



Science Systems and Applications, Inc.  
NNG12HP08C  
Task Order Statement of Work

Task Order Number: CY4\_067\_Rev0

Task Order Title: OMPS Nadir Instrument and Systems Development

### 1.0 Task Monitor (TM):

Name: James Gleason  
Organization: 614: Atmospheric Chemistry and Dynamics Laboratory  
Email Address: james.f.gleason@nasa.gov

### 2.0 Description of Work to be Performed

This task supports development of the OMPS Nadir instrument and systems supporting its flight on the JPSS satellites. Staff will provide pre-launch test data analysis, provide evaluations relative to performance requirements, and evaluate sensor products delivered by the sensor vendor. The staff will also review ground processing changes that are necessary in light of the sensor changes between the SNPP and JPSS OMPS sensors, and will support the development of flight operations products necessary for pre-launch testing at the observatory level and for in-flight operations.

The contractor shall provide support in these broad work areas:

- Analysis of pre-launch test data and evaluation of test results
- Flight table development
- Evaluation of sensor characterization databases
- Support development of the JPSS OMPS Concept of Operations

### 3.0 Special Requirements

None

### 4.0 Performance/Milestone Schedule

The SAS Contract Year 4 POP is May 01, 2015 - April 30, 2016

### 5.0 Deliverables/Reporting Requirements

- Contributions to scientific publications, workshops/conferences/symposia, both oral presentations and written contributions.
- Quarterly and annual reports.
- Delivery and availability of quality-controlled datasets and web-based material.
- Software and hardware documentation.

- Reports documenting participation in conferences, workshops, symposia, working groups and field activities.

#### 6.0 Other Information Needed for Performance of Task

Travel by contractor staff may be required to attend project workshops, scientific meetings or to support field measurement programs. This may require domestic or foreign travels, which will be determined on a case by case basis.

#### 7.0 Data Rights

N/A

#### 8.0 Safety

Staff on this task shall comply with federal, state, local, and center safety regulations. This shall be accomplished through management emphasis, technical training, and personal responsibility. Staff shall participate in safety orientation and training in accordance with the contract Safety and Health Plan, and work within the requirements of that plan.

#### 9.0 Risk

Contractor shall provide ongoing risk assessment and mitigation in performance of the Task Order. Priorities shall be re-evaluated as appropriate with the TM. Cost and schedule performance shall be assessed on a regular basis (no less frequently than monthly) and significant variations discussed and acted on in consultation with the TM and COR.

#### 10.0 Proposed Cost and Fixed Fee

In accordance with Paragraph B.8 of the contract, propose the Cost and Fixed Fee amount.