

Project and Engineering Support Services (PESS)

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Questions and Answers – SET 4

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Q.1. What is the difference between FILMSS and PESS?

A. 1. In an effort to provide Ames with the full breadth of services required to develop, win, implement and operate new and existing Programs and Projects two new acquisitions are underway. These two procurements will address science, project development, and program and engineering support that will integrate the entire lifecycle of program and project management. The purpose of these two new acquisitions is to strengthen ARC's ability to meet the Center's and the Agency's strategic goals for NASA missions. Based on the goal of these two new acquisitions, the following contracts: NAS2-02090, Programs and Projects (P&P) Services with Lockheed Martin, and NNA08AF30B, Engineering, Design and Fabrication Services with ASRC Research & Technology Services (ARTS), will not be recompeted.

Below is a summary of the two new acquisitions:

Fully Integrated Lifecycle Mission Support Services (FILMSS): The Draft Statement of Work for this acquisition has been posted and is available for comment. FILMSS, selected through a full and open competition, will provide sustained program and project management support, providing functional capabilities to meet Ames goals and requirements. FILMSS will support:

- the virtual institutes (virtual communications, virtual science collaborations, announcement of opportunity process)
- science research, particularly astrobiology research and biosciences payloads on the ISS and other platforms
- small-scale hardware/technology development and engineering
- conceptual studies through proposal development
- spaceflight project support, including operations
- education & public outreach
- data management, analysis, and archiving
- project management support
- innovative partnerships, including science research
- strategic planning and analysis
- general workshops and conferences

FILMSS' principal benefits:

- development and encouragement of synergies wherein capabilities and expertise in one functional area will be available to interested parties across the Center (for example, a state-of-the-art system for virtual communications and collaborative research developed for the virtual institutes would be made available to other organizations on the Center)
 - management efficiencies
 - support current needs through core elements while providing the flexibility to add IDIQ work to meet future requirements

Project and Engineering Support Services (PESS): The Draft Request for Proposal for this acquisition has been posted and is available for comment.

The PESS acquisition will provide Project Management support and multi-disciplined Engineering support services for ground based, airborne, and spaceflight hardware and software development and applications for numerous and varied ARC and NASA programs and projects. PESS will support all the engineering activities at Ames, from spacecraft mission design and analysis, through engineering development, fabrication, assembly, testing and mission operations.

Programs to be supported by the PESS contract include the Small Spacecraft Technology Program in the Office of the Chief Technologist (OCT); Airborne, Space and Earth Science instruments, Discovery-, Explorer-, and Venture-class Projects, and mission operations for SMD; evolving advanced space technology projects and advanced systems development in OCT; Advanced Exploration Systems, Human/Robotic systems, Bioengineering and other capability-driven programs being developed in HEOMD; the Center's Innovative Small Sat Research projects, in addition to a variety of NASA inter-center work agreements (e.g. with JSC, KSC, and MSFC) for the Directorate to provide specialized engineering systems and technical support.

The ARC Acquisition Division will periodically post updates about the status of the two new acquisitions on FebBizOpps, the ARC Acquisition Plan Tool, and the NASA Acquisition Internet Service which are available at <https://www.fbo.gov/>, <http://ec.msfc.nasa.gov/cgi-bin/eis/admin/admin.cgi?center=ARC>, and <http://prod.nais.nasa.gov/cgi-bin/nais/index.cgi>,

Q.2. If a prime A proposes a sub B for PESS, is it a conflict of interest for Prime B to propose sub A for FILMSS?

A.2. Offerors must read the solicitations for PESS and FILMSS, when issued, with care, including but not limited to any terms which may be contained therein relating to Organizational Conflicts of Interest, to determine whether they desire, and are eligible, to compete on either or both of these procurements. Offerors should consult their own legal counsel in making these determinations.

Q.3. Do you have a certification program for cranes and test equipment?

A.3. Yes, the Government does have a certification program for cranes and test equipment.

Q.4. Slide 33 presented at the pre-proposal conference discusses the Mission Design Center. However, the PESS SOW does not have requirements to support the Mission Design Center. Please clarify if support to the Mission Design Center is part of the PESS scope.

A.4. The Mission Design Center is part of the PESS scope, please see Section 3.4.1 for additional information.