

Task Order 21-12 Rev. 1

1.0 TITLE OF EFFORT: ISS Medical Projects (ISSMP) and Human Research Facility (HRF) Payloads Support

2.0 TASK DESCRIPTION:

The contractor shall coordinate and conduct Safety and Reliability (S&R), Software Quality Assurance (SQA), Quality Assurance (QA) & Quality Engineering (QE) activities related to the: ISS Medical Projects and Human Research Facility payloads .

2.1 STATEMENT OF WORK REFERENCE:

Section 6.0 - JSC Project Support

2.2 REQUIREMENTS

2.2.1 ISS Medical Projects (ISSMP) and Human Research Facility (HRF) (WBS 1.6.3)

The contractor shall provide S&R, SQA, QA & QE functions and support to the Metabolic Laboratory Operations, New Experiment Engineering, Launch Package Test and Integration, HRF facility hardware sustaining engineering, and ISS stowage lockers. This support shall include:

- a. Metabolic Laboratory Operations - The contractor shall support the development, fabrication and certification of soft good items.
- b. New Experiment Engineering - The contractor shall support the development of new experiments including the design, development, fabrication and certification of any related hardware and software.
- c. Launch Package Test and Integration - The contractor shall support testing and integration activities related to each launch package.
- d. HRF Facility Hardware Sustaining Engineering - The contractor shall support sustaining engineering activities related to the HRF/ISSMP hardware and software.
- e. ISS Stowage Lockers - The contractor shall support design, fabrication and sustaining engineering activities related to the ISS Lockers.

3.0 PRODUCTS

The contractor shall provide Requirements Verifications/Certification Status as required. The contractor shall provide S&R, SQA, QA & QE Assessments as required.

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

5.0 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.