

**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- <b>99124</b>	TASK NO. <b>190</b>	740-839-40-12-89	00

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

**GLAST Systems Engineering Services**

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Robert Maichle <i>Robert Maichle</i>	12/20/99	730	730	301-286-5222
BRANCH HEAD	DATE	CODE	PHONE	
Scott Lambros <i>Scott Lambros</i>	12/20/99	740	301-286-0118	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
for Robert S. Lebair, Jr. <i>Deborah A. Clark</i>	12/20/99	560	301-286-2285	

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? <small>(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)</small>	CONTRACTING OFFICER'S QUALITY REF.	DESIGNATED FAM:
(X) NO ( ) 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 Reqs and Certs.

*(To be completed by Contracting Officer)*  
**C.O. Requested Quote on:**  
**Date:** DEC 27 1999

Contractor will develop specification or statement of work under this task for a future proc ( ) No (X) YES

Flight hardware will be shipped to GSFC for testing prior to final de ( ) No ( ) YES (X) N/A

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

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

Surveillance Plan Attached: (X) No ( ) YES

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

The effective date of this task shall be January 14, 2000.

**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 \$ 70,276.

The target fee of this task order is \$ 4,567.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 74,843.

The maximum fee is \$ 6,675.

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)

11/14/00  
 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- 99124	TASK NO. 190	AMENDMENT

Applicable paragraphs from contract Statement of Work: Function 2 B, C and Function 5 A

**STATEMENT OF WORK:**

The contractor shall provide the following GLAST systems engineering services:

1. Enter the following documents into the DOORS database as they become available and maintain up-to-date versions as approved by the project configuration control board:
  - a. Science Requirements Document
  - b. Mission System Specification (MSS), updated
  - c. Science Instrument-Spacecraft Interface Specifications (SI-SC IS), updated
  - d. System Verification Plan, 1st draft
  - e. Instrument Performance Specification, 1st draft
  - f. Spacecraft Performance Specification (SCPS), 1st draft
  - g. Operation Concept Document (OCD), 1st draft
2. Perform requirements linking and traceability analysis.
3. Assist the project in continuing the development of the following documents:
  - a. Mission System Specification (MSS), updated
  - b. Science Instrument-Spacecraft Interface Specifications (SI-SC IS), updated
  - c. System Verification Plan, 1st draft

**PERFORMANCE SPECIFICATIONS:**

Monthly status report to include progress, problems/issues, and recommended solutions. Documents, plans, and analysis in accordance with applicable documents.

**APPLICABLE DOCUMENTS:**

NPG 7120.5A, NASA Program and Project Management Processes and Requirements  
SP-6105, NASA Systems Engineering Handbook

**TASK END DATE:** 12/30/00

**MILESTONES/DELIVERABLES AND DATES:**

MSS document, updated	3/31/00
SI-SC IS, updated	4/30/00
System Verification Plan, 1st draft	9/30/00
Requirement Traceability Analysis	9/30/00
Monthly Technical Progress Report	due 15th of the month summarizing the previous month's activities

**PERFORMANCE STANDARDS:**

Schedule: On time delivery of the above  
Technical: ATR's acceptance of the above

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Bob Maichle, building 23, room S221