

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

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2. AMENDMENT/MODIFICATION NO.

37

3. EFFECTIVE DATE

See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

ISSUED BY

CODE

John F. Kennedy Space Center, NASA
Procurement Office - ODIN - OP-MS
Kennedy Space Center, FL 32899

7. ADMINISTERED BY (If other than Item 6)

CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

OAO Corporation
7500 Greenway Center Drive
Greenbelt MD 20770

(x)

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.

NAS5-98144/CC90303B

10B. DATED (SEE ITEM 13)

December 1, 2001

CODE

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

X

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

NAS5-98144 Contract Clause C.7 Technology Refreshment Process and FAR Clause 52.212-4 Contract Terms and Conditions-Commercial Items, (c) Changes

D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Stennis Space Center --- ODIN SERVICES

Technology Infrastructure: SWRs P203 2N11 00, P203 2N21 00 Rev 1, P203 2N04 00

Change in Delivery Order Price: \$34,286.82 (INCREASE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Bonnie L. Brandon
Director of Contracts

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Penelope A. Ebright
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

BY (Signature of Contracting Officer)

1. In accordance with Master Contract NAS5-98144, C.7, Technology Refreshment Process, the technology refreshment services referenced below is hereby incorporated into this Delivery Order at a fixed price of \$34,286.82.

SWR #	Subject	Amount
P203 2N11 00	PBX Upgrade in B1201 for NASA	\$7,806.91
P203 2N21 00 Rev 1	Install Three E-mail Servers in B1201 for NASA	\$2,977.92
P203 2N04 00 Rev 1	Network Upgrade in B1201	\$23,501.99
TOTAL		\$34,286.82

2. SWR P203 2N11 00

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling and equipment installation) and materials necessary to install ISDN-PRI Firewall units from SECURELOGIX Corporation on PBX in room 116 in B1201 to allow monitoring of "B" channels for outgoing and incoming traffic across the Primary Rate Interface Trunking for all voice, data and fax communications through the Stennis Space Center telephone system and allow or disallow data flow from fax's and/or data interfaces.

- a. The contractor shall perform the following tasks:
 - 1) Install (8) ISDN-PRI Firewall units in room 116 of B1201.
 - 2) Install Client software on server in B1201.
 - 3) OAO technicians will work with SECURELOGIX installation team to install hardware and software to activate PBX Firewall.
 - 4) Test firewall prior to releasing ISDN-PRI Trunking to NASA and their customers.
- b. NASA will provide the following materials:
 - 1) 8 each ISDN-PRI Firewall units Model 1030 (TWA01PR10ENA)
 - 2) 1 each 3DES Encryption license (TWENANA10ENA)
 - 3) 1 each Client Software Site License for Windows 98/NT (TWCNANA10ENT)
 - 4) 1 each Server software License for Windows NT (TWSNANA10ENT)
 - 5) 1 each Installation/Set-up (ISLHSTDTWENA)
 - 6) 3 each TeleWall Administrator Training (twservicea03)
 - 7) 1 each First Year Customer Care (CCXTWSCCAENA)
- c. The contractor shall test the software and the system prior to releasing the trunks for use by NASA and their customers.
- d. Schedule: The scheduled completion date of this effort shall be (4) four weeks after the receipt of a signed Modification.

3. SWR P203 2N21 00 Rev 1

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling and equipment installation) and materials necessary to install (3) e-mail servers in B1201 that will host WEB services for secure http.

- a. The contractor shall perform the following tasks:
 - 1) Migrate all Exchange users to the new systems and install the Outlook Web Application (OWA) for the secure http e-mail.
 - 2) Install OS and all Exchange and IIS components required for OWA.
 - 3) Rack mount server.
- b. The contractor shall provide the following materials:
 - 1) Two servers procured by OAO previously via capital improvement and one GFE server from purchased through SWEP by NASA.
- c. Schedule: The scheduled completion date of this effort shall be (4) four weeks after the receipt of a signed Modification.

4. SWR P203 2N04 00 Rev 1

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling and equipment installation) and materials necessary to install an internal router and firewall, a DMZ router and firewall, and an external router in B1201.

- a. The contractor shall perform the following tasks:
 - 1) Move the current internal router a Cisco 7507 to be a boarder router
 - 2) Install a DMZ Firewall
 - 3) Install a DMZ Router
 - 4) Install an internal Firewall
 - 5) Install an internal Router to replace current 7507 internal router
 - 6) Migrate current ACLs and Firewall Rule set to appropriate places
 - 7) Move NISN's connection to SSC to the external router
 - 8) Move the following Networks to the DMZ Router: National, MSCI, NDBC, ITD Spectral Visions, NMFS
 - 9) Provide network drawing
 - 10) Provide rack layout
 - 11) Provide project plan
- b. The contractor shall furnish the following materials.
 - 1) 3 each 2 Multi-mode sc-sc fiber jumpers
 - 2) 1 each keyboard shelf with mouse tray (185927)
 - 3) 1 each monitor shelf for 19" rack (153469)
- c. NASA will furnish the following materials to the contractor in the achievement of this effort.
 - 1) 2 each GFE Catalyst 6509 Chassis's WS-C6509
 - 2) 1 each GFE Catalyst 6509 Spare Chassis WS-C6509
 - 3) 2 each GFE Catalyst 6000 2500W AC Power Supplies WS-CAC-2500W
 - 4) 2 each GFE Catalyst 6000 2500W AC Power Supplies WS-CAC-2500W/2
 - 5) 1 each GFE Catalyst 6000 2500W AC Power Supply spare WS-CAC-2500W
 - 6) 4 each GFE Power Cord, 250Vac 16A, straight blade NEMA 6-20 plug, US CAB-AC-2500W-US1
 - 7) 3 each GFE SC6K Supervisor 2 Flash Image w/Cisco View, release 6.3.3 SC6KSUP2CV-6.3.3

- 8) 3 each GFE Catalyst 6500 Supervisor Engine-2, 2GE plus MSFC-2 & PFC-2 WS-X6K-S2-MSFC2
 - 9) 3 each GFE Catalyst 6000 MSFC2 IOS Enterprise w/VIP S6MSFC2AV-12108E
 - 10) 3 each GFE Catalyst 6000 MSFC-2 Memory, 128 MB DRAM MEM-MSFC2-128MB
 - 11) 12 each GFE 1000Base-SX Short Wavelength GBIC (multimode only) WS-G5484
 - 12) 20 each GFE 1000Base-LX/LH long haul GBIC (single mode or multimode) WS-G5486
 - 13) 4 each GFE Catalyst 6000 1-port Multimode OC-12 ATM Module WS-X6101-OC12-MMF
 - 14) 2 each GFE Cisco Catalyst 6000 Series IOS ATM OC12 Modules X6101 SC6ATM-12.05XS
 - 15) 3 each GFE 8X5XNBD Service, Catalyst 6509 CON-SNT-WS-C6509
 - 16) 4 each GFE Catalyst 6000 24-port 100FX, Enh Qos, MT-RJ, MMF WS-X6324-100FX-MM
 - 17) 3 each GFE Catalyst 6500 Switch Fabric Module 2 WS-X6500-SFM2=
 - 18) 2 each GFE Catalyst 6500 48-port 10/100, RJ-45, x-bar WS-X6548-RJ-45=
 - 19) 4 each GFE Catalyst 6500 16-port GigE Mod: fabric-enabled) req. GBICs) WS-X6516-GBIC
 - 20) 1 each GFE Checkpoint Firewall Management and Modules CPVP-VEE-U-3DES-NG
 - 21) 3 each GFE Checkpoint Software Subscription SS-CPVP-VEE-U-3DES
 - 22) 3 each GFE Checkpoint Gold Phone Support GS-CPVP-VEE-U-3DES
 - 23) 1 each GFE Checkpoint Secure Remote Encryption CPVP-VSR-5000-NG
 - 24) 3 each GFE Nectra 20 AC 750MHZ 8MB E-Cache 512MB 36 GB FCAL disk includes AC PSU Alarms Manuals and 19 inch Rack N28-URF1-9S-512AV
 - 25) 3 each GFE OPT QFE PCI Card w/sw X1034A
 - 26) 3 each GFE North American/Asia Pwr CRD KT X311L
 - 27) 3 each GFE OPT Internal DVD-ROM 10x X6168A
 - 28) 3 each GFE OPT INT Tape 20GB 4MM X6295A
 - 29) 3 each GFE OPT INT Disk 36.4GB/10K FCAL X6724A
 - 30) 3 each GFE 19-Inch slide adaptor kit X7099A
 - 31) 9 each GFE Sun Gigabit Ethernet/P 2.0 X1141A
 - 32) 3 each GFE OPT Memory 512MB (4" 128MB) 512Mbyte Memory Expansion (4 x 128MB Memory Modules) for use in Sun Blad X7050A
 - 33) 3 each GFE SOL 8 STD English Media SOLZS-080B9AYM
 - 34) 1 each GFE 8-Port KVM Switch (Sun USB PC Compatible) APC AP9278
 - 35) 36 each GFE Sun Netra 20 (T4) Bronze Monthly Charge Warranty Upgrade N28-BRZ-WUG
 - 36) 36 each GFE Netra 20 10% Next day Parts Delivery Upgrade N28-BRZ-Nextday UP
 - 37) 1 each GFE US Unix/Unix Univ/Eur Unix X3515A
 - 38) 1 each GFE 17 ENTRY Color Monitor X7143A
 - 39) 3 each GFE PGX64 Card w/video Adaptor B1201
- d. Schedule: The scheduled completion date of this effort shall be (10) ten weeks after the receipt of a signed Modification. Project plan and rack layout shall be completed within one week after the receipt of a signed modification.

5. Part II “Contract Administration Data”, Item 4, is revised as indicated below to incorporate the increase of \$34,286.82 for this infrastructure upgrade:

4. TOTAL DELIVERY ORDER VALUE (through Mod No. 37)

Ordered Seats/Service Levels (Attachment A)	\$2,133,364.03
Catalog Actuals	\$87,819.69
Specialized Services	\$2,250.00
Infrastructure Upgrades	\$887,214.30
Sub-total	\$3,110,648.02
Less credits	(\$353.95)
Less retainage not earned	(\$13,356.31)
Sub-total	\$3,096,937.76
Seats/Service levels projected through 11/30/04	\$13,489,817.69
Total Estimated Delivery Order Value:	\$16,586,755.45

6. Part V “Technology Infusion (Infrastructure Upgrades)”, Item 2 is modified to include the subject infrastructure upgrades. The signed date and completion date will be completed in a future infrastructure upgrade modification.

Mod. No.	Description of Work	Date Signed	Completion Date	Modification Value
37	P203 2N11 00 PBX Upgrade in B1201 for NASA			\$7,806.91
37	P203 2N21 00 Rev 1 Install three 3-mail servers in B1201 for NASA			\$2,977.92
37	P203 2N04 00 Network Upgrade in B1201			\$23,501.99

7. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master Contract NAS5-98144, FAR 52.212-4: Commercial Items (May 1997) (Modified).
8. Reporting requirements: The contractor shall provide monthly status reports to the SSC Alternate DOCOTR, with a copy to the DOCO. These reports shall include, as a minimum, installation progress, and potential problem areas.
9. In consideration of the modification agreed to herein as complete equitable adjustment for the changes set forth, the Contractor hereby releases the Government from any and all liability under this delivery order for further equitable adjustments attributable to such facts or circumstances giving rise to these changes.
10. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.