

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE QP0022174	PAGE OF PAGES 1   5
2. AMENDMENT/MODIFICATION NO. P00157	3. EFFECTIVE DATE See Block 16B	4. REQUISITION/PURCHASE REQ. NO. PR201707210007	5. PROJECT NO. (If applicable)
6. ISSUED BY General Services Administration/FAS/ITC Office of Acquisition Operations 1800 F Street, NW, 3rd Floor Washington DC 20405 Andrea Lane 703-306-6825		7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR Manhattan Telecommunications 55 Water Street, 32 <sup>nd</sup> Floor New York, NY. 10041		(I)	9A. AMENDMENT OF SOLICITATION NO.
			9B. DATED (SEE ITEM 11)
		X	10A. MODIFICATION OF CONTRACT/ORDER NO. GS00Q17NSD3007
			10B. DATED (SEE ITEM 13) 7/31/2017
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 electronic communication 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 DATA 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 letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A


**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(D)	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: <b>Mutual Agreement of Both Parties (FAR 43.103(a)(3))</b> 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.)

SEE CONTINUATION PAGES

15A. NAME AND TITLE OF SIGNER (Type or print) Andoni Economou, COO/EVP		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Andrea Lane Contracting Officer	
15B. CONTRACTOR/OFFEROR 	15C. DATE SIGNED 11/26/19	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED

The purpose of this modification is to:

- a. Remove references to a previously deleted deliverable requirement.
- b. Provide a mechanism for the submission of very large Service Order Completion Notices (SOCNs).

2. The contract is modified as follows:

**TABLE OF CONTENTS:** Section pages renumbered.

**SECTION C CHANGES:**

**C.2.8.4.5.4 System Security Plan (SSP)**

Item 18, is modified to delete the last sentence reading: "The contractor shall provide a Continuous Monitoring Plan for the information system with the initial security A&A package to include annual updates. (Reference: NIST SP 800-53 R4: CA-7)."

**SECTION G CHANGES:**

**G.5.6.4 BSS System Security Plan (BSS SSP)**

Item 16, is modified to delete the last sentence reading: "The contractor shall provide a Continuous Monitoring Plan for the information system with the initial security A&A package to include annual updates. (Reference: NIST SP 800-53 R4: CA-7)."

**SECTION J CHANGES:**

1. Section J.2.4.2.1 is modified to insert a sub-bullet under item 9 reading: "The contractor may submit a fragmentary SOCN as described in Section J.2.10.1.4."
2. Section J.2.10.1.1.2.2, item 3 is modified to insert "other than regional CLIN bundling (see Section B.1.2.12.2)" after the first comma and to insert a sub-bullet reading: "For regional CLIN bundles, the contractor shall assign a UBI to the base regional TUC but shall not assign UBIs to the component CLINs".
3. Section J.2.10.1.3.3.1 is modified to replace the attachment. The new attachment contains a new XSD for the SOCN to include the new data elements `socn_fragment_sequence_number` and `socn_fragment_count`. All other files within the attachment are unchanged.
4. Section J.2.10.1.3.3.2 is modified to replace the attachment. The new attachment contains a new WSDL for the SOCN to include the new data elements `socn_fragment_sequence_number` and `socn_fragment_count`. All other files within the attachment are unchanged.

5. The contract is modified to insert a new section numbered J.2.10.1.4, titled "Large SOCN Submission", reading as follows:

#### J.2.10.1.4 Large SOCN Submission

For security purposes, GSA has established a limit to the size of XML documents submitted to Conexus via web services. The initial size limit is 20 megabytes (MB). This size limit may change during the life of the contract based on operational performance, technological changes, updated NIST guidance, or other factors. The GSA CO will

provide the contractor with notice of any changes to the size limit at least 30 days prior to the effective date of the new limit. A contract modification will not be issued for such changes.

The contractor shall not submit XML documents over web services larger than this limit. While this limit is not expected to be problematic for most deliverables submitted via XML over web services, there is some risk that a single order can result in an oversized SOCN.

In the event that a single order results in a SOCN larger than that allowed by GSA's size limit, or any other limit imposed by contractor or customer requirements, the contractor may mitigate the problem by either of the following approaches:

- Split the order into suborders as described in Section J.2.4.1.9
- Submit the SOCN as a series of fragments as described in Section J.2.10.1.4.1

6. The contract is modified to insert a new section numbered J.2.10.1.4.1, titled "Fragmentary SOCN Submission", reading as follows:

#### J.2.10.1.4.1 Fragmentary SOCN Submission

Note: The submission of fragmentary SOCNs is an option created to allow contractors to more easily meet EIS requirements. Provided they can meet the XML over web services size limitation in all cases (see Section J.2.10.1.4), the contractor is not required to implement or use this process.

In addition to the applicable ordering process requirements defined in Section J.2.4, when submitting fragmentary SOCNs, the contractor shall:

- Populate the data element `socn_fragment_sequence_number` with the fragment number (numbering the first fragment "1" and incrementing by one for each subsequent fragment)
- Populate the data element `socn_fragment_count` with the total number of fragments
- Ensure all values for data elements in the header and footer sections of the XML document are the same for all fragments with the exception of the `socn_fragment_sequence_number`

- Submit the fragments in sequence based on the `socn_fragment_sequence_number`
  - Resubmit all fragments if it becomes necessary to resubmit the SOCN for any reason (e.g., error-correction, transmission issues, etc.)
    - Use the same `data_transaction_sequence_number` if restarting before submission of all fragments
    - Use a new `data_transaction_sequence_number` if resubmitting after submission of all fragments; note that this sub-case must comply with the requirements in Sections G.3.3.1.4 and J.2.2.2
7. Section J.2.10.2.1.18 is modified to insert a new paragraph after the statement “Data Transaction Code: SOCN” reading: “See also: Section J.2.10.1.4 Large SOCN Submission”
8. Section J.2.10.2.1.18 is modified to insert two new rows in the table after `service_order_completion_date`:
- First New Row
    - Element Name: `socn_fragment_sequence_number`
    - Unique Value Level: Data Set
    - Value Requirement: If Applicable
  - Second New Row
    - Element Name: `socn_fragment_count`
    - Unique Value Level: Data Set
    - Value Requirement: If Applicable
9. Section J.2.10.3.1.2 is modified to insert two new rows in the table after `sla_performance_period`:
- First New Row
    - Element Name: `socn_fragment_count`
    - Description: The total number of fragments for this service order completion notice. See Section J.2.10.1.4
    - Data Type: Numeric
    - Length: 3
    - Edit Mask: NNN
  - Second New Row
    - Element Name: `socn_fragment_sequence_number`
    - Description: The sequence number for this fragment of the service order completion notice. See Section J.2.10.1.4
    - Data Type: Numeric
    - Length: 3
    - Edit Mask: NNN

3. The estimated dollar value of the contract remains unchanged.
4. Except as provided herein, all prices, terms and conditions of the document referenced in Item 10A remain unchanged and in full force and effect.