

Task Order 38-12 Rev. 1

1.0 TITLE OF EFFORT: International Space Station (ISS) Government Furnished Equipment (GFE) Crew and Thermal Systems Division Support

2.0 TASK DESCRIPTION

The contractor shall support the activities associated with the Crew and Thermal Systems Division equipment transitioned from Jacobs to Wyle. This effort is limited to single shift, normal work periods. Second shift or overtime efforts required to support this effort will require approval in advance by the NT management.. The equipment involved in this effort are those defined in JSC 28533 International Space Station Catalogue of Intravehicular Activity (IVA) Government Furnished Equipment (GFE) Flight Crew Equipment (FCE), Section 1.” This does not include ECLS equipment and Water associated items.

2.1 STATEMENT OF WORK REFERENCE

Section 6.0 - JSC Project Support
Section 5.0 - Program Support

2.2 REQUIREMENTS

2.2.1 Quality Engineering

The contractor shall provide Quality Engineering (QE) support for sustaining hardware and new development.

- a. The sustaining effort includes providing inspection points, reviewing Task Performance Sheet (TPS's) for quality requirements, as well as providing QE support to Discrepancy Reports (DR's) and Failure Investigation Action Report (FIAR's), and the Problem Resolution Team (PRT). The contractor shall assist NASA Engineering in acceptance for shipping in the Pre-Shipment Readiness Review (PRR) system, update Acceptance Data Package (ADP's), , review and approve drawing revisions, support S&R and QA and on-orbit operations as required.
- b. The contractor shall lead the effort to develop the appropriate Government Mandatory Inspection Point (GMIP) approach and, when applicable, will develop GMIP Plans. The contractor shall support Defense Contract Management Agency (DCMA) as required. The contractor shall provide Product Breakdown Structure (PBS) data for process trending and will support NASA QA as required for On-Site testing.
- c. The contractor shall support the following activities:
 - i. Milestone Reviews (System Requirements Review, Preliminary Design Review, and Critical Design Reviews).
 - ii. Review technical documents, procedures, and specifications.
 - iii. Evaluate engineering change requests and waivers for quality assurance impacts.

2.2.2 Quality Assurance

The contractor shall provide quality assurance in-line inspection for assets transitioned from JSC to Wyle.

- a. The contractor shall provide quality assurance support for Wyle hardware coming onsite for testing at JSC facilities and a permanent quality assurance inspector in Building 36 to support the NASA requirements which include verification and acceptance of Mandatory Inspection Points (MIPs) per approved Work Authorizing Documents (WAD's); verification of testing for Acceptance, Qualification, and Certification tests per approved WADs; establishing additional MIPs as necessary during documentation review for WADs; generating DR's; performing the dimensional and physical inspections with precision measuring equipment when required; and performing/witnessing non-RITF related hardware inspection, verification, and documentation tasks associated with all phases of flight hardware processing at JSC facilities. Additionally the B36 inspector verifies and approves the PRR prior to the shipment of hardware for flight.
- b. The contractor shall provide JSC Bond Room Quality Assurance inspection support for this hardware. This inspection shall include identification and damage inspections of hardware, material, and piece parts received at JSC, identification and damage inspection of flight or flight-like hardware, material, and piece parts that are being shipped to other locations, generate DR's, and verify and approve PRR's prior to the shipment of hardware for flight.

2.2.3 Quality Assurance Record Center (QARC) Support and Flight Readiness

The contractor shall establish and maintain configuration, status accounting and accessibility to S&MA data products created and delivered by engineering projects according to NASA records requirements. The contractor shall:

- a. Track requirements verification and certification status.
- b. Maintain and assess QARC documentation on flight item manufacturing and test results in order to report on the status of these items in support of Flight Readiness.

2.3 PRODUCTS

The contractor shall provide applicable products, reports or analysis as stated in this Task Order.

3.0 PERIOD OF PERFORMANCE: October 1, 2011 through September 30, 2012

4.0 ESTIMATED COST

Contractor may provide travel, training, materials, and other non-labor resources as necessary to support task order requirements. Training may include selected professional discipline-based or spaceflight-based conferences with approval of the TMR.