



DEFENSE MICROELECTRONICS ACTIVITY
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Executive Summary

The Defense Microelectronics Activity (DMEA) is planning to acquire engineering services for the Advanced Technology Support Program IV (ATSP4), which will be the next in a highly successful series of engineering services contracts. ATSP4 is a uniform technical and management approach that leverages advanced technologies to meet the requirements of the Department of Defense (DoD) for a quick reaction capability across the entire spectrum of technology development, acquisition, and long-term support. This capability includes the development of appropriate solutions to keep a system operational, elevate sophistication level, or meet new threats. These efforts may include developing components to meet the DoD's requirements for ultra-low volumes, extending component availability, or ensuring a trusted, assured, and secure supply of microelectronics; also included will be the intelligent and rapid application of advanced technologies to add needed performance enhancements to DoD weapon systems in response to traditional and irregular (asymmetric) threats and to the problems related to aging weapon systems. Increasing warfighter capabilities and providing solutions to electronics support problems—such as, reliability, maintainability and obsolescence—are accomplished through the development and insertion of applications of advanced microelectronics technologies. The scope of ATSP4 covers both hardware and software and includes studies, analysis, design, software, simulation, prototyping, integration, testing, producibility, and limited production. The scope of ATSP4 also includes the development of viable methods and procedures for using available tools and resources, strategies for resolution of replacement alternatives, and technical interchange in support of task accomplishment.

A Source Selection methodology will be utilized which anticipates a multiple award task order contract (MATOC) with awards to large and small businesses. Feedback received by DMEA will be used to help shape the Request for Proposal (RFP). This site will utilize an interactive RFP approach where the solicitation will be refined through the analysis of industry comments and suggestions, which are encouraged. Posted information is non-binding and subject to change. In support of DoD paperless initiatives, all communications regarding this acquisition will be electronic.

Multiple awards of indefinite delivery, indefinite quantity (IDIQ) contracts spanning a 5-year ordering period with a possible additional option 5 year ordering period are anticipated. For more information about the current ATSP contract, see the ATSP3 website at www.dmea.osd.mil/atsp3ss.html. For ATSP Program information, see the DMEA contracting page at <http://www.dmea.osd.mil/contracting.html>.