

PERFORMANCE WORK STATEMENT (PWS)
DMEA Strategic and Technical Policy Assessment
DMEA 18-8B7

1 November 2017

Project Engineer: Dan Sheddy, DMEA/MEAD, (916) 231-1553

1.0 TITLE: DMEA Strategic and Technical Policy Assessment (SATPA)

1.1 Background: The Defense Microelectronics Activity (DMEA) mission is to leverage advanced technologies to extend the life of defense systems, to solve operational problems (e.g., reliability and maintainability) and to address diminishing manufacturing sources. DMEA provides technical and application engineering support for the implementation of advanced microelectronics research technologies from design through assembly and installation. These advanced technologies are translated into solutions for military needs. DMEA manages an organic capability to support these strategically important technologies within the DOD. DMEA supports all Department of Defense (DOD) organizations as well as other federal agencies, state governments, United States industry and foreign entities.

DMEA provides technologically correct and economically viable solutions to microelectronics problems. DMEA's microelectronics engineering specialists, supported by complex analysis, design, test, and prototyping equipment, produce solutions that are technically correct, logistically supportable, schedule responsive, and fiscally affordable. The services provided by DMEA have been extended to other United States government departments and agencies and also to US allies overseas.

To accomplish its mission, DMEA must stay abreast of the science and technology trends that might affect the ability of the United States military to maintain advanced and evolving microelectronic systems. DMEA must maintain and revise, as necessary, a vision, an enterprise roadmap, and a long-term strategic plan and associated policy and processes to support improved understanding of, access to, and acquisition of, advanced science and technology. DMEA policy must consider its ability to gain support, buy-in, and ultimate acceptance of new and innovative approaches to science and technology investment, acquisition, and maintenance.

1.2 Objective: Work is to be accomplished under Strategic and Technical Analyses of Microelectronics Supply and Trust (STAMSaT) contract. Certification by the Government of satisfactory services provided is contingent on the contractor performing in accordance with the terms and conditions of the referenced contract, this PWS, the approved task proposal, any associated work orders, and all amendments. The DMEA project engineer will monitor the program via review of the monthly status reports and the final report.

2.0 REFERENCED DOCUMENTS: None.

3.0 REQUIREMENTS:

3.1 General Requirements:

3.1.1 Project Management: The contractor shall perform administrative, technical, and financial management and eCMRA reporting functions during the course this PWS and shall maintain status of their effort towards achieving the PWS objectives. The monthly report shall include (but not be limited to): cost accrued, progress to date (accomplishments), activities planned for next period, and concerns to be addressed. A001 (DI-MGMT-80368)

3.1.2 Technical Interchange Meetings: The contractor shall attend and co-chair with the Government Technical Interchange Meetings (TIMs) as required. The contractor shall record the minutes for each meeting. A002 (DI-ADMN-81250)

3.1.3 Travel: Travel may be required during the conduct of this PWS. Negotiated travel shall be approved upon task award. Additional travel shall be authorized only upon written approval of the PCO.

3.1.4 RESERVED

3.2 Requirements:

3.2.1 Policy Assessment and Recommendations: The contractor shall analyze government and industry policy as it affects the evolution of the science and technologies related to the capabilities of advanced electronics either used today, or contemplated for future use by U.S. and allied military forces and U.S. intelligence communities. The contractor shall analyze the effects of issues, policies, and programs such as recent microelectronics trends; the trusted supply chain; government and industry policy and investment trends; cyber security; global versus domestic supply chain issues; points of discussion and outputs from significant bodies developing policy for microelectronics, such as the Semiconductor Working Group of the President's Council of Advisors on Science and Technology (PCAST); efficacy of techniques for obtaining Trust that rely on areas beyond physical and personnel security; and other relevant issues. The contractor shall assess congressional budgetary adjustments and report implications from these on the science and technology that underlies advanced systems used by the DOD. The contractor shall make recommendations regarding appropriate changes to the organization's approach in significant areas, which may include, but are not limited to: liaison activities with collaborative organizations of industry and government entities, recruitment of personnel, and presentation of DMEA's public face. The contractor shall develop policy and process recommendations to improve the understanding of, access to, and acquisition of advanced technical capabilities needed by United States security and defense forces. The contractor shall provide technical guidance during the implementation of policy and process recommendations that are approved by the government. A003 (DI-MISC-80508): Policy Assessment and Recommendations Report

3.3 Program Summary: The contractor shall summarize all work accomplished under this PWS, including analysis conclusions, significant policy recommendations and implementations and recommendations, in a final report. (A004)

4.0 DELIVERABLES: The contractor shall establish and use a mutually agreed upon digital delivery system to generate, deliver, and permit government access to technical data which have been generated by the contractor in compliance with the work effort described in this PWS. The contractor shall deliver all items in accordance with their respective distribution lists. The cover sheet of all data items shall indicate the TASK Order ID, PWS title, Government Project Engineer name and office symbol. General data requirements are shown in Section 4.1 below.

4.1 DATA ITEMS: The contractor shall develop, coordinate, and complete documents, briefings, and papers pertaining to the requirements paragraphs. Delivery shall be made in accordance with the distribution list below.

Distribution List:

Code	Copies (regular/reproducible/electronic)	Address
DMEA/ME	All deliverables: 0/0/1 If this task involves classified data, the contractor shall deliver classified data in an appropriate manner to this recipient. The contractor shall ensure the security of unclassified DoD information on non-DoD information systems in accordance with DoDI 8582.01, 6 Jun 2012.	DMEA/ME Attn: Daniel Marrujo, Chief Strategy Officer 4234 54th Street McClellan, CA 95652-2100 daniel.marrujo@dmea.osd.mil

DMEA/MEAD

All deliverables: 0/0/1

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DMEA/MEAD

Attn: Dan Sheddy, Project Engineer
4234 54th Street
McClellan, CA 95652-2100
daniel.sheddy@dmea.osd.mil

DMEA/MEEC

All deliverables: 0/0/1

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DMEA/MEEC

Attn: Connie Newell, Contracting
Officer
4234 54th Street
McClellan, CA 95652-2100
connie.newell@dmea.osd.mil

5.0 ENGINEERING TECHNICAL POINTS OF CONTACT:

DMEA/MEAD Project Engineer: Dan Sheddy Voice: (916) 231-1553 E-mail: daniel.sheddy@dmea.osd.mil	Resource Manager (RM) Point of Contact: DMEA Funds Office Office Symbol: DMEA MEDC E-Mail: funds@dmea.osd.mil
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