



## OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-3000

ACQUISITION  
AND SUSTAINMENT

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Call for Fiscal Year 2020 (FY20) OSD ManTech Projects

This is a call for proposals for the FY20 Defense-Wide Manufacturing Science & Technology (DMS&T) Manufacturing Technology (OSD ManTech) Program. The DMS&T program was established in 2008 to address needs beyond the risk of a single Service or agency and to complement other component ManTech programs. The program invests in cross-cutting defense manufacturing needs, those that are beyond the ability of a single Service to address, and works to stimulate the early development of manufacturing processes and enterprise business practices concurrent with S&T development to achieve the largest cost-effective impact. The OSD ManTech program advances specific manufacturing technologies that support multiple component services. The program works in collaboration with the Joint Defense Manufacturing Technology Panel (JDMTP) to identify and develop investment strategies.

Investments will be prioritized toward efforts that enhance efficient, affordable manufacturing for current and future defense systems. While not a prerequisite for submission, proposals should align with the following Focused Investment Areas (FIAs) which are based on Joint Technology Pursuit Areas (JTPAs) developed by JDMTP Subpanels and other input (not in priority order):

- a) Transparent Ceramic Material
- b) Advanced Energetic Materials and Systems Manufacturing Technology
- c) RF Sensors Thermal Management
- d) Fuze Manufacturing Technology
- e) Directed Energy Manufacturing Technology

Evaluation Criteria: Nominations will be evaluated against the following criteria:

- a) Alignment with Requirements
- b) Technology Benefits
- c) Cross Cutting Impact (effort affects multiple Services)
- d) Return on Investment and Cost Benefits
- e) Cost Benefit Basis of Estimate
- f) Transition Planning

Submit an FY20 proposal white paper and quad chart (enclosure 1) to the OSD ManTech program office no later than 23 April 2018. The OSD ManTech program office will conduct a

pre-screening of each nomination to ensure it meets the requirements of the OSD ManTech Program and conduct a down select for approval into Phase 2.

Selected Phase 1 proposal submitters will update their white papers based on any comments and complete the New Start Template (all charts) and resubmit to the OSD ManTech program office NLT 21 June 2018. The proposal should include letters of endorsement. Submitters will be invited to present their project nominations in-person to the evaluators to answer questions and provide clarification.

A tentative timeline of events for the FY20 OSD ManTech decision cycle is enclosed. The point of contact for this memorandum is Dr. Jason Jouet, [richard.j.jouet.civ@mail.mil](mailto:richard.j.jouet.civ@mail.mil), phone: 571-372-6238.



Tracy Frost  
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Director, DoD Manufacturing Innovation  
Institutes

**Attachments:**

- 1) FY20 OSD ManTech Focused Investment Areas (FIAs)
- 2) Tentative Timeline for the FY20 DMS&T ManTech Decision Cycle
- 3) FY20 OSD ManTech Selection Criteria
- 4) FY20 OSD ManTech proposal whitepaper and quad chart submission template
- 5) FY20 OSD ManTech proposal quad chart template