AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
34	See Block 16C		

SUED 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

CODE FACILITY CODE

(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

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, [X] 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 **NJ00 F2BV 00**

Change in Delivery Order Price: $1,039.05 (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)*	16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Director of Contracts Bonnie L. Brandon	Penelope A. Ebright Delivery Order Contracting Officer

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	5/3/02	BY Penelope A Ebright *(Signature of Contracting Officer)*	5-16-02

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

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 $1,039.05

SWR #	Subject	Amount
NJ00 F2BV 00	Cable Plant expansion in B1002 for NAVOCEANO	$1,039.05

2. 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) 24-strand red armored cable from room 117 of B4010 to B4007, B4050 and B4075 using existing cable tray; install fiber from LIU in each of these buildings to the ALS and MBC panels within each of the buildings which will be used for Fire Alarm and EMCS:

   a. The following tasks shall be performed by the contractor:
      1) Install (2) Cat5 red wires from room 128 to room 204A.
      2) Install (1) singlegang faceplate e/w (1) dual T568B jack in room 204A.
      3) Terminate (2) Cat5 red wires in room 128 on existing 110 jack panels.
      4) Terminate (2) Cat5 red wires in room 204A on new dual Cat5 jacks.
      5) Test and label wiring at both ends.

   b. The following materials shall be provided by the contractor in the completion of this effort:
      1) 500 FT Belden Plenum Cat5 wire (CMP-00424BEL-5U-03) Red
      2) 2 each IMO II PCB blank (148027)
      3) 1 each IMO II PCB singlegang faceplate (148025)
      4) 1 each IMO II PCB dual T568B Cat5 jack (148031)

3. Schedule: The completion of this effort shall be (14) fourteen weeks after the receipt of a signed Modification.

4. Part II "Contract Administration Data", Item 4, is revised as indicated below to incorporate the increase of $1,039.05 for this infrastructure upgrade:

4. <u>TOTAL DELIVERY ORDER VALUE</u> (through Mod No. 34)

Ordered Seats/Service Levels (Attachment A)	$1,773,716.12
Catalog Actuals	$87,819.69
Specialized Services	$2,250.00
Infrastructure Upgrades	$852,927.4/
Sub-total	$2,716,713.29
Less credits	($353.95)
Less retainage not earned	($13,356.31)
Sub-total	$2,703,003.03
Seats/Service levels projected through 11/30/04	$13,441,909.83
Total Estimated Delivery Order Value:	**$16,144,912.86**

6. Part V "Technology Infusion (Infrastructure Upgrades)", Item 2 is modified to include the subject infrastructure upgrade. 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
2	XJCS R491 00 Cable Plant Expansion at PTMC Construction Site for NASA	12/21/01		$2,603.05
6	PB00 C202 00 Cable Plant Expansion in B1100 for NOAA	12/28/01		$11,250.16
9	NJ00 F21AY 00 Rev 1 Cable Plant Expansion in B1002 for NAVOCEANO	2/8/02		$47,597.63
9	NJ00 F21AY 01 Cable Plant Expansion in B1002 for NAVOCEANO	2/8/02		$25,153.48
13	P203-2SWH-00 Support of PBX System Upgrade	2/21/02		($23,500)
17	XJCS B491 00 Cable Plant Expansion to GM&R trailer located at PTD building site	3/18/02		$2,341.24
18	WS00 PAA2 00 Cable Plant Expansion in B1009 for NRLDET	3/18/02		$2,673.99
18	NM00 2R50 00 Cable Plant Expansion inB1100 South for CNMOC	3/18/02		$2,128.14
18	P203 2N03 00 Network Expansion in B1201 for NASA	3/18/02		$3,298.44
18	P203 N13 00 Network Upgrade to Provide External Access via Internet Connection and Center-Center VPN Communication	3/18/02		$4,893.72
18	85FH GV20 B0 Rev 1 Cable Plant Expansion to Siemens trailer located in Technology Trailer Park	3/18/02		$1,620.05
20	SWRWRSN 0052 WF Cable Plant Expansion from B1201 to New Addition of B1002	3/25/02		$26,895.07
20	SWR P205 2N07 00 Email Virus Upgrade in B1201 for the SSC Network	3/25/02		$7,257.88
20	SWR WS00 PAB2 00 Cable Plant expansion in B1009 for NRLDET	3/25/02		$2,411.20
21	SWR P203 2N19 00 Network Expansion at B1201 and B1110 for NASA	3/25/02		$4,327.03
21	SWR P203 2N05 00 Network Expansion to SSC Backbone	3/25/02		$8,238.60
21	SWR P205 2N01 11 Network Expansion to Several Buildings on Site	3/25/02		$22,927.10
22	LS01 4700 06 Rev 1 Fiber Cable Plant Expansion to new PTMC building for LMCO	3/25/02		$24,188.34
22	LS01 4700 08 Rev 1 Data Network Expansion from B1201 to new PTMC building	3/25/02		$22,024.72
22	P203 2N07 00 Cable Plant Expansion and Network Expansion to B2119 for NASA	3/25/02		$11,692.93
23	WRSN 0054 WF Cable Plant Expansion in new addition of B1002 for NAVOCEANO	3/25/02		$441,204.13
24	XJCN 2592 00 Cable Plant Expansion to Laughlin trailer next to B8201 for NASA	4/10/02		$3,040.38

Mod. No.	Description of Work	Date Signed	Completion Date	Modification Value
25	LS01 4700 07 Rev 3 Install Cat5 wiring, backbone cabling and fiber cabling in PTMC building	4/3/02		108,783.69
28	EAEB 2n30 00 Network Expansion for F-wing of B11095 for NASA	4/29/02		2,603.73
28	NJ00 F2BT 00 Cable Plant Expansion in B8100 for NAVOCEANO	4/29/02		2,935.56
29	NA00 0208 00 Telephone Expansion to Special Operations Facility (SOF) area using VoIP technology	4/22/02		25,658.89
32	XK29 2191 00 Cable Plant expansion from B4010 to B4007, B4050 and B4075			57,639.28
34	NJ00 F2BV 00 Cable Plant expansion in B1002 for NAVOCEANO			$1,039.05
Total Dollar Value of Incorporated Infrastructure Modifications				**$852,927.48**

7. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master ContractNAS5-98144, 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.