

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	APPROV. BY
QSS Group, Inc.	NAS5- 99124 211 AMENDMENT	426-258-10-19-89	(99)

TASK TITLE: (NTE 80 characters; include Project name)

EO-1 Small Solid State Recorder (SSR) Study

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR) Nicholas J. Speciale	DATE 2/9/2000	ORG CODE 730	MAIL CODE 490	PHONE 301-286-8704
BRANCH HEAD Dale F. Schulz	DATE 2/9/00	CODE	PHONE 490	PHONE 301-286-8417
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) Robert S. Lebair, Jr.	DATE 2/9/00	CODE	PHONE 560	PHONE 301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? <small>(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)</small>	CONTRACTING OFFICER'S QUALITY REP. Larry Moore	DESIGNATED FAM:		
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				

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 Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: FEB - 9 2000

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 February 9, 2000.

INCENTIVE FEE STRUCTURE (check one)

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

	No. 1	No. 2	<input checked="" type="checkbox"/> No. 3	No. 4	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 \$ 77,603.

The target fee of this task order is \$ 3,983.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 81,586.

The maximum fee is \$ 5,821.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

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

Signature of Contracting Officer

SIGNATURE OF CONTRACTING OFFICER

3/8/00
DATE

Lorrie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.		
QSS Group, Inc.	NAS5- 99124	TASK NO. 211	AMENDMENT

Applicable paragraphs from contract Statement of Work: Function 1

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

Contractor will provide:

- 1) Conceptual design for a small solid state recorder (SSR) to provide sufficient recorder/processor capability to operate the EO-1 Advanced Land Imager (ALI) in support of the EO-1 Minimum Success Criteria Mission.
- 2) An assessment of the feasibility of development of the small SSR as designed, including technical factors (e.g., parts availability, risk concerns), schedule assessment and cost estimate for development and integration to the EO-1 spacecraft.
- 3) A set of presentation charts detailing the conceptual design and key feasibility information, to be presented to the EO-1 Red Team Review. Contractor will present design and feasibility assessment to the Red Team Review.
- 4) Continuing support after the Red Team Review to answer questions posed by the Red Team about the conceptual design and feasibility assessment, until any Red Team actions associated with small SSR conceptual design are deemed closed by the Red Team.

PERFORMANCE SPECIFICATIONS:

- 1) Design shall meet all performance criteria for the fully successful technical validation of the Advanced Land Imager. (ALI Validation Plan is available from the EO-1 Project.)
- 2) Design shall be able to be integrated with the EO-1 spacecraft bus as built.
- 3) Presentation charts shall be in the Red Team Review format, available from the EO-1 Project.

APPLICABLE DOCUMENTS:

- | | |
|--|--|
| 1) EO-1 Mission Success Criteria | 6) EO-1 Technology Level II Requirements |
| 2) EO-1 Level I Requirements | 7) EO-1 ICD-018, EO-1 Spacecraft to ALI ICD |
| 3) 490-PG-7120.2.1, EO-1 Project Plan | 8) EO-1 IDC-026, EO-1 Spacecraft to WARP ICD |
| 4) ALI Technology Validation Plan | 9) EO-1 ICD-056, ALI to RS-422 ICD |
| 5) EO-1 Spacecraft Level II Requirements | 10) EO-1 ICD-069, S-Band WARP to C&DH ICD |

TASK END DATE: 5/31/00

MILESTONES/DELIVERABLES AND DATES:

- 1) Conceptual design and feasibility assessment must be completed no later than March 10, 2000.
- 2) Red Team Review charts and presentation must be completed no later than ~~the business days prior to the~~ 3/15/00
- 3) Answers to Red Team questions must be completed on the timetable set by the Red Team at the close of the Review, and in no case later than the EO-1 Mission Readiness Review (tentatively scheduled for May 15, 2000).

PERFORMANCE STANDARDS:

- Schedule:** On-time completion/delivery of the above deliverables.
- Technical:** Program Manager and Red Team acceptance of the above deliverables.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Bryant Cramer, NMP/EO Program Manager, Building 16, Room G8D