

2. AMENDMENT/MODIFICATION NO. P00149	3. EFFECTIVE DATE See Block 16B	4. REQUISITION/PURCHASE REQ. NO. PR201707210007	5. PROJECT NO. (If applicable)
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6. ISSUED BY General Services Administration/FAS/ITC Office of Acquisition Operations 1800 F Street, NW, 4 th Floor Washington DC 20405 Andrea Lane 703-306-6825	7. ADMINISTERED BY (If other than Item 6)
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8. NAME AND ADDRESS OF CONTRACTOR Manhattan Telecommunications 55 Water Street, 32nd Floor New York, NY. 10041	(D)	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
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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 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: Mutual Agreement of Both Parties (FAR 43.103(a)(3)) 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 PAGE

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 07/10/19
	16B. UNITED STATES OF AMERICA
	16C. DATE SIGNED

1. The purpose of this modification is to add the new optional VPNS feature Cloud Service Provider Connection (CSPC) to the contract.
2. The contract is modified as follows:

Section B

1. Section B.2.1.1.4 is modified to add the following two paragraphs after the first paragraph:

If additional security is required by an agency task order for the optional Cloud Service Provider Connection (CSPC) feature (Section C.2.1.1.2, ID Number 3), solutions may utilize EIS Managed Security Service (MSS).

The CSPC overage CLINs are applied as usage over the selected CSPC connection committed bandwidth. The contractor shall not charge overage if the government switches to a higher connection committed bandwidth even on the last day of the month.

2. Table B.2.1.1.4.2 VPNS Feature* Pricing Instructions Table is modified to read as follows:

CLIN	Frequency	Description	Charging Unit	Notes
VN90002	MRC	Interworking Services	Port	Optional
VN90003	NRC	CSPC Public or Private Cloud Service Provider-Specific Connection	Service Initiation	ICB; Optional; is in addition to the CSPC MRC and Usage CLINs
VN91001	MRC	CSPC Ethernet – 1 Mbps Committed	Connection	Optional
VN91002	MRC	CSPC Ethernet – 2 Mbps Committed	Connection	Optional
VN91003	MRC	CSPC Ethernet – 3 Mbps Committed	Connection	Optional
VN91004	MRC	CSPC Ethernet – 4 Mbps Committed	Connection	Optional
VN91005	MRC	CSPC Ethernet – 5 Mbps Committed	Connection	Optional
VN91006	MRC	CSPC Ethernet – 6 Mbps Committed	Connection	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN91007	MRC	CSPC Ethernet – 7 Mbps Committed	Connection	Optional
VN91008	MRC	CSPC Ethernet – 8 Mbps Committed	Connection	Optional
VN91009	MRC	CSPC Ethernet – 9 Mbps Committed	Connection	Optional
VN91010	MRC	CSPC Ethernet – 10 Mbps Committed	Connection	Optional
VN91020	MRC	CSPC Ethernet – 20 Mbps Committed	Connection	Optional
VN91030	MRC	CSPC Ethernet – 30 Mbps Committed	Connection	Optional
VN91040	MRC	CSPC Ethernet – 40 Mbps Committed	Connection	Optional
VN91050	MRC	CSPC Ethernet – 50 Mbps Committed	Connection	Optional
VN91060	MRC	CSPC Ethernet – 60 Mbps Committed	Connection	Optional
VN91070	MRC	CSPC Ethernet – 70 Mbps Committed	Connection	Optional
VN91080	MRC	CSPC Ethernet – 80 Mbps Committed	Connection	Optional
VN91090	MRC	CSPC Ethernet – 90 Mbps Committed	Connection	Optional
VN91100	MRC	CSPC Ethernet – 100 Mbps Committed	Connection	Optional
VN91200	MRC	CSPC Ethernet – 200 Mbps Committed	Connection	Optional
VN91300	MRC	CSPC Ethernet – 300 Mbps Committed	Connection	Optional
VN91400	MRC	CSPC Ethernet – 400 Mbps Committed	Connection	Optional
VN91500	MRC	CSPC Ethernet – 500 Mbps Committed	Connection	Optional
VN91600	MRC	CSPC Ethernet – 600 Mbps Committed	Connection	Optional
VN91700	MRC	CSPC Ethernet – 700 Mbps Committed	Connection	Optional
VN91800	MRC	CSPC Ethernet – 800 Mbps Committed	Connection	Optional
VN91900	MRC	CSPC Ethernet – 900 Mbps Committed	Connection	Optional
VN92001	MRC	CSPC Ethernet – 1 Gbps Committed	Connection	Optional

CLIN	Frequency	Description	Charging Unit	Notes
VN92002	MRC	CSPC Ethernet – 2 Gbps Committed	Connection	Optional
VN92003	MRC	CSPC Ethernet – 3 Gbps Committed	Connection	Optional
VN92004	MRC	CSPC Ethernet – 4 Gbps Committed	Connection	Optional
VN92005	MRC	CSPC Ethernet – 5 Gbps Committed	Connection	Optional
VN92006	MRC	CSPC Ethernet – 6 Gbps Committed	Connection	Optional
VN92007	MRC	CSPC Ethernet – 7 Gbps Committed	Connection	Optional
VN92008	MRC	CSPC Ethernet – 8 Gbps Committed	Connection	Optional
VN92009	MRC	CSPC Ethernet – 9 Gbps Committed	Connection	Optional
VN92010	MRC	CSPC Ethernet – 10 Gbps Committed	Connection	Optional
VN93001	Usage	CSPC Ethernet Bandwidth-on-Demand; 1 Mbps ≤ committed bandwidth < 10 Mbps Overage	Mbps	Optional
VN93002	Usage	CSPC Ethernet Bandwidth-on-Demand; 10 Mbps ≤ committed bandwidth < 100 Mbps Overage	10 Mbps	Optional
VN93003	Usage	CSPC Ethernet Bandwidth-on-Demand; 100 Mbps ≤ committed bandwidth < 1 Gbps Overage	100 Mbps	Optional
VN93004	Usage	CSPC Ethernet Bandwidth-on-Demand; 1 Gbps ≤ committed bandwidth < 10 Gbps Overage	Gbps	Optional

* See Section C.2.1.1.2 for details

Section C

1. Section C.2.1.1.2 Features is modified to add Cloud Service Provider Connection (CSPC) as a third feature to the table.

The VPNS features are mandatory unless marked optional.

ID Number	Name of Feature	Description
1	High availability options	<p>The contractor shall provide the following high availability options:</p> <ol style="list-style-type: none"> 1. Load sharing 2. Fail-over protection 3. Diverse access points to service provider's POP(s).
2 (optional)	Interworking Services	<p>The contractor shall provide interworking services for an agency's VPN to transparently access agency locations that use the contractor's Ethernet Transport Service.</p>
3 (optional)	Cloud Service Provider Connection (CSPC)	<p>The contractor shall provide encrypted (Std: FIPS Pubs: 140-2, 197) cloud connection to agency specified public and/or private Cloud Service Provider(s) (CSPs), as follows:</p> <ol style="list-style-type: none"> 1. Scalable bandwidths or bursting. Predefined committed bandwidth (CIR) with burstable bandwidths over the CIR (Overage) up to a maximum bandwidth, as specified in the task order. 2. Connections to multiple CSPs. 3. Monitoring and management of CSPC (if available): This capability will allow customer to self-manage and monitor via web interface to: create/delete connections, change CIR and Overage amounts, open a trouble ticket, access utilization reports, view order history, and view unbilled usage and usage reports. 4. Security. If additional security is required by an agency task order, solutions may utilize EIS Managed Security Service (MSS) through "service chaining," for example, firewall, intrusion detection, and intrusion prevention services.

Section J

Section J.2.4.2.5 is modified to insert a new subsection numbered "J.2.4.2.5.1" and titled "Backdating Service State Changes" with the following text:

J.2.4.2.5.1 Backdating Service State Changes

In most cases, the change in service state will be effective at or after the time of the government action which initiated the change. However, it is expected that in some cases it will be necessary or beneficial to the government to allow service state changes that are effective prior to the government action that initiated the change. This is permissible provided all of the following conditions are met:

1. The CLIN and case number associated with the UBI subjected to a backdated service state change must be identified on the task order as being subject to such changes
 2. The government action initiating the service state change must explicitly inform the government user of the backdated nature of the requested change and the intended effective date
 3. The effective date of a service state change cannot be prior to the calendar month during which the government action initiating the change occurred
 - Example: a service state change initiated by a government action on 03/20/2019 cannot be backdated prior to 03/01/2019
 4. The effective date of a service state change cannot be prior to the installation date shown on the SOCN for the affected UBI
 5. The contractor_comments field of the SSCN recording the change in service state must indicate that the change was backdated and must, at minimum, capture the following information about the government action that initiated the change:
 - Date and time
 - Mechanism (e.g., email request, service portal, etc.)
 6. The change must be compliant with any additional constraints on backdating changes in service state captured in the TO.
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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.