

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.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	209	

Applicable paragraphs from contract Statement of Work: Function

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

The contractor shall provide services to the Flight Software Branch's (582) Flight Software initiatives by investigating several flight hardware architectures under development and usage by various projects. Extensive knowledge of Flight Hardware Architecture impacts on flight software development, testing and maintenance is required for this study. The study is to include availability of architectures, cost of software development facilities, availability of support software and documentation for the architecture, interface and maintenance issues. The contractor shall participate in meetings and discussions with Branch leaders of this initiative and shall identify technical issues to be addressed with respect to the architectures presented. Prototype facilities services will also be required.

PERFORMANCE SPECIFICATIONS:

The contractor will provide a summary study report which is to include a FSW Branch Initiative hardware recommendation. Topics within the recommendation will include status and availability, future growth potential, flight software development and test impacts including cost, and any other supporting documentation such as technical drawings, presentations and papers. A discussion concerning the availability and support of Commercial off the Shelf products in support of the recommended hardware is also required. Periodic reporting of status shall be weekly unless otherwise requested.

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 9/29/00

MILESTONES/DELIVERABLES AND DATES:

- | | |
|--|---------|
| 1. Draft Flight Architecture Study | 3/3/00 |
| 2. Preliminary Flight Architecture Study | 4/28/00 |
| 3. Final Flight Architecture Study | 9/29/00 |

PERFORMANCE STANDARDS:

Schedule: On-time completion/delivery of the above deliverables
Technical: ATR's acceptance of the above deliverables

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Kenneth Rehm, building 3, room 222