

AMENDMENT/MODIFICATION NO. 33	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office – ODIN –OP-MS-B Kennedy Space Center, FL 32899	7. ADMINISTERED BY (If other than Item 6)
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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/CC90300B
		10B. DATED (SEE ITEM 13) December 1, 2001

CODE	FACILITY CODE
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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)

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

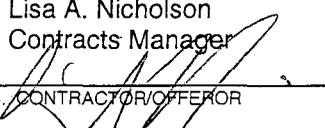
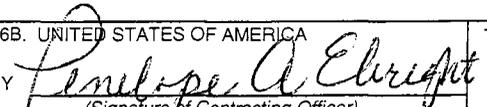
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

KENNEDY SPACE CENTER --- ODIN SERVICES

Subject: Infrastructure Upgrade – Telephone Expansion in OPF 1& 2 and OPF 3

Change in Delivery Order Price: \$134,168.03 (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/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 09-27-02
16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 10/2/02

1. This modification incorporates the infrastructure upgrade effort necessary to provide the expansion of telephone service capability in the Orbiter Processing Facility (OPF) 1 & 2 (Building K6-894) and OPF 3 (Building K6-696) as referenced in the Contractor's proposal dated June 14, 2002, updated July 30, 2002, at an increase of \$134,168.03 in the firm fixed price.
2. The contractor, and subcontractor as applicable, shall provide the labor, including, but not limited to, installation, activation, sustaining engineering, operations and maintenance of equipment and the materials necessary to expand the capability in OPF 1 & 2 to accommodate 48 analog ports and in OPF 3 to accommodate 48 analog ports plus an additional 128 analog ports for all the OPFs.
 - a. OSB SmartRemote (RSU). Install one new LTG (K) frame in the existing rack (010202) which currently houses the RTI. The LTGs are required to support the DLUs to be added to the RCUs at OPF 1, 2 and 3. Tasks included in this effort are:
 - i. Running and connecting power cable for the LTG frame
 - ii. Running and connecting signal cables for LTG frames
 - iii. Hot slide of the RTI rack into its permanent position in the line-up
 - iv. Mounting of end panels and doors on the RTI cabinet
 - b. OPF 1 & 2 RCU. Install one new DLU (G) frame in existing DLUB rack. Tasks included in this effort are:
 - i. Running and connecting power cable for the DLU frame
 - ii. Running and connecting signal cables for DLU frames
 - iii. Mounting/labeling of SEN supplied line blocks at the MDF
 - iv. Provisioning and activation of associated LTG equipment at OSB RSU
 - c. OPF 3 RCU. Install one new DLU (G) frame in existing DLUB rack. Tasks included in this effort are:
 - i. Running and connecting power cable for the DLU frame
 - ii. Running and connecting signal cables for DLU frames
 - iii. Mounting/labeling of SEN supplied line blocks at the MDF
 - iv. Provisioning and activation of associated LTG equipment at OSB RSU
3. The contractor shall provide an Implementation Plan to the DOCOTR no later than two weeks following contract award.
4. The Contractor shall complete this effort no later than eight (8) weeks following contract award.

5. Delivery Order Part II, Item 4 is revised to include the increase of \$134,168.03 for this infrastructure upgrade:

4. TOTAL DELIVERY ORDER VALUE (through Mod No. 33):

Ordered Seats/Service Levels (Attachment A)	\$7,071,890.71
Catalog Services	\$471,098.22
Specialized Services	\$5,400.00
Infrastructure Upgrades	\$907,108.72
Sub-total	\$ 8,455,497.65
Less credits	(\$84,412.53)
Less retainage not earned	(\$17,409.54)
Sub-total	\$8,353,675.58
Seats/Service levels projected through 11/30/04	\$20,997,660.42
Catalog projections	\$3,728,901.78
Estimated Specialized Services	\$44,600.00
Total Estimated Delivery Order Value:	\$33,124,837.78

6. Delivery Order Part V “Technology Infusion (Infrastructure Upgrades)”, Item 2 is modified to include subject infrastructure upgrade.

Mod. No.	Description Of Work	Date Signed	Completion Date	Modification Value
33	Telephone Expansion in OPF 1 & 2 and OPF 3			\$134,168.03

7. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master Contract NAS5-098144, FAR 52.212-4: Commercial Items (May 1997) (Modified).
8. Reporting Requirements: The contractor shall provide monthly status reports to the KSC 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 adjustment attributable to such fact or circumstances giving rise to these changes.
10. All other terms and conditions remain unchanged.