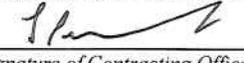


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 5
2. AMENDMENT/MODIFICATION NO. A005	3. EFFECTIVE DATE 5/31/2013	4. REQUISITION/PURCHASE REQ. NO.PR2189163/2197696/2189137/2188694	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. American Embassy Al Kindi Street International Zone Baghdad, Iraq	CODE	7. ADMINISTERED BY (If other than Item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (NO., street, city, county, State, and ZIP Code)		X	9a. AMENDMENT OF SOLICITATION NO. SIZ100-13-R-0011
			9b. DATED (SEE ITEM 11) April 1, 2013
			10a. MODIFICATION OF CONTRACT/ORDER NO.
			10b. DATED (SEE ITEM 13)
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> 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 <u>1</u> 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 ACKNOWLEDGMENT 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)			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:			
D. OTHER (Specify type of modification and authority)			
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return <u> </u> copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)			
<p>The purpose of this amendment is to make the following changes:</p> <p>(See next pages).</p> <p>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.</p>			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME OF CONTRACTING OFFICER Stan Parmentier	
15B. NAME OF CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
BY _____ (Signature of person authorized to sign)		BY  (Signature of Contracting Officer)	May 31, 2013

2. Schedule of Supplies/Services, Block 20, Description/Specifications/Work Statement, Section I. Scope of Work, Item 6, is deleted and substituted to read as follows:

6. Circuit Size of 10Mbps Dedicated Full-Duplex Point-to-Point Layer-2 Fiber Optic Connection – at Baghdad Diplomatic Support Center, address: Baghdad International Airport, +268 2404 6441, Contract Line Item No. 0006, Section 1, Block 23, Prices, V. Prices, under paragraphs 4 and 5, for Circuit Size of 10 Mbps Dedicated Full-Duplex Point-to-Point Fiber Optic Connection

- General: The U.S. American Embassy is currently in the process of increasing its technology and infrastructure to better support its network. The U.S. American Embassy needs high-speed fiber optic connectivity at its premises to support both voice and data applications. The objective of this contract is to provide reliable, redundant fiber optic network paths, between the U.S. Embassy in Baghdad and Baghdad Diplomatic Support Center (BDSC) located at the Baghdad International Airport.
- The contractor shall use the following technical specifications:
 - (a) The contractor shall provide circuit connectivity from their main distribution frame to the Embassy's demarcation point. The contractor shall also provide all of the necessary equipment and installers to the Embassy's demarcation point.
 - (b) In order to achieve high quality performance, the below shall be met by the contractor:
 - i. Latency ≤ 10 ms, Packet Loss $\leq .1\%$ and availability of 99.7%
 - ii. ~~/28 subnet static Public IP addresses (total to be determined) for VPN equipment, network mask, and default gateway IP address.~~
 - iii. ISP interface connectors: Fiber Optic interface preferred or as agreed upon by the mission IM Representatives and contractor.
 - iv. ISP availability: "Always on"
 - v. ISP connection shall NOT use Network Address Translation (NAT).
 - vi. ISP shall permit all IP protocols (including but not limited to UDP, TCP, and IPSEC) to transit without filters or proxies.
 - vii. ~~Unfiltered access to the Internet is required without ISP firewall blocking.~~
 - viii. ISP shall permit installation of Customer VPN encryption devices on circuit.
 - ix. ISP shall permit ping and trace route traffic (Fiber Optic interface or other agreed upon interfaces which terminate Customer VPN encryption devices).
 - (c) Contractor approach of network paths to the Embassy's Red Compound Access Control (CAC) demarcation point.
 - i. Existing Single mode, direct burial, fiber optic cable (using the IZFN) is required.
 - ii. The link will enter the Embassy's compound via the Embassy's Red Compound Access Control (CAC) demarcation point and tested.
 - iii. Where contractor routers are provided, the contractor is responsible for replacement and normal upgrade of that equipment.
 - iv. The Embassy shall be responsible for connecting the path from the demarcation point to subsequent points on their networks.
 - (d) Contractor approach of network paths to the BDSC demarcation point (GPS: N 33 15.895 E 44 12.715 d.).
 - i. Existing Single mode, direct burial, fiber optic cable
 - ii. The link will be terminated in an equipment room (ITN1) that services BDSC
 - iii. Where contractor equipment is provided, the contractor is responsible for replacement and normal upgrade of that equipment

iv. The Embassy shall be responsible for connecting the path from the two demarcation points to subsequent points on their networks

- PROJECT PLAN AND DELIVERABLES

The contractor shall provide technical reports, documentation and deliverables in written and electronic format and shall provide monthly written progress reporting. All tasks below shall be completed and all circuits shall be fully operational to begin this contract.

Task 1: Link physical connection to the Embassy

The contractor shall:

- a) Develop a project proposal
- b) Review project expectations for bandwidth and latency
- c) Provide a schedule for deliverables

(a) Task 1 Deliverables

- (1) Connect fiber optical cabling between the BDSC demarcation (GPS: N 33 15.895 E 44 12.715)
- (2) to contractor Layer-2 hardware located in the Red CAC demarcation point.
- (3) Provide the Embassy with the manufacturer, model, and technical specifications of all contractor routers and equipment that will be located in the Embassy's Red CAC and BDSC demarcation points.

Task 2: Usability Analysis, Testing, & Review Session

The contractor shall perform regular diagnostic usability tests of the fiber optic cable and provide test results to a designated Embassy representative for review.

(a) Task 2 Deliverables

The Contractor shall:

- (1) develop a usability testing plan
- (2) provide a written usability testing report of findings
- (3) provide presentation, with accompanying graphs, of findings based on usability testing report

- An Invoice, suitable for payment, shall contain, but not limited to, the following information:
 - a. Name of Contractor;
 - b. Date of Invoice;
 - c. Original Invoice Number (Consecutive numbers);
 - d. Contract number;
 - e. Task or Delivery Order number, as applicable;
 - f. Government Specific Accounting and Appropriation Data (Funding Cite.) (example: 19X0113-2015-X75041-180100-5327-2332);
 - g. Contract Line Item Number (CLIN) of item or service provided;
 - h. Description of the item, or service actually provided;
 - i. Period of performance of service or date item is provided;
 - j. Block/Space reserved for COR acceptance signature and date;
 - k. Signature, Name and Phone number of Company representative authorized to sign invoices;
 - l. Remit to address

- m. Name, phone number and Mailing address to whom any disputed invoices should be addressed;
- n. Credits with explanation and period covered.

Failure to submit Invoices which do not identify this information shall be returned without payment to the Contractor for correction.

- Authorized Instruction to Contractor
 - a) No person or agency other than the Contracting Officer (CO) is authorized to give instruction, orders or directions on behalf of the Government to the Contractor or his employees, unless such person or agency is authorized in writing by the CO to so act. The authority of such person or agency is strictly limited to the written authorization provided by the CO. The duty is upon the Contractor to determine the authority of such person or agency. Any questions regarding the authority of such person or agency should be directed to the CO in writing.
 - b) Contracting Officer's Representative (COR): The CO may designate and authorize a representative(s) to act on his/her behalf under this contract. Such representative(s) as may be appointed shall be designated by a letter from the CO and a copy of the letter shall be given to the Contractor. The COR shall represent the CO as specified in his/her delegation of authority letter. The COR shall not be authorized to issue change orders or adjustments. Changes in the Scope of Work/Specifications or any increase or decrease in the work called for by this contract shall be made by the CO by an executed modification to this contract.
- Government-Furnished Equipment (GFE): Reserved
- Release of Information
 - a) The Contractor's organization shall clear with the Information Office listed below any public release of information on this contract. This information includes news stories, articles, sales literature, advertisements, radio-TV spots, etc.
 - b) The request for public release of information should be addressed to: The Information Management Officer, U.S. Embassy Al Kindi Street International Zone, Baghdad in Iraq
 - c) Limited Use of Data and Information. Performance of this contract may require the contractor to access and use data and information proprietary to the Government agency or agency personnel, or which is of such a nature that its dissemination or use, other than in performance of this contract would be adverse to the interests of the Government or others. The Contractor and Contractor personnel shall not divulge or release data or information developed or obtained in performance of this contract, until made public by the Government, except to the authorized Government personnel or upon written approval of the Contracting Officer. The Contractor will not use, disclose, or reproduce proprietary data which bears a restrictive legend, other than as required in the performance of this contract. Nothing herein shall preclude the use of any data independently acquired by the Contractor without such limitations or prohibit an agreement at no costs to the Government between the Contractor and the data owner provides for greater rights to the Contractor.

Trouble Escalation Procedure

- a) The Government shall refer the problem to the carrier after performing tests as prescribed in the Trouble Analysis procedure. Obtain the name of the carrier test person and a carrier ticket number; record this information on the Government's Remedy Ticket.
- b) After the trouble has been referred to the carrier for two (2) hours, recall the carrier for an update on the current trouble. Record the carrier's response, the name of the individual you talked with, and the carrier ticket number on the Remedy Ticket.

- c) After the trouble has been referred to the carrier for four (4) hours, recall the carrier for an update on the current trouble. If the carrier's response is not satisfactory escalate the trouble to the carrier's management. Record the carrier's response, the name of the individual you talked with, and the carrier ticket number on the Remedy Ticket.
- d) After the trouble has been referred to the contractor for six (6) hours the COR shall escalate the trouble to the contractor's manager; also notify IRM/IMO and the Contracting Officer and the STATE IRM/ISC Office. Record the contractor's response, the name of the individual you talked with, the contractor ticket number, and the names of the IRM managers that were notified on the Remedy Ticket.
- e) Continue to status the contractor for the remainder of the outage or until you have received a problem resolved status.