

Contract Title: NASA Langley Research Center (LaRC) Research, Operations, Maintenance and Engineering (ROME) Contract	
Contract Number: ROME-04-01	Contract Type: CPIF/CPFF/FFP/Award Term
Performance Period: 05/04 – 02/14	
Contract POCs:	
Contracting Officer: Dorian Derse 9B Langley Blvd, Bldg. 1195A:121 NASA Langley Research Center Hampton, Virginia 23681-2199 (757)864-6264 dorian.l.derse@nasa.gov	Contracting Officer Representative:
Description of Relevant Work	
<p>Summary/Overview: Tessada & Associates, Inc. was a subcontractor to Jacobs Sverdrup. Tessada was acquired by Fort Sill Apache Industries, LLC (FSAI) in July 2014. As a subcontractor to Jacobs Sverdrup, we provided engineering and technical services in support of NASA Langley Research Center under the Research, Operations, Maintenance and Engineering (ROME) contract. Tasks performed by the team included operations management; engineering projects; engineering services; instrument maintenance, repair, and upgrades; library services and documentation management. These tasks are described in further detail below:</p> <p>Facility Maintenance and Operations</p> <p>The team coordinates and integrates schedules for day-to-day activities. This includes providing weekly updates and maintaining facility and test schedules. The team maintains facility characteristics and capabilities data, and interfaces with facility research customers and facility operations personnel to negotiate unique test goals and objectives and carry out test plans. Customer satisfaction is ensured by measuring performance with exit surveys. The team operates LaRC research facilities in accordance with LaRC commitments to schedules for research testing, planned facility modifications, and performance of major facility repairs.</p> <p>Equipment Management</p> <p>During the contract, the team repaired, modified, assembled, calibrated, and maintained 80,000 inspection measurement and test equipment devices, applying procedures compliant with ISO 17025 standards. Approximately 5,000 of these instruments are used daily and calibrated periodically, 15,000 are used infrequently and calibrated before use, and 60,000 devices are maintained in reserve for use when required. Additionally, the team fabricated racking and stacking equipment, as well as designed and created test devices, setups, fixtures, accessories, and equipment, including software for automated test calibration stands.</p> <p>Technical Library</p> <p>Library Services and Documentation Management: The team operates the engineering library and the information technology (IT) library. For the engineering library, the team</p>	

provides documentation library support between 8 a.m. and 4:30 p.m., though library access is available round the clock. The team also develops and maintains IT documentation including records for commercial products, reports, procedures, logs, schedules, plans, meeting minutes and actions, licensing, and maintenance agreements.

Facility Projects

Periodically, the team responds to work orders and task orders for the pre-project planning, design, and/or construction of new institutional and research facilities or facility upgrades. For these jobs, we provide project management including the planning and coordination required to ensure that projects are expedited and accomplished safely, while ensuring that appropriate approvals are obtained from the Facility Coordinator and Facility Safety Head.

We provide engineering services to support facility maintenance and research operations at LaRC. This work includes on-site field consultation, analyses, preparation of design modifications, and field verification of drawings. We troubleshoot problems with mechanical equipment; malfunctioning software; and retuning of mechanical, fluid, and electrical control systems.