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. NAS5-	TASK NO.	AMENDMENT	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	99124	324		442-458-10-10 -89	00

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

HST SSE Servicing Mission Multimedia Web Site development, operation, and maint.

APPROVALS: (Type or print name and sign)

	DATE	ORG CODE	MAIL CODE	PHONE
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR) Eric Krupacs Eric Krupacs	7-28-00	442	442	301-286-1456
BRANCH HEAD Mark Jarosz Mark Jarosz	7-28-00	CODE 442		PHONE 301-286-8084
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) Robert S. Lebair, Jr. Deborah A. Clark	7/28/00	CODE 560		PHONE 301-286-6588

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
(x) NO ( ) YES	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 Reps and Certs.

(To be completed by Contracting Officer)
C.O. Requested Quote on:
Date: AUG 1 2000

Contractor will develop specification or statement of work under this task for a future procu (x) NO ( ) YES

Flight hardware will be shipped to GSFC for testing prior to final del (x) NO ( ) YES ( ) N/A

Government Furnished Property/Facilitie (x) NO ( ) YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ( ) NO (x) 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 order is the date of the Contracting Officer's signature below.

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

	__ No. 1	__ No. 2	__ No. 3	__ No. 4	_x_ No. 5
Cost	10%	50%	25%	25%	10%
Schedule	15%	25%	25%	50%	40%
Technical	75%	25%	50%	25%	50%

(To be completed by Contracting Officer)

The target cost of this task order 143,310
The target fee of this task order 9,189
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is 152,499

The maximum fee is 13,430
The minimum fee is $0.

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

SIGNATURE OF CONTRACTING OFFICER	DATE	TYPED NAME OF CONTRACTING OFFICER
	8/24/00	ELIZABETH J. AUSTIN CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE _____ DATE _____

FC FORM 703-1845 12/98 (OLDER VERSIONS ARE OBSOLETE)

ITRIBUTION: CONTRACTOR, CONTRACTING OFFICER, COTR, CODE 303, RESOURCES ANALYST, ASSISTANT TECHNICAL REPRESENTATIVE

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	NAS5-	TASK NO.	AMENDMENT
QSS Group, Inc.	99124	324	

Applicable paragraphs from contract Statement of Work:

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

The contractor shall develop and maintain a Web-based model of the SSE for HST. The primary focus for this task is SM03B, but not limited to SM03B. The web based SSE models are for visualization and virtual environment modeling that will easily identify specific carriers and areas thereof and associated multimedia (photo and video) products. Links are desired for viewing details of multimedia access products, a gateway to multimedia products, or the capability to identify the products available for specific carriers or subsystems thereof, including OPES and CATS. Support of this SOW requires utilization of HST and GSFC photo and video products and interfaces.
The contractor shall populate the database with data describing, but not limited to, mechanisms, high profile areas, ORU's, avionics, latches, EVA interfaces, and GSE.
the anamolies found on the SSE during SM03A and areas manifested for changeout for SM03B. This product will support the HST SSE web.site and support link for access to space web site.

PERFORMANCE SPECIFICATIONS:
Accurate implementation of technical and schedule information on web site
Correct technical information and drawings used in multimedia system updates
Correctly configured web server hardware and software updates

APPLICABLE DOCUMENTS:
See attached summary of SSE hardware to be used as a guideline for implementing what images are to be used in this web site.

TASK END DATE: ~~7/1/01~~ 12/1/01

MILESTONES/DELIVERABLES AND DATES:

~~Select hardware & I.D. Photos 6/30/00 and 2/01/01~~
~~Develop site by 8/31/00~~
~~System integration 4/30/01~~
~~System demonstration 5/1/01~~
~~System Delivery 6/1/01~~

Subtask 1:

1.	Select SSE hardware and I.D. Photos	12/15/00
2.	I.D. and acquire final SSE Photos (KSC)	9/1/01
3.	Develop SSE MM Site Structure	10/2/00
4.	System Integration	7/30/01
5.	System Demonstration	8/30/01
6.	System Delivery	10/15/01

Subtask 2:

7.	Select HST hardware and I.D. Photos	3/15/01
8.	I.D. and acquire final HST Photos	7/15/01
9.	Revisions to the HST MM Site Structure	10/30/00
10.	System Integration	7/30/01
11.	System Demonstration	8/15/01
12.	System Delivery	10/1/01

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

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):
Mark Jarosz, building 15, room 200F

SPACE SUPPORT EQUIPMENT (SSE) MULTIMEDIA WEB SITE (MMWS) CARRIER HARDWARE SUMMARY

FLIGHT SUPPORT SYSTEM (FSS)

MECHANISMS

- Berthing latches (1, 2, and 3)
- Umbilicals (Main - J1010 and Backup)
- Rotator
- Downlock
- Pivoter
- Berthing and Positioning Systems (BAPS) ring and harness

AVIONICS

- Advanced Mechanism Selection Box (AMSB)
- Flexible Multiplexer Demultiplexers (A and B)
- Power Distribution and Switching Unit (PDSU) 1
- Enhanced PDSU (EPDSU) 1
- EPDSU 2
- Interface Power Conditioning Unit (PCU)
- Port PCU
- Starboard PCU

CREW AIDS AND TOOLS (CATs)

- BAPS post (post and interface to latch beam)
- Space Telescope Instrument Spectrograph (STIS) Thermal Improvement Kit (STIK)(STIK, latches, and interfaces)
- Hubble Space Telescope (HST) Portable Foot Restraint (PFR) (PFR and interface
- Low Gain Antenna (LGA) cover (cover and interface)
- Handrails/translation aids, targets (rotator/pivoter)

MULTI-USE LIGHTWEIGHT EQUIPMENT (MULE)

AVIONICS

- FMDMs (A and B)
- PDSU

CATs

- Aft Shroud Cooling System (ASCS) (interfaces and latches, and radiator, radiator mount)
- Near Infrared Camera And Multi-Object Spectrometer (NICMOS) Cooling System (NCS) (interfaces and latches and radiator, radiator mount)
- NICMOS Cryo-Cooler (NCC) (box, cover, latches, interface, etc.)
- Electronics Support Module (ESM) (box, cover, latches, interface, etc.)
- Fuse plug panel
- PFR sockets and handrails/translation aids

OTHER

- Purge system

SECOND AXIAL CARRIER (SAC)

AVIONICS

- EPDSU

CATs

- Axial Scientific Instrument Protective Enclosure (ASIPE) (latches, box, interior and exterior surfaces, handrails)
- Contingency Orbital Replacement Unit (ORU) Protective Enclosure (OPE) (latches, box, interior and exterior surfaces, handrails)
- Small OPE ((latches, box, interior and exterior surfaces, handrails)
- Power Control Unit (PCU) (cover, etc. TBD)
- Handrails/translations aids
- PCU harness restraint, ingress aid, temporary parking fixture
- Fixed Head Star Tracker (FHST) light shield covers
- Wide Field Planetary Camera (WFPC) thermal cover
- Safety Bar
- New Outer Blanket Layer (NOBL) Protective Enclosure (NPE)
- Cross Aft Shroud Tool

OTHER

Purge System

RIGID ARRAY CARRIER

AVIONICS

None

CATs

- Solar Array (SA) 3 (Carrier latches 1-5) and SA2 interfaces
- Forward constraints
- Bi-stem braces and spines
- Aft shroud latch repair kit
- Diode Boxes, Transfer Handle
- Primary Deployment Mechanism (PDM) handle
- SA jettison handle
- Auxiliary Transport Modules (ATMs)
- SA Drive Assembly (SADA) clamps
- Spare SADA clamps and spare pip - pin