

CHECK HERE IF ADDITIONAL PAGES ARE ATTACHED

574 Pages

AGREEMENT NUMBER	AMENDMENT NUMBER
IFB STPD 12-001-B, C3-B-15-03-TS-40	4
REGISTRATION NUMBER	

- This Agreement is entered into between the State Agency and Contractor named below:  
 STATE AGENCY'S NAME  
 California Department of Technology  
 CONTRACTOR'S NAME  
 Comcast Business Communications, LLC
- The term of this Agreement is 04/12/2017 through 6/30/2019
- The maximum amount of this agreement after this amendment is: \$0.00
- The parties mutually agree to this amendment as follows. All actions noted below are by this reference made a part of the Agreement and incorporated herein:

**A. This Technical Amendment incorporates the following changes: Subject: CALNET 3, IFB STPD 12-001-B (Comcast):**

- \* Attachment 1: Revisions to IFB STPD 12-001-B, Category 3, Technical Response (148 pages)
- \* Attachment 2: Revisions to IFB STPD 12-001-B, Category 3, SOW Catalog A (35 pages)
- \* Attachment 3: Revisions to IFB STPD 12-001-B, Category 5, Technical Response (260 pages)
- \* Attachment 4: Revisions to IFB STPD 12-001-B, Category 5, SOW Catalog A (130 pages)

This Agreement is effective upon the start date, or California Department of Technology approval, whichever is later.

All other terms and conditions of the original agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

<b>CONTRACTOR</b>		CALIFORNIA DEPARTMENT OF TECHNOLOGY Use Only  <i>Approved          By Flores          4 APR 2018</i>
CONTRACTOR'S NAME (If other than an individual, state whether a corporation, partnership, etc.)		
Comcast Business Communications, LLC		
BY (Authorized Signature) <i>[Signature]</i>	DATE SIGNED (Do not type) 03-13-2018	
PRINTED NAME AND TITLE OF PERSON SIGNING Terrence J. Connell / Senior Vice President		
ADDRESS 1701 John F. Kennedy Boulevard, Philadelphia, PA 19103		
<b>STATE OF CALIFORNIA</b>		
AGENCY NAME California Department of Technology		
BY (Authorized Signature) <i>[Signature]</i>	DATE SIGNED (Do not type) 4-2-18	
PRINTED NAME AND TITLE OF PERSON SIGNING Marlon Paulo, Deputy Director, Statewide Technology Procurement, CDT		
ADDRESS P.O. Box 1810, Rancho Cordova, CA 95741-1810		

Exempt per:

Comcast Business

IFB STP 12-001-B, C3-B-15-03-TS-40

Amendment No. 4, January 1, 2018

CALNET 3, Category 3 – Metropolitan Area Network Ethernet

CALNET 3, Category 5 – Managed Internet Services

Amendment Summary

**Submitted by:**

*Rose Roth*  
*Director, Comcast Business Operations*  
*Rose\_Roth@cable.comcast.com*  
*303-662-6132*

This Modification No. 3 (“Modification”) by and between Comcast (“Contractor”) and the State of California (“State”) is effective upon execution by the parties (“Effective Date”).

WHEREAS, Comcast and State entered into the Agreement for (service) on April 12, 2017, amended on November 1, 2017;

WHEREAS, the parties now desire to modify the Agreement.

NOW THEREFORE, the parties, in consideration of the mutual covenants contained herein and intending to be legally bound, agree that the Agreement is modified as follows:

**Category 3, Volume 2, SOW Technical Response amended items:**

- **Category 3, Volume 2 SOW Technical Response – Front Cover – page 1**
  - Updated Amendment No. to “4” and Revised Date to January 1, 2018
- **Category 3, Volume 2 SOW Technical Response – Footers – all pages**
  - Updated Amendment No. to “4” and Revised Date to January 1, 2018
- **Category 3, Volume 2 SOW Technical Response – Table of Contents – pages 2-3**
  - Updated table of contents in its entirety.
- **Category 3, Volume 2 SOW Technical Response – Table 3.2.1.6.b – pages 34-101**
  - Rows 1-7. Add “3” to the end of the Bidder’s Product Identifier.
  - Row 11. Add new row for ENS 100 Gbps port.
  - Rows 49-57. Add new rows for ENS Basic Gbps bandwidths.
  - Rows 95-103. Add new rows for ENS Priority Gbps bandwidths.
  - Rows 141-149. Add new rows for ENS Premium Gbps bandwidths.
  - Row 151. Add new row for EPL 100 Gbps port.
  - Rows 189-197. Add new rows for EPL Basic Gbps bandwidths.
  - Rows 235-243. Add new rows for EPL Priority Gbps bandwidths.
  - Rows 281-289. Add new rows for EPL Premium Gbps bandwidths.
  - Row 291. Add new row for EVPL 100 Gbps port.
  - Rows 329-337. Add new rows for EVPL Basic Gbps bandwidths.
  - Rows 375-383. Add new rows for EVPL Priority Gbps bandwidths.
  - Rows 421-429. Add new rows for EVPL Premium Gbps bandwidths.
  - Renumbered rows 11-420 for addition of new bandwidths.
- **Category 3, Volume 2 SOW Technical Response – Table 3.5.8.1 – page 135**
  - Add line for EPL, EVPL 100Gbps SLA objective.
  - Add line for ENS 100 Gbps SLA objective.

**Category 3, Metropolitan Area Network Service, Volume 3, Cost Information, Catalog A, has been modified to include the following:**

- Cover Page, updated Amendment Number to “4” and Revised Date to 1/1/2018
- Pages 1-35, updated footer to Amendment Number to “4” and Revised Date to 1/1/2018
- Pages 8-9, Table 3.2.1.6.b, Rows 1-7. Added “3” to the end of the Contractor’s Product Identifier.
- Page 10, Table 3.2.1.6.b, Row 11. Added new row for ENS 100 Gbps port.
- Page 12, Table 3.2.1.6.b, Rows 49-57. Added new rows for ENS Basic Gbps bandwidths.
- Page 14, Table 3.2.1.6.b, Rows 95-103. Added new rows for ENS Priority Gbps bandwidths.
- Page 16, Table 3.2.1.6.b, Rows 141-149. Added new rows for ENS Premium Gbps bandwidths.
- Page 17, Table 3.2.1.6.b, Row 151. Added new row for EPL 100 Gbps port.
- Page 18-19, Table 3.2.1.6.b, Rows 189-197. Added new rows for EPL Basic Gbps bandwidths.
- Page 21, Table 3.2.1.6.b, Rows 235-243. Added new rows for EPL Priority Gbps bandwidths.
- Page 23, Table 3.2.1.6.b, Rows 281-289. Added new rows for EPL Premium Gbps bandwidths.
- Page 23, Table 3.2.1.6.b, Row 291. Added new row for EVPL 100 Gbps port.
- Page 25-26, Table 3.2.1.6.b, Rows 329-337. Added new rows for EVPL Basic Gbps bandwidths.
- Page 28, Table 3.2.1.6.b, Rows 375-383. Added new rows for EVPL Priority Gbps bandwidths.
- Pages 30, Table 3.2.1.6.b, Rows 421-429. Added new rows for EVPL Premium Gbps bandwidths.
- Pages 10-30, Table 3.2.1.6.b, Rows 11-420. Renumbered for addition of new bandwidths.

**Category 5, Volume 2, SOW Technical Response amended items:**

- **Category 5, Volume 2 SOW Technical Response – Front Cover – page 1**
  - Updated Amendment No. to “4” and Revised Date to January 1, 2018
- **Category 5, Volume 2 SOW Technical Response – Footers – all pages**
  - Updated Amendment No. to “4” and Revised Date to January 1, 2018.

- **Category 5, Volume 2 SOW Technical Response – Table of Contents – pages 2-3**
  - Updated table of contents in its entirety.
- **Category 5, Volume 2 SOW Technical Response – Section 5.2 – page 5**
  - Added “or equivalent” to the second paragraph of the Description.
- **Category 5, Volume 2 SOW Technical Response – Table 5.2.4.1.c – pages 17-23**
  - Rows 1-30, Removed “Transport” from Feature Name and Feature Description. Added “Includes dedicated internet port and transport” to Feature Description.
- **Category 5, Volume 2 SOW Technical Response – Table 5.2.4.1.c – pages 24-26**
  - Rows 31-39, Added new rows for additional bandwidth options.
- **Category 5, Volume 2 SOW Technical Response – Table 5.2.4.2.c – pages 36-38**
  - Rows 1-7, Added a “5” to the end of the Bidder’s Product Identifier.
- **Category 5, Volume 2 SOW Technical Response – Table 5.2.7.a – pages 224-231**
  - Rows 13-16, Added new rows for additional IP address options.
  - Rows 17-29, Updated row numbers due to addition of new rows.
  - Deleted blank rows between row 22 and 23
- **Category 5, Volume 2 SOW Technical Response – Table 5.5.8.1 – page 248**
  - SLA Objective Table 1 – added a row for Ethernet 100 GbE.

**Category 5, Metropolitan Area Network Service, Volume 3, Cost Information, Catalog A, has been modified to include the following:**

- Cover Page, updated Amendment Number to “4” and Revised Date to January 1, 2018.
- Pages 1-129, updated footer to Amendment Number to “4” and Revised Date to 1/1/2018.
- Pages 5-7, Table 5.2.4.1, Rows 26-55. Removed “Transport” from Feature Name and Feature Description. Added “Includes dedicated internet port and transport” to Feature Description.
- Page 7, Table 5.2.4.1, Rows 56-64. Added new rows for additional bandwidth options.
- Pages 12-13, Table 5.2.4.2, Rows 26-32. Added “5” to the end of the Contractor’s Product Identifier.
- Page 123, Table 5.2.7.a, Rows 11-12. Updated Feature name to be consistent with the SOW by adding “es” to the end of the word Address.
- Page 123, Table 5.2.7.a, Rows 13-16. Added new rows for additional IP Address options.
- Pages 123-125, Table 5.2.7.a, Rows 17-29. Renumbered rows due to inserted IP Address options.