

|  |   |   |  |                |                   |
|--|---|---|--|----------------|-------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   | 1. CONTRACT ID CODE<br><b>QP0022183</b>                   | PAGE<br><b>1</b>   | OF<br><b>1</b> | PAGES<br><b>6</b> |
| 2. AMENDMENT/MODIFICATION NO.<br><b>P00344</b>   | 3. EFFECTIVE DATE<br><b>See Block 16B</b> | 4. REQUISITION/PURCHASE REQ. NO.<br><b>PR201707210009</b> | 5. PROJECT NO. (If applicable)                                   |                |                   |
| 6. ISSUED BY<br><b>General Services Administration/FAS/ITC<br/>Office of Enterprise Telecommunications Solutions Acquisitions<br/>1800 F Street, NW, Washington DC 20405<br/>Joseph Brozi 703 - 859 - 4603</b> |   | 7. ADMINISTERED BY (If other than Item 6)                 |  | CODE           |                   |
| 8. NAME AND ADDRESS OF CONTRACTOR<br><br><b>Comcast Government Services, LLC<br/>11951 Freedom Drive., Suite 900<br/>Reston, VA 20190-5674</b>   |   | (D)   | 9A. AMENDMENT OF SOLICITATION NO.                                |                |                   |
|  |   |   | 9B. DATED (SEE ITEM 11)  |                |                   |
|  |   | <b>X</b>  | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br><b>GS00Q17NSD3008</b> |                |                   |
|  |   |   | 10B. DATED (SEE ITEM 13)<br><b>7/31/2017</b>                     |                |                   |
| 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). |
| <b>X</b> | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br><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

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)<br><b>Ken Folderauer Vice President</b>   |                                      | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br><b>Joseph Brozi Contracting Officer</b> |                  |
| 15B. <del>Consented by</del> OFFEROR<br><br>67F5533E008143D<br>(Signature of person authorized to sign) | 15C. DATE SIGNED<br><b>12/4/2023</b> | 16B. UNITED STATES OF AMERICA<br><br>(Signature of Contracting Officer)                               | 16C. DATE SIGNED |

1. The purpose of this modification is to:
  - a. Add CLINs to Section B.
  - b. Make minor changes to Section C.

2. The contract is modified as follows:

Section B Changes:

3. B.2.1.1.3.2 VPNS Port Pricing Instructions Table is changed to add the following CLINs:

|         |     |                     |      |          |
|---------|-----|---------------------|------|----------|
| VN50002 | MRC | Ethernet – 20 Gbps  | Port | Optional |
| VN50003 | MRC | Ethernet – 30 Gbps  | Port | Optional |
| VN50004 | MRC | Ethernet – 40 Gbps  | Port | Optional |
| VN50005 | MRC | Ethernet – 50 Gbps  | Port | Optional |
| VN50006 | MRC | Ethernet – 60 Gbps  | Port | Optional |
| VN50007 | MRC | Ethernet – 70 Gbps  | Port | Optional |
| VN50008 | MRC | Ethernet – 80 Gbps  | Port | Optional |
| VN50009 | MRC | Ethernet – 90 Gbps  | Port | Optional |
| VN50010 | MRC | Ethernet – 100 Gbps | Port | Optional |
| VN50020 | MRC | Ethernet – 200 Gbps | Port | Optional |
| VN50040 | MRC | Ethernet – 400 Gbps | Port | Optional |
| VN50080 | MRC | Ethernet – 800 Gbps | Port | Optional |
| VN50100 | MRC | Ethernet – 1 Tbps   | Port | Optional |

4. B.2.1.2.2.2 E-LINE Port Pricing Instructions Table is changed to add the following CLINs:

|         |   |      |          |
|---------|---|------|----------|
| EN00205 | E-LINE Ethernet Network Interface – 50 Gbps | Port | Optional |
| EN00206 | E-LINE Ethernet Network Interface – 60 Gbps | Port | Optional |
| EN00207 | E-LINE Ethernet Network Interface – 70 Gbps | Port | Optional |
| EN00208 | E-LINE Ethernet Network Interface – 80 Gbps | Port | Optional |
| EN00209 | E-LINE Ethernet Network Interface – 90 Gbps | Port | Optional |

|         |  |      |          |
|---------|--|------|----------|
| EN00210 | E-LINE Ethernet Network Interface – 100 Gbps | Port | Optional |
| EN00220 | E-LINE Ethernet Network Interface – 200 Gbps | Port | Optional |
| EN00240 | E-LINE Ethernet Network Interface – 400 Gbps | Port | Optional |
| EN00280 | E-LINE Ethernet Network Interface – 800 Gbps | Port | Optional |
| EN00300 | E-LINE Ethernet Network Interface – 1 Tbps   | Port | Optional |

5. B.2.1.2.3.2 E-LINE EVC Pricing Instructions Table is changed to add the following CLINs:

|         |  |     |          |
|---------|--|-----|----------|
| EN00050 | E-LINE EVC – 50 Gbps (point-to-point)  | EVC | Optional |
| EN00051 | E-LINE EVC – 60 Gbps (point-to-point)  | EVC | Optional |
| EN00052 | E-LINE EVC – 70 Gbps (point-to-point)  | EVC | Optional |
| EN00053 | E-LINE EVC – 80 Gbps (point-to-point)  | EVC | Optional |
| EN00054 | E-LINE EVC – 90 Gbps (point-to-point)  | EVC | Optional |
| EN00055 | E-LINE EVC – 100 Gbps (point-to-point) | EVC | Optional |
| EN00056 | E-LINE EVC – 200 Gbps (point-to-point) | EVC | Optional |
| EN00058 | E-LINE EVC – 400 Gbps (point-to-point) | EVC | Optional |
| EN00062 | E-LINE EVC – 800 Gbps (point-to-point) | EVC | Optional |
| EN00064 | E-LINE EVC – 1 Tbps (point-to-point)   | EVC | Optional |

6. B.2.1.2.4.2 E-LAN Port Pricing Instructions Table is changed to add the following CLINs:

|         |     |                           |      |          |
|---------|-----|---------------------------|------|----------|
| EN01005 | MRC | E-LAN Ethernet – 50 Gbps  | Port | Optional |
| EN01006 | MRC | E-LAN Ethernet – 60 Gbps  | Port | Optional |
| EN01007 | MRC | E-LAN Ethernet – 70 Gbps  | Port | Optional |
| EN01008 | MRC | E-LAN Ethernet – 80 Gbps  | Port | Optional |
| EN01009 | MRC | E-LAN Ethernet – 90 Gbps  | Port | Optional |
| EN01010 | MRC | E-LAN Ethernet – 100 Gbps | Port | Optional |
| EN01020 | MRC | E-LAN Ethernet – 200 Gbps | Port | Optional |
| EN01040 | MRC | E-LAN Ethernet – 400 Gbps | Port | Optional |
| EN01080 | MRC | E-LAN Ethernet – 800 Gbps | Port | Optional |

|         |     |                         |      |          |
|---------|-----|-------------------------|------|----------|
| EN01100 | MRC | E-LAN Ethernet – 1 Tbps | Port | Optional |
|---------|-----|-------------------------|------|----------|

8. B.2.1.7.3.2 IPS Port Pricing Instructions Table is changed to add the following CLINs:

|         |     |                           |      |          |
|---------|-----|---------------------------|------|----------|
| IP60002 | MRC | IPS – Ethernet – 20 Gbps  | Port | Optional |
| IP60003 | MRC | IPS – Ethernet – 30 Gbps  | Port | Optional |
| IP60004 | MRC | IPS – Ethernet – 40 Gbps  | Port | Optional |
| IP60005 | MRC | IPS – Ethernet – 50 Gbps  | Port | Optional |
| IP60006 | MRC | IPS – Ethernet – 60 Gbps  | Port | Optional |
| IP60007 | MRC | IPS – Ethernet – 70 Gbps  | Port | Optional |
| IP60008 | MRC | IPS – Ethernet – 80 Gbps  | Port | Optional |
| IP60009 | MRC | IPS – Ethernet – 90 Gbps  | Port | Optional |
| IP60010 | MRC | IPS – Ethernet – 100 Gbps | Port | Optional |
| IP60020 | MRC | IPS – Ethernet – 200 Gbps | Port | Optional |
| IP60040 | MRC | IPS – Ethernet – 400 Gbps | Port | Optional |
| IP60080 | MRC | IPS – Ethernet – 800 Gbps | Port | Optional |
| IP60100 | MRC | IPS – Ethernet – 1 Tbps   | Port | Optional |

9. B.2.2.1.2.3 IPVS Instructions Table is changed to add the following CLIN:

|         |  |                                   |      |   |
|---------|--|-----------------------------------|------|---|
| VI21500 |  | IPVS - Service Identifier Capture | Seat | NSP. Optional.<br>CLIN shall be ordered as many times as necessary to record all detailed information required in Section J.2 for each seat ordered via VI21110 or VI21210. |
|---------|--|-----------------------------------|------|---|

10. B.2.9.1.5 Access Pricing Instructions Table is changed to add the following CLINs:

|         |         |  |                            |         |               |
|---------|---------|--|----------------------------|---------|---------------|
| AA00235 | AA00335 |  | Dedicated Ethernet 50 Gbps | Circuit | Optional; ICB |
| AA00236 | AA00336 |  | Dedicated Ethernet 60 Gbps | Circuit | Optional; ICB |

|         |         |  |                             |         |               |
|---------|---------|--|-----------------------------|---------|---------------|
| AA00237 | AA00337 |  | Dedicated Ethernet 70 Gbps  | Circuit | Optional; ICB |
| AA00238 | AA00338 |  | Dedicated Ethernet 80 Gbps  | Circuit | Optional; ICB |
| AA00239 | AA00339 |  | Dedicated Ethernet 90 Gbps  | Circuit | Optional; ICB |
| AA00240 | AA00340 |  | Dedicated Ethernet 100 Gbps | Circuit | Optional; ICB |
| AA00242 | AA00342 |  | Dedicated Ethernet 200 Gbps | Circuit | Optional; ICB |
| AA00244 | AA00344 |  | Dedicated Ethernet 400 Gbps | Circuit | Optional; ICB |
| AA00248 | AA00348 |  | Dedicated Ethernet 800 Gbps | Circuit | Optional; ICB |
| AA00250 | AA00350 |  | Dedicated Ethernet 1 Tbps   | Circuit | Optional; ICB |

Section C Changes:

11. Section C.2.1.2.1.2 Standards is changed to insert the following words into Item 3.a) '(as updated from time to time by IEEE),'
12. Section C.2.1.2.1.2 Standards is changed to insert the following words into Item 3.b) '(as updated from time to time by IEEE),'
13. Section C.2.1.2.1.2 Standards is changed to insert the following words into Item 3.c) '(as updated from time to time by IEEE)'
14. Section C.2.1.2.1.2 Standards is changed to insert the following words into Item 3.d) '(as updated from time to time by IEEE)'
15. Section C.2.1.2.1.2 Standards is changed to insert the following words into Item 3.e) '(as updated from time to time by IEEE)'
16. Section C.2.1.2.1.4 Technical Capabilities is changed to insert the following words into Item 11) '(as updated from time to time by IEEE) and'
17. Section C.2.1.2.1.4 Technical Capabilities is changed to insert the following words into Item 15.c) '(as updated from time to time by IEEE)'
18. Section C.2.1.2.3 Interfaces is changed to insert the following words into the Table Header under the Standard heading '(as updated from time to time by IEEE)'
19. Section C.2.1.5.1.2 Standards is changed to insert the following words into Item 4.a) '(as updated from time to time by IEEE),'
20. Section C.2.1.5.1.2 Standards is changed to insert the following words into Item 4.b) '(as updated from time to time by IEEE),'
21. Section C.2.1.5.3 Interfaces is changed to insert the following words into the Table Header under the Standard heading '(as updated from time to time by the applicable governing entity)'
22. Section C.2.1.7.1.2 Standards is changed to insert the following words '(as updated from time to time by the applicable governing entity)'
23. Section C.2.2.1.1.2 Standards is changed to insert the following words '(as updated from time to time by the applicable governing entity)'
24. Section C.2.2.4.1.2 Standards is changed to insert the following words '(as updated from time to time by the applicable governing entity)'

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