

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

<b>CONTRACTOR</b>		<b>CONTRACT NO./TASK NO.</b>		<b>JOB ORDER NUMBER</b>	<b>APPROP. FY</b>
QSS Group, Inc.		NAS5- <b>99124</b>	TASK NO. <b>97</b>	924-227-62-49-89	99

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

**GLAS FEDS Development and Services**

**APPROVALS:** (Type or print name and sign)

<b>ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)</b>		DATE	ORG CODE	MAIL CODE	PHONE
Tom Feild	<i>Tom Feild</i>	6/2/99	568	568	301-286-6686
<b>BRANCH HEAD</b>		DATE	CODE		PHONE
Fred Huegel	<i>Fred Huegel</i>	6/2/99		568	301-286-2285
<b>CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)</b>		DATE	CODE		PHONE
Robert S. Lebair	<i>Almorah A. Clark</i>	6/3/99		560	301-286-6382

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? <small>IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK</small>	CONTRACTING OFFICER'S QUALITY REP. <i>see for L. Moore per telecon</i> Larry Moore	DESIGNATED FAM:  Ron Kolecki
<input type="checkbox"/> NO <input checked="" 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) <b>C.O. Requested Quote on:</b> <b>Date: JUN - 4 1999</b>
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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 June 4, 1999.

**INCENTIVE FEE STRUCTUR (check one)**

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

	___ No. 1	___ No. 2	<u>X</u> 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 \$ 22,764.

The target fee of this task order is \$ 1,480.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 24,244.

The maximum fee is \$ 2,163.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

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

*Lorrie L. Eakin*  
SIGNATURE OF CONTRACTING OFFICER

9/1/99  
DATE

Lorrie L. Eakin  
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- <b>99124</b>	TASK NO. <b>97</b>	AMENDMENT

Applicable paragraphs from contract Statement of Work: Function 4D5

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

The contractor shall develop, integrate, and test software to provide an interface between an NTGSE workstation and the GLAS instrument command and housekeeping (1553) and science (RS422) ports.

The contractor shall provide periodic and as needed maintenance of this system.

The contractor shall develop, integrate and test software to interface the NTGSE to the GLAS BCE controller and to an ASIST workstation. This software will allow all GLAS commands and telemetry to be transferred between the NTGSE workstation and the ASIST workstation and BCE controller over Ethernet.

The contractor shall provide the following documentation and procedures:

1. Source code, executable code, and User's Guide for all software that is developed.
2. NTGSE configuration files (NTGSE.io and NTGSE.db) and page files for initial delivery and all subsequent updates.

*Note: Approximately 20% of the above work will be done onsite.*

**PERFORMANCE SPECIFICATIONS:**

Must handle all GLAS command and telemetry formats as described in GLAS Command and telemetry handbook.

**APPLICABLE DOCUMENTS:**

GLAS Command and telemetry handbook

**TASK END DATE:** 2/1/00

**MILESTONES/DELIVERABLES AND DATES:**

1. Demonstrate working interface between NTGSE and GLAS Electronics Box breadboard.  
Due Date: 25 days after availability of NTGSE and working electronics processor breadboard
2. Deliver all executable code, source code, NTGSE Files (NTGSE.io and NTGSE.db), page display files, and user's guide for the software used in deliverable 1  
Due Date: Same as deliverable 1.
3. Demonstrate working interface between NTGSE and GLAS Electronics Box Engineering Model (EM).  
Due Date: Initial - 25 days after availability of NTGSE and working electronics processor EM  
Subsequent - 2 weeks after request for update
4. Deliver all executable code, source code, NTGSE Files (NTGSE.io and NTGSE.db), page display files, and user's guide for the software used in deliverable 3 above  
Due Date: Delivered with deliverable 3.

**PERFORMANCE STANDARDS:**