

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	436	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

(Anticipated start dated is February 1, 2001)

The contractor shall provide services to the Guidance, Navigation and Control Center (GNCC) Guidance, Navigation and Control (GN&C) Systems Engineering Branch for the Earth Observing Satellite (EOS) Aqua spacecraft.

Using the contractor's knowledge of end-to-end GN&C flight and ground systems engineering, GN&C system conceptual design, GN&C system technology development, and GN&C technology planning, the contractor shall perform the following:

1. Provide management of all analytical and hardware activities relating to GN&C. This includes GN&C components definition, system integration and test, flight software development and test, and launch and mission operations services.
2. Evaluate the EOS Aqua spacecraft for flight readiness through a series of developmental qualifications, and acceptance tests.
3. Evaluate GN&C on-orbit anomalies and recommend operational solutions of work-arounds. If required, recommend fixes for future spacecraft.
4. Evaluate any proposed changes to the EOS Aqua GN&C design to determine the effect on instrument pointing performance.
5. Evaluate any proposed changes to the instruments to determine the effect on the EOS common spacecraft GN&C design.

The contractor shall perform tasks on-site and at EOS Aqua contractor locations.

PERFORMANCE SPECIFICATIONS:

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Office compatible format via either diskette or email.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention. Report to include: (1) summary of monthly progress; (2) plans for next month; (3) problems; (4) issues; and (5) resolution of problems/issues.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

APPLICABLE DOCUMENTS:

None.

TASK END DATE:

1/31/01 1/31/02

MILESTONES/DELIVERABLES AND DATES:

1. Evaluation/study results and reports shall be delivered to the EOS Aqua Project and the ATR within 6 months of the initial request for EOS Aqua Project specified analysis.
2. Technical Progress Report: monthly, 15th of the month
3. Additional status meetings and reports may be requested by the EOS Aqua Project and/or the ATR.

PERFORMANCE STANDARDS:

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

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

George Morrow, building 16W, room 100A and Jennifer Bracken, building 11, room E109