



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
Master Agreement

Order Date: 2016-09-30

CORRECT ORDER NUMBER
 MUST APPEAR ON ALL PACKAGES,
 INVOICES, AND SHIPPING PAPERS.
 QUESTIONS CONCERNING THIS
 ORDER SHOULD BE DIRECTED TO
 THE DEPARTMENT CONTACT.

Order Number: CMA 0212 0212 SWC0000000002	Procurement Folder: 198422
Document Name: Change Order # 1 Telecommunications Transport	Reason for Modification:
Document Description: Telecommunications Transport - Change Order # 1	Change Order # 1 - To reduce contract pricing/total and add necessary PIP ports to support telecommunications infrastructure.
Procurement Type: Central Master Agreement	
Buyer Name: Stephanie L Gale	
Telephone: (304) 558-8801	
Email: stephanie.l.gale@wv.gov	
Shipping Method: Best Way	Effective Start Date: 2016-07-01
Free on Board: FOB Dest, Freight Prepaid	Effective End Date: 2019-06-30

VENDOR	DEPARTMENT CONTACT
Vendor Customer Code: 000000190764 VERIZON BUSINESS PO BOX 660794 DALLAS TX 752660794 US Vendor Contact Phone: (800) 334-7692 Extension: Discount Percentage: 0.0000 Discount Days: 0	Requestor Name: Justin McAllister Requestor Phone: (304) 380-9460 Requestor Email: justin.t.mcallister@wv.gov

INVOICE TO	SHIP TO
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER No City WV 99999 US	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER No City WV 99999 US

AGENCY COPY

Total Order Amount	Open End
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PURCHASING DIVISION AUTHORIZATION SIGNED BY: <i>[Signature]</i> DATE: 9/30/16 ELECTRONIC SIGNATURE ON FILE	ATTORNEY GENERAL APPROVAL AS TO FORM SIGNED BY: <i>[Signature]</i> DATE: 10-12-16 ELECTRONIC SIGNATURE ON FILE	ENCUMBRANCE CERTIFICATION SIGNED BY: <i>[Signature]</i> DATE: <i>[Signature]</i> ELECTRONIC SIGNATURE ON FILE
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Extended Description:

Change Order # 1

Change Order # 1 is issued to decrease the original contract, add additional PIP ports necessary to support telecommunications infrastructure, and correct the contract dates to reflect the initial three (3) year term, according to all terms, conditions, and specifications contained in the original contract. The contract unit prices are decreased as defined in the attached documentation. The addition of the PIP ports is justified per the attached documentation.

All provisions of the original Contract and subsequent Change Orders not modified herein shall remain in full force and effect.

Line	Commodity Code	Manufacturer	Model No	Unit	Unit Price
1	81 161700			EA	\$0.000000
	Service From	Service To			

Commodity Line Description: Telecommunications Data Transport Services

Extended Description:

Telecommunications Data Transport Services



September 23, 2016

Office of Technology
Attn: Justin McAllister
1900 Kanawha Blvd E
Charleston, WV 25305

RE: Telecommunications Transport Master Agreement

Dear Mr. McAllister:

Verizon would like to provide a reduction in the monthly recurring charges as a result of our ability to negotiate the best cost for the last/middle mile access among competitive market carriers. Additionally, as a result of the initial post-award design meeting, there are additional PIP Port speeds identified to drive efficiencies in the network design and provide the Hub aggregation connectivity. (Please see attached rate sheet)

- Overall monthly reduction for circuits is \$48,156.
- Overall monthly increase for additional PIP Port speeds is \$24,534.

Verizon commits to provide the best services at the lowest rates possible. I look forward to continuing our business relationship and building an even stronger partnership with the State of West Virginia

Sincerely,

A handwritten signature in cursive script that reads "Sandra Hawkins".

Sandra Hawkins
Senior Account Manager
Authorized Contact
Verizon
304-356-3395
sandra.k.hawkins@verizon.com

State of WV - SWC0000000002
Telecommunications Transport Contract - Central Master Agreement
CHANGE ORDER #1

Description of Service	ORIGINAL RFP RESPONSE		CHANGE ORDER # 1 PRICING		Net Change
	Monthly Recurring Cost (MRC) - Vendor Response	Non-Recurring Cost (NRC) - Vendor Response	Change Order #1 Monthly Recurring Cost (MRC)	Change Order #1 Non-Recurring Cost (NRC) - Vendor Response	
Priced as Ethernet Access (EA) to MPLS replacing Private Line					
Private Line DS0 (Priced as 1Mbps EA to MPLS - Port Required)	\$383.00	\$0.00	\$383.00	\$0.00	\$0.00
Private Line DS1 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Private Line DS3 (Priced as 50Mbps EA to MPLS - Port Required)	\$1,110.00	\$0.00	\$810.00	\$0.00	(\$300.00)
Priced as Ethernet Access (EA) to MPLS replacing Switched Ethernet					
Switched Ethernet 1Mbps (Priced as EA to MPLS - Port Required)	\$383.00	\$0.00	\$383.00	\$0.00	\$0.00
Switched Ethernet 3Mbps (Priced as EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Switched Ethernet 5Mbps (Priced as EA to MPLS - Port Required)	\$503.00	\$0.00	\$372.00	\$0.00	(\$131.00)
Switched Ethernet 10Mbps (Priced as EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
Switched Ethernet 20Mbps (Priced as EA to MPLS - Port Required)	\$732.00	\$0.00	\$538.00	\$0.00	(\$194.00)
Switched Ethernet 25Mbps (Priced as EA to MPLS - Port Required)	\$857.00	\$0.00	\$857.00	\$0.00	\$0.00
Switched Ethernet 50Mbps (Priced as EA to MPLS - Port Required)	\$1,110.00	\$0.00	\$810.00	\$0.00	(\$300.00)
Switched Ethernet 75Mbps (Priced as EA to MPLS - Port Required)	\$1,207.00	\$0.00	\$935.00	\$0.00	(\$272.00)
Switched Ethernet 100Mbps (Priced as EA to MPLS - Port Required)	\$1,275.00	\$0.00	\$935.00	\$0.00	(\$340.00)
Switched Ethernet 150Mbps (Priced as EA to MPLS - Port Required)	\$1,448.00	\$0.00	\$1,068.00	\$0.00	(\$380.00)
Switched Ethernet 200Mbps (Priced as EA to MPLS - Port Required)	\$1,450.00	\$0.00	\$1,068.00	\$0.00	(\$382.00)
Switched Ethernet 250Mbps (Priced as EA to MPLS - Port Required)	\$1,508.00	\$0.00	\$1,103.00	\$0.00	(\$405.00)
Switched Ethernet 300Mbps (Priced as EA to MPLS - Port Required)	\$1,500.00	\$0.00	\$1,103.00	\$0.00	(\$397.00)
Switched Ethernet 350Mbps (Priced as EA to MPLS - Port Required)	\$1,568.00	\$0.00	\$1,157.00	\$0.00	(\$411.00)
Switched Ethernet 450Mbps (Priced as EA to MPLS - Port Required)	\$1,632.00	\$0.00	\$1,202.00	\$0.00	(\$430.00)

State of WV - SWC0000000002
Telecommunications Transport Contract - Central Master Agreement
CHANGE ORDER #1

Description of Service	ORIGINAL RFP RESPONSE		CHANGE ORDER # 1 PRICING		Net Change
	Monthly Recurring Cost (MRC) - Vendor Response	Non-Recurring Cost (NRC) - Vendor Response	Change Order #1 Monthly Recurring Cost (MRC)	Change Order #1 Non-Recurring Cost (NRC) - Vendor Response	
Switched Ethernet 500Mbps (Priced as EA to MPLS - Port Required)	\$1,632.00	\$0.00	\$1,202.00	\$0.00	(\$430.00)
Switched Ethernet 1Gbps (Priced as EA to MPLS - Port Required)	\$1,807.00	\$0.00	\$1,334.00	\$0.00	(\$473.00)
Switched Ethernet 2Gbps (Priced as EA to MPLS - Port Required)	\$2,618.00	\$0.00	\$1,947.00	\$0.00	(\$671.00)
Switched Ethernet 3Gbps (Priced as EA to MPLS - Port Required)	\$3,090.00	\$0.00	\$2,298.00	\$0.00	(\$792.00)
Switched Ethernet 4Gbps (Priced as EA to MPLS - Port Required)	\$3,640.00	\$0.00	\$2,705.00	\$0.00	(\$935.00)
Switched Ethernet 5Gbps (Priced as EA to MPLS - Port Required)	\$4,282.00	\$0.00	\$3,181.00	\$0.00	(\$1,101.00)
Switched Ethernet 6Gbps (Priced as EA to MPLS - Port Required)	\$5,034.00	\$0.00	\$3,737.00	\$0.00	(\$1,297.00)
Switched Ethernet 7Gbps (Priced as EA to MPLS - Port Required)	\$5,915.00	\$0.00	\$4,387.00	\$0.00	(\$1,528.00)
Switched Ethernet 8Gbps (Priced as EA to MPLS - Port Required)	\$6,948.00	\$0.00	\$5,149.00	\$0.00	(\$1,799.00)
Switched Ethernet 9Gbps (Priced as EA to MPLS - Port Required)	\$8,162.00	\$0.00	\$6,042.00	\$0.00	(\$2,120.00)
Switched Ethernet 10Gbps (Priced as EA to MPLS - Port Required)	\$9,589.00	\$0.00	\$7,090.00	\$0.00	(\$2,499.00)
Priced as Ethernet Access (EA) to MPLS replacing Frame Relay					
Frame Relay 64K (Priced as 1Mbps EA to MPLS - Port Required)	\$383.00	\$0.00	\$383.00	\$0.00	\$0.00
Frame Relay 256K (Priced as 1Mbps EA to MPLS - Port Required)	\$383.00	\$0.00	\$383.00	\$0.00	\$0.00
Frame Relay 512K (Priced as 1Mbps EA to MPLS - Port Required)	\$383.00	\$0.00	\$383.00	\$0.00	\$0.00
Frame Relay T1 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Multilink Bonded T1s (2) (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Multilink Bonded T1s (3) (Priced as 5Mbps EA to MPLS - Port Required)	\$503.00	\$0.00	\$372.00	\$0.00	(\$131.00)
Multilink Bonded T1s (4) (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
Multilink Bonded T1s (5) (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)

State of WV - SWC0000000002
Telecommunications Transport Contract - Central Master Agreement
CHANGE ORDER #1

Description of Service	ORIGINAL RFP RESPONSE		CHANGE ORDER # 1 PRICING		Net Change
	Monthly Recurring Cost (MRC) - Vendor Response	Non-Recurring Cost (NRC) - Vendor Response	Change Order #1 Monthly Recurring Cost (MRC)	Change Order #1 Non-Recurring Cost (NRC) - Vendor Response	
Multilink Bonded T1s (6) (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
Frame Relay 3Mbps (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Frame Relay 6Mbps (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
Frame Relay 9Mbps (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
Frame Relay DS0 (Priced as 1Mbps EA to MPLS - Port Required)	\$383.00	\$0.00	\$383.00	\$0.00	\$0.00
Frame Relay DS1 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Fractional Frame Relay DS1 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
Frame Relay DS3 (Priced as 50Mbps EA to MPLS - Port Required)	\$1,110.00	\$0.00	\$810.00	\$0.00	(\$300.00)
Fractional Frame Relay DS3 (Priced as 50Mbps EA to MPLS - Port Required)	\$1,110.00	\$0.00	\$810.00	\$0.00	(\$300.00)
Priced as Ethernet Access (EA) to MPLS replacing ATM					
ATM T1 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
ATM 3Mbps (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
ATM 6Mbps (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
ATM 9Mbps (Priced as 10Mbps EA to MPLS - Port Required)	\$575.00	\$0.00	\$422.00	\$0.00	(\$153.00)
ATM12Mbps (Priced as 20Mbps EA to MPLS - Port Required)	\$732.00	\$0.00	\$538.00	\$0.00	(\$194.00)
ATM DS1 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
ATM DS3 (Priced as 50Mbps EA to MPLS - Port Required)	\$1,110.00	\$0.00	\$810.00	\$0.00	(\$300.00)
ATM Fractional DS3 (Priced as 50Mbps EA to MPLS - Port Required)	\$1,110.00	\$0.00	\$810.00	\$0.00	(\$300.00)
ATM OC3 (Priced as 3Mbps EA to MPLS - Port Required)	\$456.00	\$0.00	\$338.00	\$0.00	(\$118.00)
ATM OC12 (Priced as 450Mbps EA to MPLS - Port Required)	\$1,632.00	\$0.00	\$1,202.00	\$0.00	(\$430.00)
ATM OC48 (Priced as 3000Mbps EA to MPLS - Port Required)	\$3,090.00	\$0.00	\$2,298.00	\$0.00	(\$792.00)

State of WV - SWC0000000002
Telecommunications Transport Contract - Central Master Agreement
CHANGE ORDER #1

Description of Service	ORIGINAL RFP RESPONSE		CHANGE ORDER # 1 PRICING		Net Change
	Monthly Recurring Cost (MRC) - Vendor Response	Non-Recurring Cost (NRC) - Vendor Response	Change Order #1 Monthly Recurring Cost (MRC)	Change Order #1 Non-Recurring Cost (NRC) - Vendor Response	
MPLS Ethernet 150Mbps (Port Required)	\$1,448.00	\$0.00	\$1,068.00	\$0.00	(\$380.00)
MPLS Ethernet 200Mbps (Port Required)	\$1,450.00	\$0.00	\$1,068.00	\$0.00	(\$382.00)
MPLS Ethernet 250Mbps (Port Required)	\$1,508.00	\$0.00	\$1,103.00	\$0.00	(\$405.00)
MPLS Ethernet 300Mbps (Port Required)	\$1,500.00	\$0.00	\$1,103.00	\$0.00	(\$397.00)
MPLS Ethernet 350Mbps (Port Required)	\$1,568.00	\$0.00	\$1,157.00	\$0.00	(\$411.00)
MPLS Ethernet 400Mbps (Port Required)	\$1,570.00	\$0.00	\$1,157.00	\$0.00	(\$413.00)
MPLS Ethernet 450Mbps (Port Required)	\$1,632.00	\$0.00	\$1,202.00	\$0.00	(\$430.00)
MPLS Ethernet 500Mbps (Port Required)	\$1,632.00	\$0.00	\$1,202.00	\$0.00	(\$430.00)
MPLS Ethernet 1Gbps (Port Required)	\$1,807.00	\$0.00	\$1,334.00	\$0.00	(\$473.00)
MPLS Ethernet 2Gbps (Port Required)	\$2,618.00	\$0.00	\$1,947.00	\$0.00	(\$671.00)
MPLS Ethernet 3Gbps (Port Required)	\$3,090.00	\$0.00	\$2,298.00	\$0.00	(\$792.00)
MPLS Ethernet 4Gbps (Port Required)	\$3,640.00	\$0.00	\$2,705.00	\$0.00	(\$935.00)
MPLS Ethernet 5Gbps (Port Required)	\$4,282.00	\$0.00	\$3,181.00	\$0.00	(\$1,101.00)
MPLS Ethernet 6Gbps (Port Required)	\$5,034.00	\$0.00	\$3,737.00	\$0.00	(\$1,297.00)
MPLS Ethernet 7Gbps (Port Required)	\$5,915.00	\$0.00	\$4,387.00	\$0.00	(\$1,528.00)
MPLS Ethernet 8Gbps (Port Required)	\$6,948.00	\$0.00	\$5,149.00	\$0.00	(\$1,799.00)
MPLS Ethernet 9Gbps (Port Required)	\$8,162.00	\$0.00	\$6,042.00	\$0.00	(\$2,120.00)
MPLS Ethernet 10Gbps (Port Required)	\$9,589.00	\$0.00	\$7,090.00	\$0.00	(\$2,499.00)
PIP Dedicated Standard Port - QOS/COS can be included here or indicated in the next section.					
Ethernet 1 Mbps (New PIP Port - CO #1)			\$65.00	\$0.00	\$65.00
Ethernet 3 Mbps (New PIP Port - CO #1)			\$96.00	\$0.00	\$96.00
Ethernet 5 Mbps	\$175.00	\$0.00	\$113.00	\$0.00	(\$62.00)

State of WV - SWC000000002
Telecommunications Transport Contract - Central Master Agreement
CHANGE ORDER #1

Description of Service	ORIGINAL RFP RESPONSE		CHANGE ORDER # 1 PRICING		Net Change
	Monthly Recurring Cost (MRC) - Vendor Response	Non-Recurring Cost (NRC) - Vendor Response	Change Order #1 Monthly Recurring Cost (MRC)	Change Order #1 Non-Recurring Cost (NRC) - Vendor Response	
Ethernet 10 Mbps	\$230.00	\$0.00	\$153.00	\$0.00	(\$77.00)
Ethernet 20 Mbps	\$423.00	\$0.00	\$235.00	\$0.00	(\$188.00)
Ethernet 30 Mbps	\$469.00	\$0.00	\$252.00	\$0.00	(\$217.00)
Ethernet 50 Mbps	\$528.00	\$0.00	\$302.00	\$0.00	(\$226.00)
Ethernet 90 Mbps	\$801.00	\$0.00	\$472.00	\$0.00	(\$329.00)
Ethernet 100 Mbps (New PIP Port - CO #1)			\$570.00	\$0.00	\$570.00
Ethernet 300 Mbps	\$1,650.00	\$0.00	\$1,390.00	\$0.00	(\$260.00)
Ethernet 500 Mbps (New PIP Port - CO #1)			\$2,014.00	\$0.00	\$2,014.00
Ethernet 1000 Mbps (New PIP Port - CO #1)			\$2,970.00	\$0.00	\$2,970.00
Ethernet 2000 Mbps (New PIP Port - CO #1)			\$5,726.00	\$0.00	\$5,726.00
Ethernet 5000 Mbps (New PIP Port - CO #1)			\$13,093.00	\$0.00	\$13,093.00
QOS/COS Charge - If QOS/COS is not included in PIP Dedicated Standard Port Charge immediately preceding this section, please					
5 Mbps	\$70.00	\$0.00	\$0.00	\$0.00	(\$70.00)
10 Mbps	\$110.00	\$0.00	\$0.00	\$0.00	(\$110.00)
20 Mbps	\$198.00	\$0.00	\$0.00	\$0.00	(\$198.00)
30 Mbps	\$285.00	\$0.00	\$0.00	\$0.00	(\$285.00)
50 Mbps	\$527.00	\$0.00	\$0.00	\$0.00	(\$527.00)
90 Mbps	\$527.00	\$0.00	\$0.00	\$0.00	(\$527.00)
300 Mbps	\$2,634.00	\$0.00	\$0.00	\$0.00	(\$2,634.00)

Miscellaneous Costs and information

State of WV - SWC0000000002
Telecommunications Transport Contract - Central Master Agreement
CHANGE ORDER #1

Description of Service	ORIGINAL RFP RESPONSE		CHANGE ORDER # 1 PRICING		Net Change
	Monthly Recurring Cost (MRC) - Vendor Response	Non-Recurring Cost (NRC) - Vendor Response	Change Order #1 Monthly Recurring Cost (MRC)	Change Order #1 Non-Recurring Cost (NRC) - Vendor Response	
Original RFP Response			Change Order # 1 Pricing		Net Change
	Provided by Vendor (Y or N)	Hourly Rate	Provided by Vendor (Y or N)	Hourly Rate	
Extension of Circuit demarcation		\$15,000.00	Extension of Circuit demarcation	\$15,000.00	\$0.00
Expedite Charge		Cost per Circuit Expedited \$150,000.00	Expedite Charge	Cost per Circuit Expedited \$150,000.00	\$0.00
Overall Net Change with Change Order #1					\$ (23,622.00)