

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	APPROVAL
QSS Group, Inc.	NAS5- 99124 TASK NO. 57 AMENDMENT	661-865-10-06-89	99

TASK TITLE: (NTE 80 characters; include Project name)
Gamma-Ray Spectrometer (GRS) Assembly Work

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
for James L. Odom <i>[Signature]</i>	4/26/99	564	663	301-286-5632
BRANCH HEAD	DATE	CODE	PHONE	
Robert L. Kasa <i>[Signature]</i>	4/26/99	564	301-286-8043	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
for Fred Huegel <i>[Signature]</i>	4/29/99	568	301-286-2285	

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? <small>(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)</small>	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	See for L. Moore per 4/29 email Larry Moore	

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.

(To be completed by Contracting Officer)
C.O. Requested Quote on:
Date: MAY - 3 1999

Contractor will develop specification or statement of work under this task for a future procurement.	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
Flight hardware will be shipped to GSFC for testing prior to final delivery.	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A
Government Furnished Property/Facilities:	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES If yes: <input type="checkbox"/> TOTAL <input checked="" type="checkbox"/> 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 May 3, 1999.

INCENTIVE FEE STRUCTURE (check one)
(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<u>X</u> No. 1	No. 2	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 \$ 35,644.

The target fee of this task order is \$ 2,285.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 37,929.

The maximum fee is \$ 3,340.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

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

[Signature] 10/14/99 **Loirie L. Eakin**
SIGNATURE OF CONTRACTING OFFICER DATE Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORISED SIGNATURE

DATE

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QSS Group, Inc.	99124	57	

Applicable paragraphs from contract Statement of Work: Function 2E

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

The purpose of this task is to provide assembly for the Gamma-Ray spectrometer (GRS) Instrument Electronics for the Mars Orbiter 2001.

To accomplish this task, the contractor shall assemble 6 printed wiring boards (PWB) of 3 types and final assembly of 6 PWB's of 3 types that was started on a previous contract. This is to include all associated wiring of the PWB to its enclosure.

The assembly process shall require high voltage assembly and wiring, surface mount and thru-hole assembly technologies.

- * After testing (performed by GSFC Code 663), the contractor shall coat and stake the electronic assemblies
- * using appropriate materials.

All flight mechanical alignment and assembly shall be performed by GSFC Code 663.

Throughout the stages of the flight hardware development process, the contractor shall be required to rework the electronic assemblies and retouch the coating and staking as required.

The contractor shall assemble non-flight test boards and wiring, as required, throughout the flight hardware development.

The contractor shall perform all work as directed by GSFC Code 663 supplied drawings and assembly procedures. GSFC Code 663 shall supply PWB's and part kits.

The contractor shall maintain as-built documentation for all flight assemblies.

PERFORMANCE SPECIFICATIONS:

Printed wiring boards are populated as per NASA-STD 8739.3.
Conformal coating and staking shall comply with NAS5300.4(3J-1).

APPLICABLE DOCUMENTS:

NHB-5300.4(3A-2)

TASK END DATE: ~~10/30/99~~ 11/30/99

MILESTONES/DELIVERABLES AND DATES:

Populated PWB's shall be delivered to GSFC Code 663 for testing two weeks after receipt of parts package.
Conformal coated PWB assemblies shall be delivered to GSFC Code 663 for testing one week after receipt of PWB assembly.
GSE assemblies and cables shall be delivered to GSFC Code 663 two weeks after receipt of assembly package.

PERFORMANCE STANDARDS:

- Schedule:** On-time delivery of required assemblies to GSFC Code 663
- Technical:** Assemblies meet NASA-STD 8739.3 and NAS5300(3J-1)

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

James Odom, building 2, room 12