

GODDARD SPACE FLIGHT  
CENTER

**TASK ORDER**  
(Instructions and Distribution on  
Reverse)

PAGE 1 OF 1

1. CONTRACTOR:  
**SSAI**

2. CONTRACT NO.:  
**NNG12HP08C**

3. TASK/REVISION NO.:  
Task Order #027

4. JOB ORDER NO./PROJECT:

5. FLIGHT HARDWARE /SOFTWARE;  
CRITICAL GSA (IF, YES, OBTAIN  
BLOCK 16 CONCURRENCE):  
YES                NO

6. DESIGNATED FLIGHT  
ASSURANCE MGR.:

7. DESCRIPTION OF WORK TO BE PERFORMED (OBJECTIVES OR RESULTS DESIRED):

Micro Pulse Lidar Network

8. TASK DOCUMENTATION REQUIREMENTS/DELIVERABLE ITEMS:

(See Attached Task Order Plan)

9. PERFORMANCE/MILESTONE SCHEDULE:

**May 1, 2015 – April 30, 2016**

10. QUALITY ASSURANCE REQUIREMENTS:

N/A

11. TRAVEL, MATERIALS, ETC., KNOWN TO BE REQUIRED:

(See Attached Task Order Plan)

12. OTHER (FUNDING, NTE, HOURS, ETC.):

Total Cost:

Fee:

Total Price:            **\$255,247**

13. TASK ORIGINATOR/MONITOR/CODE/PHONE:

Ellsworth Welton/612.0/ 4.6279

14. BRANCH APPROVAL:

15. DIVISION  
CONCURRENCE:

18. THIS TASK ORDER IS ISSUED  
PURSUANT TO THE TERMS OF  
THE CONTRACT.

  
CONTRACTING OFFICER'S  
SIGNATURE/ DATE

Ayana A. Briscoe

Ayana A. Briscoe Contracting Officer  
TYPED OR PRINTED NAME

16. CONTRACTING OFFICER'S TECHNICAL  
REPRESENTATIVE:

Joel Susskind

17. CONTRACTOR SIGNATURE:

Science Systems and Applications, Inc.  
NNG12HP08C

Task Order Statement of Work

Task Order Number: CY4\_027\_Rev0

Task Order Title: Micro Pulse Lidar Network

1.0 Task Monitor (TM):

Name: Ellsworth Welton

Organization: 612: Mesoscale Atmospheric Processes Laboratory

Email Address: ellsworth.j.welton@nasa.gov

2.0 Description of Work to be Performed

Micro Pulse Lidar Network

- Support the activities of the Micro-pulse Lidar Network (MPLNET)
- Provide automated data processing and website support for MPLNET
- Provide engineering support for MPLNET instrumentation
- Participate in deployments to MPLNET sites and field experiments (domestic and international)
- Manage logistics associated with the shipping of MPL systems to sites/field experiments and the purchase and/or repair of components in the field
- Support vendors and consultants who provide technical services in support of MPLNET deployments
- Develop new MPL related instrumentation, engineering designs, data processing algorithms, and applications
- Provide science and engineering reports, and publish papers resulting from work under this task
- Provide MPL property management and administrative support

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.