited to that needed to prove technical or manufacturing feasibility or evaluate military utility. See the Prototype Memo located on the Members only portion of the MCDC website for further information.
- Identify what the resulting prototype deliverable(s) (hardware, software, virtual model, reports other documentation) will be and the quantity associated with each prototype deliverable.

Section 1.2: Requirement

- Define the scope of the effort, including the proposed technology and a summary of the technical/process issues being addressed.
- Explain if the effort is a complete solution to the requirement, or some portion thereof.

Section 1.3: Technical Approach

- Describe the core of the intended approach. Provide technical detail and analysis to support the approach being proposed. This includes identifying what technical baseline from which your initiative will begin (including work you have already done).
- Provide Initiative Objectives to include the following:
 - Vision of what will be achieved.
 - Technical solutions the effort will produce.
 - Any proposed new technologies or technical breakthroughs.
 - Any additional technical challenges that need to be addressed to achieve your technology objectives.
- If proposing a "new and creative" solution, develop and analyze the following:
 - Results of/evidence of the current state of the art and how your approach compares to other possible approaches.
 - Current limitations of the general technology area/process being addressed.
 - Connections to ongoing initiatives in the general technology area/process being addressed.

Section 1.4 Risk Identification and Mitigation

- Identify key technical, schedule, and cost risks. Discuss the potential impact of the risks, as well as potential mitigations.
- Explain any potential impacts that would limit an effective and efficient technology transition, to include company proprietary material, sole source items, and known industrial base limitations.
 - It is anticipated that anything delivered under this proposed effort would be delivered to the Government with Government Purpose Data Rights or Unlimited Data Rights. If this is not the intent, then you should discuss any restricted data rights associated with any proposed deliverables. The Data Rights Assertions table may be provided as an Enclosure to the Enhanced White Paper. This Enclosure will not count towards the Enhanced White Paper page limit.

Section 1.5: Test/Evaluation

- Explain how the prototype will be tested, demonstrated and/or evaluated for technical feasibility, manufacturing feasibility and/or military utility, including where and by whom that testing will take place.
- Pay close attention to whatever the key technology or enhancement is.

Section 1.6: Schedule

Section 1.6.1: Period of Performance

- The total proposed initiative duration is [insert proposed period of performance in months] months from award.

Section 1.6.2: Proposed Schedule

- Provide a schedule (e.g. Gantt chart in Microsoft Project ®) that clearly shows the plans to perform the program tasks in an orderly, timely manner. Provide each major task as a separate line.

Section 1.7: Regulatory Strategy

- The Offeror shall describe its regulatory strategy to achieve project objectives. The description shall address adherence to FDA quality requirements and/or any other certifications.

SECTION 2: ESTIMATE

Section 2.1: Estimate Summary

- The Offeror must provide an estimate based on the technical approach proposed in the Enhanced White Paper. The following chart (tailored as appropriate) shall be included in the Enhanced White Paper.

Year	Estimate	Cost Share Estimate (if applicable)	Total Estimate (w/ Cost Share)
Year 1	\$	\$	\$
Year 2 (if applicable)	\$	\$	\$

Year 3 (if applicable)	\$	\$	\$
TOTAL	\$	\$	\$

Section 2.2: Estimate Rationale

- The Offeror must provide a brief rationale describing how the estimate was calculated and is appropriate for the proposed scope or approach.

Section 2.3: Estimated Unit Costs

- Program solutions should provide best value and minimize total life cycle costs. Vendors shall also provide total unit cost based on potential future production (describe pricing/quantity). Also, identify the top ten cost drivers associated with this unit cost. These cost drivers should come from all appropriate cost areas such as Bill of Materials, Program Management and System Engineering, Vendor supplied material, assembly touch labor, etc. Costs should be fully loaded.

SECTION 3: OTHER TRANSACTION AUTHORITY

- In accordance with Section 2371b of Title 10, Amendments to Other Transaction Authority, of the National Defense Authorization Act (NDAA) for Fiscal Year 2018, each Prototype Project awarded under an OTA must meet at least one of the following conditions:
 - There is at least one nontraditional defense contractor or nonprofit research institution participating to a significant extent in the prototype project.
 - All significant participants in the transaction other than the Federal Government are small businesses (including small businesses participating in a program described under section 9 of the Small Business Act (15 U.S.C. 638)) or nontraditional defense contractors.
 - At least one third of the total cost of the prototype project is to be paid out of funds provided by sources other than the Federal Government.
- For the purposes of the Enhanced White Paper, the offeror must explain its approach on how the offeror intends to comply with this requirement. The signed Affirmation of Business Status Certification and Supplement are NOT required with the Enhanced White Paper submission, but will be required prior to award.

ENCLOSURE 1: STATEMENT OF WORK

- Provide a draft Statement of Work as a separate Word document to outline the proposed technical solution and demonstrate how the contractor proposes to meet the Government objectives. Submitted information is subject to change through negotiation if the Government selects the Enhanced White Paper for award. The format of the proposed Statement of Work shall be completed in accordance with the template provided in Exhibit 3. This submission will not count towards the Enhanced White Paper page limit.

ENCLOSURE 2: PROPRIETARY DATA/DATA RIGHTS ASSERTIONS

- Each proposal submitted by the Offeror in response to a RPP shall include a list of the data

to be used or developed under the proposal if selected (sample table below). Rights in such Data shall be as established under the terms of the Base Agreement, unless otherwise asserted in the RPP or proposal, and agreed to by the Government. Based upon Government direction, the CMF will incorporate the list of data and the identified rights in the award (Categories: Unlimited, Government Purpose Rights, Limited, Restricted).

Technical Data or Computer Software to be Furnished with Restrictions	Basis for Assertion	Asserted Rights Category	Name of Organization Asserting Restrictions	Deliverable # Affected