

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES

1 6

2. AMENDMENT/MODIFICATION NO.

39

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)

OA0 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 XGHX 2492 00, XGHX 2493 00, XGHX 2494 00, 10AF 2N33 00

Change in Delivery Order Price: \$83,095.81 (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)

Director of Contracts
Bonnie Brandon

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

Penelope A. Ebright
Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED
7/11/02

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

Bonnie L. Brandon

BY *Penelope A. Ebright*

7/16/02

(Signature of person authorized to sign)

(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 \$83,095.81.

SWR #	Subject	Amount
XGHX 2492 00	Cable Plant Expansion to Pump & Treat building behind B2207 for NASA	\$ 4,362.76
XGHX 2493 00	Cable Plant Expansion to Pump & Treat building behind B2411 for NASA	\$ 4,438.22
XGHX 2494 00	Cable Plant Expansion to Pump & Treat building behind B3307 for NASA	\$ 3,457.27
10AF 2N33 00	Cable Plant Expansion to B1201 to B3204 and to B2310 in Support of Security Cameras for NASA	\$70,837.56
	TOTAL	\$83,095.81

2. SWR XGHX 2492 00

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cablings and equipment installation) and materials necessary to install cable and telephone jacks at new Pump and Treat building for NASA as identified in OAO proposal dated May 15, 2002.

- a. The contractor, in conjunction with its subcontractor, shall perform the following tasks:
 - 1) Trench from existing pedestal near B2207 to new Pump & Treat building.
 - 2) Install (1) 1" electrical conduit at pedestal for 5-pair buried service wire to get into building.
 - 3) Install (1) 5-pair buried service wire from pedestal to new Pump & Treat building.
 - 4) Install (1) 6-pair protector at each building and ground to an approved ground.
 - 5) Terminate 6-pair wire on 6-pair protector at new Pump & Treat building and pedestal.
 - 6) Install (1) 4-pair level 3 wire to jack locations. (1 for phone and 1 for EMCS dial up circuit)
 - 7) Install (1) wall mount jack for telephone.
 - 8) Install (1) surface mount jack for the EMCS dial up circuit.
 - 9) Test and label jacks.

- b. The contractor shall perform the following task:
 - 1) Place cross connects to activate jacks once OWEB orders are received from NASA.

- c. The contractor shall provide the following material:
 - 1) 300 FT of 4-pair level 3 PVC wire (CM-00424BAG-3U)
 - 2) 300 FT of 5-pair buried service wire (F-05P22DAF)
 - 3) 40 FT of # 6 ground wire (1A-0601)
 - 4) 2 each 6-pair station protectors
 - 5) 1 each surface mount RJ11 jack (105648)
 - 6) 1 each wall mount RJ11 jack (126261)
 - 7) 1 each 10 FT 1" electrical conduit

- b. Schedule: The completion of this effort shall be (8) eight weeks after the receipt of a signed Modification.

3. SWR XGHX 2493 00

The contractor, in conjunction with its subcontractor, shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cablng and equipment installation) and materials necessary to install cable and telephone jacks at new Pump and Treat building for NASA.as identified in OAO proposal dated May 15, 2002.

- a. The contractor, with its subcontractor, shall perform the following tasks:
 - 1) Install (1) 6-pair aerial cable from existing pole at the entrance of the Cypress House to the Pump & Treat building.
 - 2) Install (1) 6-pair protector at Pump & Treat building and ground to an approved ground.
 - 3) Terminate 6-pair wire on 6-pair protector at new Pump & Treat building.
 - 4) Splice 6-pair wire to existing aerial cable.
 - 5) Install (1) 4-pair level 3 wire to jack locations. (1 for phone and 1 for EMCS dial up circuit)
 - 6) Install (1) wall mount jack for telephone.
 - 7) Install (1) surface mount jack for the EMCS dial up circuit.
 - 8) Test and label jacks.
- b. The contractor shall perform the following task:
 - 1) Install L-POTS and R-POTS circuit cards in UMC chassis at B2436
 - 2) Place cross connects to activate jacks once OWEB orders are received from NASA.
- c. The contractor shall provide the following material:
 - 1) 600 FT of 6-pair aerial multi-drop (F06P19AAF)
 - 2) 300 FT of 4-pair level 3 PVC wire (CM-00424BAG-3U)
 - 3) 20 FT of # 6 ground wire (1A-0601)
 - 4) 8 each 109 wirevise (003302)
 - 5) 7 each J-hooks (003888)
 - 6) 1 each 6-pair station protectors
 - 7) 1 each surface mount RJ11 jack (105648)
 - 8) 1 each wall mount RJ11 jack (126261)
 - 9) 1 each L-POTS circuit card (0110-0148) (Local Plain Old Telephone Service card)
 - 10) 1 each R-POTS circuit card (0110-0150) (Remote Plain Old Telephone Service card)
- d. Schedule: The completion of this effort shall be (10) ten weeks after the receipt of a signed Modification.

4. SWR XGHX 2494 00

The contractor, in conjunction with its subcontractor, shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cablng and equipment installation) and materials necessary to install cable and telephone jacks at new Pump and Treat building for NASA. as identified in OAO proposal dated May 15, 2002.

- a. The contractor, in conjunction with its subcontractor, shall perform the following tasks:
 - 1) Trench from B3307 to new Pump & Treat building.
 - 2) Install (1) 1" electrical LB and conduit at B3307 for 5-pair buried service wire to get into building.
 - 3) Install (1) 5-pair buried service wire from B3307 to new Pump & Treat building.
 - 4) Install (1) 6-pair protector at each building and ground to an approved ground.
 - 5) Terminate 6-pair wire on 6-pair protector at each building.
 - 6) Install (1) 4-pair level 3 wire to jack locations. (1 for phone and 1 for EMCS dial up circuit)
 - 7) Install (1) wall mount jack for telephone.
 - 8) Install (1) surface mount jack for the EMCS dial up circuit.
 - 9) Test and label jacks.
- b. The contractor shall provide the following material:
 - 1) 300 FT of 4-pair level 3 PVC wire (CM-00424BAG-3U)
 - 2) 120 FT of 5-pair buried service wire (F-05P22DAF)
 - 3) 40 FT of # 6 ground wire (1A-0601)
 - 4) 1 each surface mount RJ11 jack (105648)
 - 5) 1 each wall mount RJ11 jack (126261)
 - 6) 1 each 1" electrical LB & 1" conduit
 - 7) 2 each 6-pair station protector
- c. The contractor shall perform the following task:
 - 1) Place cross connects to activate jacks once OWEB orders are received from NASA.
- c. Schedule: The completion of this effort shall be (4) four weeks after the receipt of a signed Modification.

5. **SWR 10AF 2N33 00**

The contractor, in conjunction with its subcontractor, 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 24/24-fiber cable from B1201 to B2310 in support of security cameras at Bascule Bridge for NASA.as identified in OAO proposal dated May 22, 2002.

- a. The contractor, in conjunction with its subcontractor, shall perform the following tasks:
 - 1) Install (1) 24/24-fiber cable from room 116 in B1201 to room 101 in B3204.
 - 2) Install (1) 24/24-fiber cable from room 101 in B3204 to room 103 in B2310.
 - 3) Install (1) LGX panel e/w 1000ST panels and C2000A-2 ST couplers in room 116 of B1201.
 - 4) Install (2) 400A1 LIU e/w 1000ST panels and C2000A-2 couplers in room 101 of B3204.
 - 5) Install (1) 400A1 LIU e/w 1000ST panels and C2000A-2 couplers in room 103 of B2310.
 - 6) Terminate 24 multimode fiber strands into P2030C ST connectors in room 116 of B1201.
 - 7) Terminate 48 multimode fiber strands into P2030C ST connectors in room 101 of B3204.

- 8) Terminate 24 multimode fiber strands into P2030C ST connectors in room 103 of B2310.
- 9) Terminate 24 singlemode fiber strands into P3020C ST connectors in room 116 of B1201.
- 10) Terminate 48 singlemode fiber strands into P3020C ST connectors in room 101 of B3204.
- 11) Terminate 24 singlemode fiber strands into P3020C ST connectors in room 103 of B2310.
- 12) Test fiber from B3204 to B1201 and to B2310.

b. The contractor shall provide the following materials:

- 1) 12,421 FT of 24/24 fiber cable (048-XW4-AK5738A20)
- 2) 192 each cool consumables (142172)
- 3) 96 each P3020C-Z-125 ST singlemode connector (157475)
- 4) 96 each P2020C-C-125 ST multimode connector (118974)
- 5) 96 each C3000A-2 singlemode couplers (105263)
- 6) 96 each C2000A-2 multimode couplers (088987)
- 7) 3 each 400A1 LIU (134144)
- 8) 3 each 1000ST panels for LGX (106730)
- 9) 1 each LST1U-072/7 termination shelf (106722)

c. Schedule: The completion of this effort shall be (6) six weeks after the receipt of a signed Modification.

6. Part II "Contract Administration Data", Item 4, is revised as indicated below to incorporate the increase of \$83,105.70 for these infrastructure upgrades:

4. TOTAL DELIVERY ORDER VALUE (through Mod No. 39)

Ordered Seats/Service Levels (Attachment A)	\$2,133,364.03
Catalog Actuals	\$87,819.69
Specialized Services	\$2,250.00
Infrastructure Upgrades	\$979,895.79
Sub-total	\$3,203,329.51
Less credits	(\$353.95)
Less retainage not earned	(\$13,356.31)
Sub-total	\$3,189,619.25
Seats/Service levels projected through 11/30/04	\$13,489,817.69
Total Estimated Delivery Order Value:	\$16,679,436.94

7. 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
39	XGHX 2492 00 Cable Plant Expansion to Pump & Treat building behind B2207 for NASA			\$4,362.76
39	XGHX 2493 00 Cable Plant Expansion to Pump & Treat building behind 2411 for NASA			\$4,438.22
39	XGHX 2494 00 Cable Plant Expansion to Pump & Treat building behind B3307 for NASA			\$3,457.27
39	10AF 2N33 00 Cable Plant Expansion to B1201 to B3204 and to B2310 in Support of Security Cameras for NASA			\$70,837.56

8. 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).
9. 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.
10. 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.
11. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.