

AMENDMENT/MODIFICATION NO. 66	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. 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
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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
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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)

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 accts, 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.

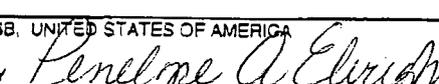
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Stennis Space Center — ODIN SERVICES

Technology Infrastructure: SWR PB00 C205 00; P203 2N25 00; WRSN 0069 00 Rev 1

Change in Delivery Order Price: \$9,701.83 (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) Lisa A. Nicholson Contracts Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Penelope A. Ebright Contracting Officer
15B. CONTRACTOR SIGNATURE  (Signature of person authorized to sign)	15C. DATE SIGNED 11-21-02
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 11/21/02

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 \$34,987.00.

SWR #	Subject	Amount
PB00 C205 00	Extend PRI from B1201 to B1100 Room 121A	\$1,540.49
P203 2N25 00	Network Expansion to B2204 for NASA	\$6,839.77
WRSN 0069 00 Rev 1	Correct Jack Labeling	\$1,321.57
	TOTAL	\$9,701.83

2. SWR PB00 C205 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 (1) T1AX circuit card in existing UMC1000 chassis in room 11128 in B1100 South and (1) T1AX circuit card in existing UMC1000 chassis in room 116 of B1201 and place cross connects to activate circuits as identified in OAO proposal dated October 7, 2002.

- a. The contractor shall perform the following tasks:

- (1) Install T1AX circuit card in existing UMC1000 chassis in room 116 of B1201.
- (2) Install (1) T1AX circuit card in existing UMC1000 chassis in room 11128 of B1100 South.
- (3) Place cross connect in room 116 of B1201 and room 11128 of B1100 South to extend circuit to room 121A of B1100 over a copper cable.
- (4) Re-terminate existing wiring on patch panel in room 121A that is presently terminated as one pair per jack to two pair per jack to accommodate new PRI and be able to patch to conference room 105L and to Joe Stinus office room 105F.
- (5) Test circuit from room 116 of B1201 to 121A of B1100.
- (6) Update cable records once this circuit is installed.

- b. The contractor shall provide the following material:

- (1) 2 each T1AX circuit card (0110-0009)

- c. Schedule: The completion of this effort shall be (2) two weeks after the receipt of a signed Modification.

3. SWR P203 2N25 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 (1) 6MM/6SM fiber cable from room 213 to room 229F and terminate in (1) LIU and install (1) wall mount equipment cabinet to be used for network hub as identified in OAO proposal dated August 1, 2002.

- a. The contractor shall perform the following tasks:
- (1) Install 6mm/6sm fiber cable from room 213 to room 229F.
 - (2) Install (2) LIU panels e/w (2) 10A panels and (6) multimode ST and (6) singlemode ST couplers in room 229F.
 - (3) Install (1) wall mount equipment cabinet e/w power strip and Plexiglas door with lock.
 - (4) Install (6) multimode ST and (6) singlemode ST couplers in (2) 1000ST panels in existing LGX panel in room 213.
 - (5) Install (1) $\frac{3}{4}$ " x 4' x 8' sheet of plywood in room 229F.
 - (6) Install (1) dual Cat5 jack in (1) singlegang faceplate e/w (2) blanks in room 229B.
 - (7) Install (1) 110 wiring block below the wall mount equipment cabinet and terminate the (2) Cat5 wires.
 - (8) Test and label fiber cable.
 - (9) Test and label Cat5 wiring.
- b. The contractor shall provide the following material:
- (1) 600 FT of 6mm/6sm Freedom cable (370-537-HYBRID-6/6)
 - (2) 24 each cool cure consumables (142172)
 - (3) 12 each P3020A-Z-125 singlemode ST connectors (157475)
 - (4) 12 each P2020C-C-125 multimode ST connectors (118974)
 - (5) 12 each C3000A-2 singlemode ST couplers (105263)
 - (6) 12 each C2000A multimode ST couplers (088987)
 - (7) 10 each Velcro ties
 - (8) 2 each IMO II PCB blank (148027)
 - (9) 2 each Avaya 10A panels (088980)
 - (10) 2 each Avaya 100A LIU (146050)
 - (11) 2 each 3-meter duplex ST/ST multimode fiber jumper (129351)
 - (12) 2 each 110C-4 connector for 110 wiring block (073039)
 - (13) 2 each 1000ST panels for LGX (106820)
 - (14) 1 each wall mount cabinet (GL24WS) Great Lakes (195127)
 - (15) 1 each Plexiglas door with lock (24WS-02)
 - (16) 1 each IMO II PCB singlegang faceplate (148025)
 - (17) 1 each IMO II PCB dual T568A Cat5 jack (148034)
 - (18) 1 each Caddy faceplate clip (157703)
 - (19) 1 each 6-position power strip (214165)
 - (20) 1 sheet of $\frac{3}{4}$ " x 4' x 8' of plywood
 - (21) 1 each 110AW2-100 wiring block (154069)
- c. Schedule: The completion of this effort shall be (3) three weeks after the receipt of a signed Modification.

4. SWR WRSN 0069 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 correct the jack labeling in the new addition of B1002 that was installed to NAVO standards by another contractor but not adhere to NASA standards as identified in OAO proposal dated October 18, 2002.

- a. The contractor shall perform the following tasks:
 - (1) Correct jack labeling in new addition of B1002 to NASA standards.
- b. The contractor shall provide the following material:
 - (1) 1 pack of Panduit labels (EFPT-1)
- c. Schedule: The completion of this effort shall be (2) two weeks after the receipt of a signed Modification.

3. Part II "Contract Administration Data", Item 4, is revised as indicated below to incorporate the increase of \$9,701.83 for these infrastructure upgrades:

4. TOTAL DELIVERY ORDER VALUE (through Mod No. 66)

Ordered Seats and Services	\$ 4,003,454.92
Catalog Actuals	\$ 245,587.54
Specialized Services Actuals	\$ 3,450.00
Infrastructure upgrades	\$ 1,214,635.57
Subtotal	\$ 5,467,128.03
Less credits	\$ (2,241.46)
Less retainage not earned	\$ (39,425.60)
Subtotal	\$ 5,425,460.97
Seats/service levels projected through 11/30/04	\$ 11,769,042.98
Total Estimated Delivery Order Value	\$ 17,194,503.95

4. 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
66	PB00 C205 Extend PRI from B1201 to B1100 Room 121A			\$1,540.49
66	P203 2N25 00 Network Expansion to B2204 for NASA			\$6,839.77
66	WRSN 0069 00 Rev 1 Correct Jack Labeling			\$1,321.57

5. 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).

6. 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.
7. 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.
8. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.