

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.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NASS- 99124 TASK NO. 413 AMENDMENT	730-228-12-28-89	01

TASK TITLE:
High-Rate Digital Engineering and Test Services for Aura

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR) Juan C. Rivera <i>[Signature]</i> Steven S. Scott <i>[Signature]</i>	DATE 10/20/00	ORG CODE 740.3	MAIL CODE 424	PHONE 8602 6-2846
BRANCH HEAD Margaret A. Luce <i>[Signature]</i>	DATE 11/2/00	CODE 424		PHONE 6-6527
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) <i>[Signature]</i> Robert S. Lehair, Jr.	DATE 11/2/00	CODE 560		PHONE 6-6588

FLIGHT HARDWARE, CRITICAL USE OR SOFTWARE? **CONTRACTING OFFICER'S QUALITY REP.**

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

NO YES

DESIGNATED FAM: *[Signature]* 11/2/00
Steve Manning, Code 424

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reqs and Certs.

DESIGNATED FAM: *[Signature]* 11/2/00
Steve Manning, Code 424
(To be completed by Contracting Officer)
C.O. Requested Quote on:
Date:

Contractor will develop specification or statement of work under this task for a future procurement. NO YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. NO YES N/A

Government Furnished Property/Facilities: NO YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: NO YES If yes: TOTAL PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: NO YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 11/3/00.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 281,868.

The target fee of this task order is \$ 974.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 282,842.

The maximum fee is \$ 1,424.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

[Signature] 1/11/01 *Theresa J. Becker*

SIGNATURE OF CONTRACTING OFFICER DATE TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE DATE

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QSS Group, Inc.		NAS5- 99124	TASK NO. 413
		AMENDMENT	

Applicable paragraphs from contract Statement of Work: Function 2C

STATEMENT OF WORK: (Continue on blank paper if additional space is required)*(This is a follow-on to Task 166 under this contract.)*

The contractor shall perform systems, digital, communications, software, mechanical, and electrical engineering services for Earth Observing System (EOS) Aura Project. The contractor shall provide services for the review of the Aura RF compatibility test plan and support of RF compatibility testing at TRW in Redondo Beach, California and GSFC. The contractor shall provide services for OMI IAM integration testing in Maryland, the Netherlands and at TRW in California. The contractor shall review, verify, and validate implementation of test procedures and databases written with the EPOCH 2000 system used by the Observatory. The contractor shall review, verify, and validate test plans and procedures written by the compatibility test van team. The contractor shall review and monitor the configuration and progress of the RF compatibility tests. The contractor shall also provide services in support of Aura instrument integration and testing.

PERFORMANCE SPECIFICATIONS:

Technical Progress Report: shall include significant detailed descriptions of documents reviewed, program activities supported, recommendations made, testing activities supported, and documentation submitted.

All documentation, comments, and recommendations submitted by the contractor shall meet the requirements of the EOS Common Spacecraft General Interface Requirements Document (GIRD), and the Aura RF-ICD. Contractor deliverables shall include written reviews of, corrections to, and recommendations for technical documents such as requirements documents, test plans, test procedures, command and telemetry databases, and instrument operational constraints and restrictions. Technical performance will be based on thoroughness and completeness of written reports and if 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 Word format via either diskette or email.

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: 11/30/01**MILESTONES/DELIVERABLES AND DATES:**

1. Participation in instrument pre-integration test meetings complete: by 11/30/00 and by 12/31/00
2. Participation in the OMI IAM testing in the Netherlands complete: by 1/31/01
3. Participation in EPOCH 2000 training and instrument database conversion meetings complete: by 3/31/01
4. Participation in 1553B spacecraft bus utilization studies complete: by 11/30/00; by 5/31/01; and by 10/31/01
5. Participation in the Aura flight software delta CDR at TRW complete: by 11/30/00
6. Participate in the instrument ICD reviews and provide written comments: by 1/31/01; by 4/30/01, by 7/31/01; and by 10/31/01
7. Provide written reviews of, corrections to, and recommendations for technical documents such as requirements documents, test plans, test procedures, command and telemetry databases, and instrument operational constraints and restrictions: due 30 days after request by ATR
8. Provide review, verification, and validation of test plans and procedures written by the compatibility test van team: due 11/30/01
9. Technical Progress Report: monthly, 15th of the month

PERFORMANCE STANDARDS:

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

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Juan Rivera, building 16W, room N07