

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

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REQUEST FOR TASK PLAN / TASK ORDER**CONTRACTOR****CONTRACT NO./TASK NO.****TASK NO.****AMENDMENT**

QSS Group, Inc.

99124

336

Applicable paragraphs from contract Statement of Work: Function 2.D.7

STATEMENT OF WORK: (Continue on blank paper if additional space is required)**(This task incorporates new work and Task 277 follow-on work; uninterrupted transition of the follow-on work is required.)**

The contractor shall provide the necessary engineering services to assist the Power Systems Branch in the technical oversight of the EOS Aqua and Aura Electrical Power System (EPS). This technical purview shall include spacecraft electrical power systems and associated flight interface and associated ground support equipment, and instrument power system development and verification. The contractor shall have knowledge of the EPS, including batteries, and solar cells/arrays. The contractor shall have knowledge of ground integration procedures and EPS preparation procedures leading to spacecraft launch. The contractor shall be familiar with operations aspects of the EPS.

The contractor shall:

1. Monitor power system design, integration, test activities, and pre-launch activities, including battery reconditioning for the EOS Aqua and Aura EPS.
2. Participate in all working meetings and teleconferences in the Branch, the Project, at the EOS Aqua and Aura Prime Contractor and at the Subcontractor facilities on issues related to the EOS Aqua and Aura EPS.
3. Review and provide recommendations on all EPS related problem reports, waivers, and deviations.
4. Report to the ATR on a weekly basis (e-mail, oral, or written) regarding the status of the EPS.
5. Provide copies of written correspondence (memos and e-mail) between himself and the Project/Prime Contractor/ Subcontractor on EOS Aqua and Aura EPS to the ATR.

(CONTINUED)

PERFORMANCE SPECIFICATIONS:

All plans and procedures under this task are to be produced using industry standard practice.

Cell By-Pas Switch Closure Report: This report shall contain a diagram of the test set-up/schematic, test summary and any anomalous incidents. A copy of this report is to be delivered to Mr. Henry Stintz, Code 422, Bldg 16, Room 118.

APPLICABLE DOCUMENTS:

Evaluation and input to be based on all applicable EOS Aqua and Aura Spacecraft Performance and Verification Documents.

TASK END DATE: 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

Weekly Status Reports	Weekly to ATR
Summary Report on EPS Issues/Status	Initial status report within 2 days to ATR. Final Report within 7 days after Closure to ATR.
Technical Progress Reports	Monthly to ATR; due the 15th of the month
Launch Site Activity Report	Within 7 days after each Launch Site activity event
EOS Spacecraft Review Summary Report	Within 14 days after Review Completion
Copies of Written Correspondance	Within 5 days of issuance
Cell By-Pass Switch Closure Report	10/31/00

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the deliverables/milestones.
Technical: ATR's acceptance of the above.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Denney Keys, building 20, room 184

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STATEMENT of WORK (Continued)

6. Communicate with the ATR within 2 days whenever a problem is surfaced that could affect the performance, schedule or cost of the EPS.

7. Attend all EOS Aqua and Aura spacecraft reviews such as Program Status Review, Pre-Ship Review, Launch Readiness Review, etc., when deemed necessary by the Projects or Branch.

8. Communicate regularly with EOS Aqua and Aura Prime Contractor personnel to ascertain current status of the EPS and assist in resolving any open issues.

9. Provide a monthly summary of activities to the ATR.

10. Provide EPS launch site services on site for the EOS Aqua launch.

11. Provide L&EO services for EOS Aqua spacecraft.

12. Design, plan and execute a test of the "closure" of an Aqua battery cell by-pass switch while attached to an activated battery cell. Deliver a report on the closure event as the final product. This report shall contain a diagram of the test set-up/schematic, test summary and any anomalous incidents. A copy of this report is to be delivered to Mr. Henry Stintz, Code 422, Bldg 16, Room 118.