

**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.	AMENDMENT	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- <b>99124</b>	TASK NO. <b>10</b>	562-258-10-19-89	98

TASK TITLE:  
**WARP Power Supply Services**

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

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Arthur P. Ruitberg <i>Arthur P. Ruitberg</i>	4/7/99	563	563	301-286-4812
BRANCH HEAD	DATE	CODE		PHONE
Marlon Enciso <i>for Thomas Yf</i>	4/8/99		563	301-286-5485
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Fred Huegel <i>Sarah A. Clark</i>	4/14/99		568	301-286-2285

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? <i>(If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)</i>	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) <b>C.O. Requested Quote on:</b> <b>Date:</b> APR 19 1999
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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 type="checkbox"/> YES <input checked="" type="checkbox"/> N/A
Government Furnished Property/Facilities:	<input checked="" type="checkbox"/> NO <input 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 checked="" type="checkbox"/> TOTAL <input 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)*

	No. 1	No. 2	No. 3	<input checked="" type="checkbox"/> 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 \$ 22,444.

The target fee of this task order is \$ 21.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 22,465.

The maximum fee is \$ 31.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

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

<i>Lorrie L. Eakin</i> SIGNATURE OF CONTRACTING OFFICER	9/22/99 DATE	Lorrie L. Eakin Contracting Officer TYPED NAME OF CONTRACTING OFFICER
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**CONTRACTOR'S ACCEPTANCE:**

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
DATE

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NAS5-

TASK NO.

AMENDMENT

99124

10

Applicable paragraphs from contract Statement of Work: Function 3.E.4.e Power Systems, Low Power Conditioning Electronics

**STATEMENT OF WORK:**

The contractor shall provide services for the WARP power supply. The contractor shall be familiar with the LVPC design, flight unit layout, and testing of breadboard/flight unit. The contractor shall be knowledgeable of the power and power switching requirements of the LVPC design. The contractor shall be experienced with test and diagnostic techniques of flight power electronics hardware and integration of these hardware.

1. The contractor shall assist in troubleshooting electrical systems problems pertaining to the LVPC, and, if necessary, produce modifications to the LVPC.
2. The contractor shall examine data to verify proper LVPC functioning during the WARP Performance Test, environmental tests, post-coat test, and determine necessary corrections, implement and re-check, if necessary.

**PERFORMANCE SPECIFICATIONS:**

All testing and data analysis under this task are to be produced using industry standard practice.

**APPLICABLE DOCUMENTS:**

1. WARP internal interface documents.
2. WARP LVPC schematics, test procedures, and assembly drawings.
3. EO-1 spacecraft interface requirements.

TASK END DATE: 7/31/99

**MILESTONES/DELIVERABLES AND DATES:**

Spacecraft Test	Test summary data package within 1 week of completion of test
Environmental Test	Test summary data package within 1 week of completion of test
Post-Environmental Test	Test summary data package within 1 week of completion of test

Contractor and task monitor will have weekly 1/2 hour status meetings.

**PERFORMANCE STANDARDS:**

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

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

Art Ruitberg, Building 20, Room 47