

**For:
Range Operations Contract (ROC) II**

1. Representative Task Order Title:

“Replacement of Wallops Range Airport Surveillance Radar”

2. Period of Performance:

October 1, 2016 through April 16, 2017.

3. Purpose, Objective, and/or Background of Work to be Performed:

Under this Representative Task Order (RTO), the Offeror shall support an Orbital Sciences Corporation Antares mission launching from the Mid-Atlantic Regional Spaceport Pad 0A on March 2, 2017 while simultaneously supporting a NASA Sounding Rocket Campaign at Poker Flat Research Range (PFRR), Alaska that occurs from January 2, 2017 through March 31, 2017. The specific requirements for the Sounding Rocket Campaign are defined in Attachment A, Statement of Work, as well as the Enclosure 1 of the Statement of Work, Core Mission Model.

The overall NASA project management approach for this mission can be referenced in the eLibrary – *Project Plan, Range Support Services for Orbital Sciences Corporation’s Commercial Resupply Services (CRS) Program, dated May 14, 2014.*

There are three major functional services required to execute this mission. They are:

- Ground based instrumentation services at Wallops and Bermuda supporting telemetry, radar and command for NASA Range Safety and customer mission assurance information.
- Reception, recording, and data distribution of data for NASA Range Safety, NASA and customer real-time performance analysis, and post flight analysis.
- Processing and operations facilities and supporting services.

4. Description of Work to be Performed:

The Offeror shall meet the following service requirements in support of this RTO:

- Ground processing support services for launch vehicle, payload, and spacecraft.
- Range instrumentation services for the launch.
- All services required for the Alaska Sounding Rocket campaign shall not be compromised

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Mission requirements are applicable to pre-launch and launch operations. The Offeror's end of mission services support is upon delivery of an approved Post Mission Summary Report.

As an element of the TIP, the Offeror shall provide a *Range Support Services for Orbital Sciences Corporation Commercial Resupply Program Operations Directive (OD)* and a *Launch Site Support Plan (LSSP) for Orbital Sciences Corporation's Commercial Resupply Services (CRS) Program* with the proposal. The content requirements of these documents can be found in the SOW.

5. Deliverables:

In meeting the requirements of this RTO, the Offeror shall provide all project documentation and deliverables as defined in the SOW for Core mission requirements and in this RTO during the period of performance of this RTO.