

**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>APPROVAL</b>
QSS Group, Inc.	NAS5- 99124    TASK NO. 363    AMENDMENT	567-288-11-11-89	00

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

**NPP Spacecraft RF Subsystem Engineering**

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

<b>ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)</b>	<b>DATE</b>	<b>ORG CODE</b>	<b>MAIL CODE</b>	<b>PHONE</b>
Armen Caroglianian <i>Kenneth L Perko</i> for	8/8/2000	567	567	301-286-4340
<b>BRANCH HEAD</b>	<b>DATE</b>	<b>CODE</b>		<b>PHONE</b>
John Chitwood <i>John Chitwood</i>	9-8-00	567		301-286-5936
<b>CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)</b>	<b>DATE</b>	<b>CODE</b>		<b>PHONE</b>
<i>Robert S. LeBair Jr.</i> for <i>Deborah A. Clark</i>	9/8/00	560		301-286-6588
<b>FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE</b> <small>(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)</small>	<b>CONTRACTING OFFICER'S QUALITY REP.</b>	<b>DESIGNATED FAM:</b>		
<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 Reqs and Certs.

*(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

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 September 12, 2000.

**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 \$ 102,559.

The target fee of this task order is \$ 6,666.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 109,225.

The maximum fee is \$ 9,743.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE**

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

*Theresa S. Becker*  
 SIGNATURE OF CONTRACTING OFFICER

10/13/00  
 DATE

*Theresa S. Becker*  
 TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

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Applicable paragraphs from contract Statement of Work:

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

The contractor shall perform the following activities in support of the NPP project:

1. Provide RF expertise and analyses to support an SN/GN trade study, particularly in the area of Ku- vs. Ka-band systems.
2. As requested by the customer, examine life-cycle costs of various RF architectures, particularly in the context of the NPOESS constellation.
3. Assist the customer in developing the Level 3 spacecraft communications requirements.
4. Provide RF expertise for a GSFC in-house Phase B study activity, and review of data from external Phase-B contractors.
5. Participate in reviews, technical interchange meetings, and working group meetings at contractor, subcontractor, and GSFC, as required. Travel to contractor, subcontractor and other NASA facilities as required.
6. Advise the NPP Project and Code 500 management on all matters concerning the RF subsystem.

**PERFORMANCE SPECIFICATIONS:**

Technical Progress Report: shall summarize personal interfaces, content of meetings, reviews, test activities, and analysis of NPP RF subsystem problems, issues, and results. Major activities shall be clearly summarized and analyzed with rationale included.

Final Report: Technical performance will be based on thoroughness and completeness of the written report. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity.

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.

Status Reports: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

**APPLICABLE DOCUMENTS:**

None.

**TASK END DATE:** 9/30/01

**MILESTONES/DELIVERABLES AND DATES:**

1. Status Reports (email): weekly, submitted to the ATR (Armen.Caroglanian@gsfc.nasa.gov) and NPP Project Lead (Daniel.S.Devito@gsfc.nasa.gov).
2. Technical Progress Report: monthly, 15th of the month, delivered to the ATR
3. Final Report: 9/15/01

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery of the above milestones and deliverables.

**Technical:** Major activities shall be clearly summarized and analyzed with rationale included.

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

Dan DeVito, building 16W, room N250B