C-2 Pricing Schedule

Resource Units	Unit Cost	Unit of Measure	Definition
Transport / Point to Point			**Please refer to the Statement of Work for required activities related to each resource unit.**
Metro P2P Ethernet 200Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates within the same metropolitan area. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Metro P2P Ethernet 100Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates within the same metropolitan area. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Metro P2P Ethernet 50Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates within the same metropolitan area. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Metro P2P Ethernet 6Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates within the same metropolitan area. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Inter-city P2P Ethernet 500Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates in two different metropolitan areas. Charges consist of the transport systems supporting the service including any equipment required to terminate the

			circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Inter-city P2P Ethernet 200Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates in two different metropolitan areas. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Inter-city P2P Ethernet 50Mbps	**See Verizon Rate Table to calculate cost**	Per circuit	MetroEthernet circuit of a specific size (as detailed in the Transport/Ethernet section of the Base Charges tab) authorized for use by the Commonwealth. Circuit terminates in two different metropolitan areas. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Point to Point - 1.5Mbps (intra-LATA)	**$388.00/month $4,656.00/year**	Per circuit	Point-to-point circuit of a specific size (as detailed in the Transport/Point-to-point section of the Base Charges tab) authorized for use by the Commonwealth. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Point to Point - 1.5Mbps (inter-LATA)	**$484.00/month $5,808.00**	Per circuit	Point-to-point circuit of a specific size (as detailed in the Transport/Point-to-point section of the Base Charges tab) authorized for use by the Commonwealth. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Point to Point - 45Mbps	**$6,500.00/month $78,000.00/year**	Per circuit	Point-to-point circuit of a specific size (as detailed in the Transport/Point-to-point section of the Base Charges tab) authorized for use by the Commonwealth. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits and any backup circuits and associated usage, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service.
Alarm circuit	**$65.15/month $781.80/year**	Per dry-pair	An unconditioned (i.e. dry-pair) leased pair of wiring for use with a Commonwealth operated alarm service. Universal rate.

Transport / Frame Relay and ATM			Please refer to the Statement of Work for required activities related to each resource unit.
Frame Relay	**See Verizon Rate Table**	Per circuit	Frame Relay circuit as defined by Exhibit G inventory included in the RFP. See Statement of Work for all requirements.
ATM	**See Verizon Rate Table**	Per circuit	ATM circuit as defined by Exhibit G inventory included in the RFP. See Statement of Work for all requirements.
Transport / Internet			**Please refer to the Statement of Work for required activities related to each resource unit.**
Broadband Internet access	**$44.99/month $539.88/year**	per access account	Consists of one Internet access account using broadband (e.g., DSL or cable modem) to connect to the Internet. Charges include all software, transport systems, and any equipment required to terminate the circuit.
Enterprise Internet Services	**$170.68/month**	Per Mbps	Includes the sum of the averages in Mbps of Inbound and Outbound for all general Internet traffic, FTP services, NTP service, External DNS services. Pricing includes 2 carrier diverse ISP connections. Design and pricing is capable of bursting to 200 Mbps without an incremental charge. **This only applies to Enterprise Internet.**
Transport / ISDN			**Please refer to the Statement of Work for required activities related to each resource unit.**
Data BRI	**$25.00/month $300.00/year**	Per circuit	ISDN circuit authorized for use by the Commonwealth. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service. Usage is not included in the $25 MRC for Video and Data BRIs. Usage is priced at $0.02 per minute for local calls.
Video BRI	**$25.00/month $300.00/year**	Per circuit	ISDN circuit authorized for use by the Commonwealth. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service. Usage is not included in the $25 MRC for Video and Data BRIs. Usage is priced at $0.02 per minute for local calls.
Video PRI	**$400.00/month $4,800.00/year**	Per circuit	ISDN circuit authorized for use by the Commonwealth. Charges consist of the transport systems supporting the service including any equipment required to terminate the circuits, but shall exclude (a) any redundant circuits; and (b) the support and management and premise-based equipment and software supporting the service. The $400 MRC for PRIs includes unlimited local usage. Data usage is priced at $0.02 per minute for local circuit switched data calls.
Transport / Voice Service			**Please refer to the Statement of Work for required activities related to each resource unit. NOTE: Calls originating from a Verizon Centrex or PRI will be rated**

			as local origination on-net calls, therefore, the Commonwealth users will realize the local originating rate (priced as dedicated "On-Net") even though the call actually originates as a switched (Off-Net) call.
Voice - Domestic Outbound: Off-Off per min. (IntraLATA)	**$0.0200/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: On-Off per min. (IntraLATA)	**$0.0200/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: On-On per min. (IntraLATA)	**$0.0150/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: Off-Off per min. (InterLATA)	**$0.0270/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: On-Off per min. (InterLATA)	**$0.0270/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: On-On per min. (InterLATA)	**$0.0150/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: On-On per min. (Interstate)	**$0.0150/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: On-Off per min. (Interstate)	**$0.0150/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: Dedicated per min. (Int'l)	**$0.0511/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Domestic Outbound: Switched per min. (Int'l)	**$0.2612/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services:	**$0.0270/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services

Dedicated per min. (Interstate)			category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Switched per min. (Interstate)	**$0.0470/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Dedicated per min. (Intrastate)	**$0.0270/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Switched per min. (Intrastate)	**$0.0418/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Dedicated per min. (IntraLATA)	**$0.0270/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Switched per min. (IntraLATA)	**$0.0418/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Dedicated per min. (Canada)	**$0.0720/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - 800 Services: Switched per min. (Canada)	**$0.0770/minute**	Per minute	A minute of usage for each of the services listed in the Transport - Voice Services category of Resource Units. See Verizon Rate Tables.
Voice - Directory Assistance Calls	**$0.3900**	Per call	Includes all hardware, software and services required to process requests for Directory Assistance from the Commonwealth.
Voice – Directory Listing	**$0.0000**	Per listing (first listing only – see definition)	Includes all services required to provide a Directory Listing authorized for use by the Commonwealth. The first Directory Listing is no charge. Each additional listing is priced at $3.00. Foreign Listing is priced at $3.00.
Managed WAN Devices (Routers/Switches)			**Please refer to the Statement of Work for required activities related to each resource unit. All Soft MACS for Managed WAN are included in the Managed WAN pricing. Hard MACs will be priced based on time and materials.**
Gold Small Devices	**$140.78/month $1,689.36/year**	Per device	A managed router or switch that includes fault monitoring, configuration management and performance management. Receives Gold service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports and custom reports. Examples include Cisco

			2000 (and below) Series routers, Cisco 2000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Gold Medium Devices	**$305.45/month** **$3,665.40/year**	Per device	A managed router or switch that includes fault monitoring, configuration management and performance management. Receives Gold service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Gold Large Devices	**$396.54/month** **$4,758.48/year**	Per device	A managed router or switch that includes fault monitoring, configuration management and performance management. Receives Gold service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports and custom reports. Examples include Cisco 7000 Series routers, Cisco 6000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Silver Small Devices	**$125.50/month** **$1,506.00/year**	Per device	A managed router or switch that includes fault monitoring and configuration management. Receives Silver service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports. Includes standard reports and custom reports. Examples include Cisco 2000 (and below) Series routers, Cisco 2000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Silver Medium Devices	**$266.94/month** **$3,203.28/year**	Per device	A managed router or switch that includes fault monitoring and configuration management. Receives Silver service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Silver Large Devices	**$320.12/month** **$3,841.44/year**	Per device	A managed router or switch that includes fault monitoring and configuration management. Receives Silver service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price**

			based on final customer configuration.
Bronze Small Devices	**$97.37/month** **$1,168.44/year**	Per device	A managed router or switch that includes fault monitoring. Receives Bronze service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports. Examples include Cisco 2000 (and below) Series routers, Cisco 2000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Bronze Medium Devices	**$220.47/month** **$2,645.64/year**	Per device	A managed router or switch that includes fault monitoring. Receives Bronze service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Bronze Large Devices	**$233.92/month** **$2,807.04/year**	Per device	A managed router or switch that includes fault monitoring. Receives Bronze service levels as defined in Schedule F-1 Service Level Matrix. Includes the system hardware and software. Includes standard reports. Examples include Cisco 7000 Series routers, Cisco 6000 Series switches. **Price based on final customer configuration.** Managed WAN Devices with Hardware - Pricing reflects the following devices. Small=Catalyst 2950-24, Medium = Catalyst 3560-24, Large = Catalyst 6504
Gold Small Devices without hardware	**$77.03/month** **$924.36/year**	Per device	A managed router or switch that includes fault monitoring, configuration management and performance management. Receives Gold service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports and custom reports. Examples include Cisco 2000 (and below) Series routers, Cisco 2000 Series switches. **Price based on final customer configuration.**
Gold Medium Devices without hardware	**$132.05/month** **$1,584.60/year**	Per device	A managed router or switch that includes fault monitoring, configuration management and performance management. Receives Gold service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports and custom reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.**
Gold Large Devices without hardware	**$223.14/month** **$2,677.68/year**	Per device	A managed router or switch that includes fault monitoring, configuration management and performance management. Receives Gold service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports and custom reports. Examples include Cisco 7000 Series routers, Cisco 6000 Series switches. **Price based on final customer configuration.**

Silver Small Devices without hardware	**$61.75/month** **$741.00/year**	Per device	A managed router or switch that includes fault monitoring and configuration management. Receives Silver service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports. Examples include Cisco 2000 (and below) Series routers, Cisco 2000 Series switches. **Price based on final customer configuration.**
Silver Medium Devices without hardware	**$93.54/month** **$1,122.48/year**	Per device	A managed router or switch that includes fault monitoring and configuration management. Receives Silver service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.**
Silver Large Devices without hardware	**$146.72/month** **$1,760.64/year**	Per device	A managed router or switch that includes fault monitoring and configuration management. Receives Silver service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.**
Bronze Small Devices without hardware	**$33.62/month** **$403.44/year**	Per device	A managed router or switch that includes fault monitoring. Receives Bronze service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports. Examples include Cisco 2000 (and below) Series routers, Cisco 2000 Series switches. **Price based on final customer configuration.**
Bronze Medium Devices without hardware	**$47.07/month** **$564.84/year**	Per device	A managed router or switch that includes fault monitoring. Receives Bronze service levels as defined in Schedule F-1 Service Level Matrix. Includes standard reports. Examples include Cisco 3000 Series routers, Cisco 3000/4000 Series switches. **Price based on final customer configuration.**
Voice Systems			**Please refer to the Statement of Work for required activities related to each resource unit.**
Voice Port Non-ISDN	**$7.22/month** **$86.64/year**	Per port	An active Centrex port on a telephone switch that a non-ISDN phone can connect to and is authorized for use by the Commonwealth. Pricing does not include Digital Facilities Terminations (DFT). Estimated quantity of 34 @ $171 each.
Voice Port ISDN	**$21.38/month** **$256.56/year**	Per port	An active Centrex port on a telephone switch that an ISDN phone can connect to and is authorized for use by the Commonwealth.
Voice Mailbox - Basic	**$3.02/month** **$36.24/year**	Per mailbox	A voicemail box with Basic services that is authorized for use by the Commonwealth.
Voice Mailbox - Enhanced	**$4.19/month** **$50.28/year**	Per mailbox	A voicemail box with Enhanced services that is authorized for use by the Commonwealth.
Voice MAC	**45.00**	Per MAC Event	Any activity related to a single service request for the move, add, or change to the voice equipment and related software.
Auto Attendant Port -	**$4.19/month**	Per port	Auto Attendant with Menu Only option.

Basic	$50.28/year		
Auto Attendant Port - Enhanced	$4.19/month $50.28/year	Per port	Auto Attendant with forms mailbox, transcriber mailbox or main menu options.
VOIP Phone and Unified Mailbox	$46.72/month $560.64/year	Per phone	An active VOIP phone with voicemail services that is authorized for use by the Commonwealth. Includes the voice service, desktop phone set, voice mail, unlimited long distance and local usage. Also included, are Centrex like call features, such as call forward busy don't answer, Caller ID, speed dial, 3 way conference, and transfer.
PBX	**Months 1-24:** $962.74/month $11,552.88/year **Months 25-84:** $1059.01/month $12,708.12/year	Per device	Includes maintenance services for the system hardware and software. The PBX Systems Monthly Maintenance port quantity from Exhibit L is 18,423 ports. Verizon will price on a per port basis, not on a per system basis.
Key	**Months 1-24:** $98.16/month $1,177.92/year **Months 25-84:** $107.97/month $1,295.64/year	Per device	Includes maintenance services for the system hardware and software. The Key Systems Monthly Maintenance port quantity from Exhibit L is 13,894 ports. Verizon will price on a per port basis not on a per system basis.
ACD Call Centers	**See Verizon Rate Table**		Includes all system hardware and software, maintenance and support. Includes queue slots, menu vectors, announcements, supervisor modules and reporting capabilities. The service is priced on a per agent and per supervisor basis. Please refer to the Statement of Work for required activities.
Security			**Please refer to the Statement of Work for required activities related to each resource unit.**
IDS/IPS	$2,907.66/month $34,891.92/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to detect and prevent malicious activity on the Commonwealth network. Excludes the system hardware and software.
Remote VPN	$9.40/month $112.80/year	Per subscriber	Consists of the services and necessary VPN software or hardware required to securely provide access to the Commonwealth network for authorized users from remote locations.
Email scanning	$1.51/month	Per mailbox	Consists of the services and necessary software or hardware required to scan Commonwealth email prior to delivery to the Commonwealth email servers.

	$18.12/year		
Co-managed small firewall	$1,511.98/month $18,143.76/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to provide perimeter security. Excludes the system hardware and software and rule base management.
Co-managed large firewall	$1,889.98/month $22,679.72/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to provide perimeter security. Excludes the system hardware and software and rule base management.
IDS/IPS - with hardware	$3,756.55/month $45,078.55/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to detect and prevent malicious activity on the Commonwealth network. Includes the system hardware and software.
Proxy servers - with hardware	$3,563.29/month $42,759.53/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to provide proxy services. Includes the system hardware and software.
Co-managed small firewall - with hardware	$2,421.40/month $29,056.81/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to provide perimeter security. Includes the system hardware and software. Excludes the rule base management.
Co-managed large firewall - with hardware	$5,218.20/month $62,618.40/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to provide perimeter security. Includes the system hardware and software. Excludes the rule base management.
Fully managed large firewall - with hardware	$6,299.28/month $75,591.39/year	Per device	Includes the maintenance, management and support of the platform operating system and security application required to provide perimeter security. Includes the system hardware and software and rule base management.
ISS Support			**Please refer to the Statement of Work for required activities related to each resource unit.**
ADM Services for Commonwealth ISS application and infrastructure	Months 1-12: $514,000.00/month Months 13-24: $539,600.00/month Months 25-36: $477,400.00/month Months 37-48: $480,700.00/month Months 49-60: $486,000.00/month Months 61-72:	Solution based	The Commonwealth of Pennsylvania envisions this support as a monthly recurring charge. Please refer to the Statement of Work for the required activities. Monthly Recurring Charge includes Enterprise Security Fee.

	$489,500.00/month Months 73-84 $494,200.00/month		
COPANET Support			**Please refer to the Statement of Work for required activities related to each resource unit.**
COPANET Support	**$20,977.30/month $251,724.00/year**	Solution based	The Commonwealth of Pennsylvania envisions this support as a monthly recurring charge. Please refer to the Statement of Work.
Premise Wiring			**Please refer to the Statement of Work for required activities related to each resource unit.**
Premise Wiring	**See Verizon Rate Table.**		Verizon's proposed pricing includes a single 4-pair Cat 5e cable, a Cat 5e patch panel port (on a 24-port patch panel), jack, faceplate, patch cord, labor, termination and testing. If it is determined a patch panel port is not available to support an install, Verizon will install a patch panel at no additional cost to the Commonwealth.
Payphones			**Please refer to the Statement of Work for required activities related to each resource unit.**
Payphones	**$0.00 – Verizon Rate Table for detail on credit.**	Per phone	Includes all equipment, maintenance, services and support. Please refer to the Statement of Work for required activities. There is no charge to manage and maintain payphones. COPA will receive a 20% commission of pay phone coin revenue above a $200.00/phone/month threshold.
Payphones with TTY Devices	**$0.00**	Per device	Includes all equipment, maintenance, services and support. Please refer to the Statement of Work for required activities. TTY devices are telecommunications devices for the deaf.

C-2 Allowable

As of the Effective Date, the only allowable surcharges related to charges set out in C-2 are the following:

- PA State Gross Receipts Surcharge

- 911 Surcharge

- PA Relay Services System Surcharge

- Federal Universal Service Fund (FUSF)*

- Carrier Cost Recovery Charge (CCRC)*

   *   FUSF and CCRC are embedded in the rates set forth in the rate tables. The corresponding rates are static and will not change during the Term notwithstanding any fluctuations in the surcharges, provided, however, that the Contractor may, in Contractor's sole discretion, decrease the amount of the surcharge during the Term.

If additional mandatory surcharges are required after the Effective Date they will be addressed through the Change process.

C-2 Verizon Rate Tables

Outbound Domestic LD Voice Rate Table		
Months 1 - 84		

Outbound - Intrastate- PA		
Origination	*Termination*	
	Local	*Dedicated*	*Switched*
Local	$0.0150	$0.0150	$0.0200
Dedicated	$0.0150	$0.0150	$0.0200
Switched	$0.0200	$0.0200	$0.0360

Outbound - Interstate		
Origination	*Termination*	
	Local	*Dedicated*	*Switched*
Local	$0.0150	$0.0150	$0.0270
Dedicated	$0.0150	$0.0150	$0.0270
Switched	$0.0270	$0.0270	$0.0480

All outbound LD calls originating from Verizon provided Centrex or PRIs will be charged the local origination rate listed in the rate tables. The local origination rate effectively prices the call as dedicated origination.

Outbound International LD Voice Rate Table		
Months 1 - 84		
Country	**Call Type**	**Rate Per Minute**
MEXICO - BAND 1	S/S (off/off)	$0.1440
MEXICO - BAND 1	D/S (on/off)	$0.1368
MEXICO - BAND 2	S/S (off/off)	$0.1440
MEXICO - BAND 2	D/S (on/off)	$0.1368

MEXICO - BAND 3	S/S (off/off)	$0.1440	**Verizon is waiving the Carrier Access Charge (CAC) and crediting PICC Fees outlined in the Tariff and/or Guide.**
MEXICO - BAND 3	D/S (on/off)	$0.1368	
MEXICO - BAND 4	S/S (off/off)	$0.1664	
MEXICO - BAND 4	D/S (on/off)	$0.1584	
MEXICO - BAND 5	S/S (off/off)	$0.1664	
MEXICO - BAND 5	D/S (on/off)	$0.1584	
MEXICO - BAND 6	S/S (off/off)	$0.1664	
MEXICO - BAND 6	D/S (on/off)	$0.1584	
MEXICO - BAND 7	S/S (off/off)	$0.1664	
MEXICO - BAND 7	D/S (on/off)	$0.1584	
MEXICO - BAND 8	S/S (off/off)	$0.1664	
MEXICO - BAND 8	D/S (on/off)	$0.1584	
UNITED KINGDOM	S/S (off/off)	$0.0547	
UNITED KINGDOM	D/S (on/off)	$0.0504	
CANADA	S/S (off/off)	$0.0770	
CANADA	D/S (on/off)	$0.0720	
CHINA	S/S (off/off)	$0.3784	
CHINA	D/S (on/off)	$0.3600	
DOMINICAN REPUBLIC	S/S (off/off)	$0.2368	
DOMINICAN REPUBLIC	D/S (on/off)	$0.2240	
FRANCE	S/S (off/off)	$0.1138	
FRANCE	D/S (on/off)	$0.1080	
GERMANY	S/S (off/off)	$0.1022	
GERMANY	D/S (on/off)	$0.1008	
GHANA	S/S (off/off)	$0.4080	
GHANA	D/S (on/off)	$0.3920	
HAITI	S/S (off/off)	$0.5040	
HAITI	D/S (on/off)	$0.4800	
SPAIN (W SAHARA)	S/S (off/off)	$0.1138	
SPAIN (W SAHARA)	D/S (on/off)	$0.1080	
JAMAICA	S/S (off/off)	$0.4632	
JAMAICA	D/S (on/off)	$0.4400	

Toll Free - Inbound Voice Service Rate Table		
Months 1 - 84		

Toll Free - Intrastate- PA		
Origination	*Termination*	
	Local	*Dedicated*	*Switched*
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Local	$0.0150	$0.0150	$0.0270
Switched	$0.0270	$0.0270	$0.0418

Toll Free - Interstate		
Origination	*Termination*	
	Local	*Dedicated*	*Switched*
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Local	$0.0150	$0.0150	$0.0270
Switched	$0.0270	$0.0270	$0.0470

Toll Free - International - Canada Origination		
Canada Origination	*Termination*	
	Local	*Dedicated*	*Switched*
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Switched	$0.0720	$0.0720	$0.0770

Enhanced Toll Free Features Pricing

Feature	Non-Recurring Charge/Install	Monthly Recurring Charge
Cross Corp Identification Routing (CCID)	$50	$50
Day of Week Routing	$50	$50
Exchange Routing	$50	$50
Geographic/Point of Call Routing	$50	$50
Percentage Allocation	$50	$50
Time of Day/Time Interval Routing	$50	$50

Premise Wiring Rate Table	
Months 1 - 84	
Cable Installation (First 100 Feet)	$500.00
Cable Installation (per additioinal 100 Feet)	$300.00
Cable Installation - Includes Installation and Labor of a single 4-pair Cat5e cable and Cat5e patch panel port.	
Hourly Labor Rates	**Rate**
Weekday Rate	$137.18
Weekend/Holiday Rates	$274.36
Overtime Rate	$205.77
Service	**Price**
Site Visit Charge	$83.33
Cable - 1 Pair Speaker Cable - Plenum/Shielded (per foot)	$0.78
Cable - 100 Pair Plenum (per foot)	$24.21
Cable - 100 Pair PVC (per foot)	$15.26
Cable - 12 - Pair Plenum (per foot)	$3.56
Cable - 18AWG - 1 Pair - Plenum - Shielded (per foot)	$0.78
Cable - 2 Pair Speaker Cable - Plenum/Shielded (per foot)	$1.19
Cable - 200 Pair Plenum (per foot)	$43.81
Cable - 200 Pair PVC (per foot)	$29.91
Cable - 24 AWG 1 Pair Cross Connect	$111.90
Cable - 24 AWG 2 Pair Cross Connect	$152.60
Cable - 25 Pair CAT 5 Plenum (per foot)	$26.86
Cable - 25 Pair CAT 5 PVC (per foot)	$9.29
Cable - 25 Pair Plenum (per foot)	$5.29
Cable - 25 Pair PVC (per foot)	$4.34
Cable - 4 Pair - CAT 5E (350) Plenum (per foot)	$1.49

Cable - 4 Pair - CAT 5E (350) PVC (per foot)	$0.75
Cable - **Black Box** 4 Pair - CAT 5E (350) Plenum (per foot)	$0.81
Cable - 4 Pair - CAT 5e(100) Plenum (per foot)	$1.19
Cable - 4 Pair - CAT 5e(100) PVC (per foot)	$0.64
Cable - 4 Pair - CAT 6 Plenum (per foot)	$3.19
Cable - 4 Pair - CAT 6 PVC (per foot)	$1.59
Cable - **Black Box** 4 Pair - CAT 6 Plenum (per foot)	$1.59
Cable- 4 Pair - CAT 6 Plenum Shielded (per foot)	$5.93
Cable - 50 Pair - Burial (per foot)	$8.27
Cable - 50 Pair Plenum (per foot)	$10.44
Cable - 50 Pair PVC (per foot)	$7.94
Cable - Aerial (per foot)	$4.82
Cable - Burial (per foot)	$4.71
Cable - Burial - CAT 5 - 4 Pair (per foot)	$3.56
Coaxial - Balun with Tail	$122.08
Coaxial - Balun without Tail	$94.95
Coaxial - Connector	$12.72
Coaxial - Connector Faceplate	$23.74
Coaxial - IBM Type 1 - Plenum (per foot)	$4.24
Coaxial - IBM Type 1 - PVC (per foot)	$3.39
Coaxial - RG-11 (per foot)	$10.17
Coaxial - RG-59 (per foot)	$2.71
Coaxial - RG-6 (per foot)	$4.24
Coaxial - RG-62 (per foot)	$2.71
Fiber - 12 Port Fiber Housing - Rack Mount	$762.98
Fiber - 12 Strand - 50/125 Plenum (per foot)	$7.58
Fiber - 12 Strand - 50/125 PVC (per foot)	$7.17
Fiber - 12 Strand - 62.5/125 Plenum (per foot)	$6.41
Fiber - 12 Strand - 62.5/125 PVC (per foot)	$5.54
Fiber - 12 Strand - M-M Outdoor (per foot)	$6.74
Fiber - 12 Strand - MM - Indoor/Outdoor - Plenum (per foot)	$7.63
Fiber - 12 Strand - SINGLEMODE Plenum (per foot)	$4.45
Fiber - 12 Strand - SINGLEMODE PVC (per foot)	$3.84
Fiber - 2 Strand - 50/125 Plenum (per foot)	$2.54

Fiber - 2 Strand - 50/125 PVC (per foot)	$2.03
Fiber - 2 Strand - 62.5/125 Plenum (per foot)	$2.54
Fiber - 2 Strand - 62.5/125 PVC (per foot)	$2.03
Fiber - 2 Strand - M/M - Indoor/Outdoor -Plenum (per foot)	$6.92
Fiber - 2 Strand - SINGLEMODE Plenum (per foot)	$1.40
Fiber - 2 Strand - SINGLEMODE PVC (per foot)	$0.94
Fiber - Innerduct - PVC (per foot)	$7.26
Fiber - Plenum Innerduct (per foot)	$22.89
Fiber - 24 Strand - 50/125 Plenum (per foot)	$15.82
Fiber - 24 Strand - 50/125 PVC (per foot)	$12.67
Fiber - 24 Strand - 62.5/125 Plenum (per foot)	$15.82
Fiber - 24 Strand - 62.5/125 PVC (per foot)	$12.67
Fiber - 24 Strand - MM - Outdoor (per foot)	$11.70
Fiber - 24 Strand -SINGLEMODE Plenum (per foot)	$12.72
Fiber - 24 Strand -SINGLEMODE PVC (per foot)	$8.29
Fiber - 48 Strand - MM - Indoor/Outdoor - Plenum (per foot)	$32.05
Fiber - 48 Strand - Single Mode - Outdoor (per foot)	$5.34
Fiber - 6 Port FC Bezel	$279.76
Fiber - 6 Strand - 50/125 Plenum (per foot)	$4.93
Fiber - 6 Strand - 50/125 PVC (per foot)	$4.63
Fiber - 6 Strand - 62.5/125 Plenum (per foot)	$3.46
Fiber - 6 Strand - 62.5/125 PVC (per foot)	$3.00
Fiber - 6 Strand - M-M - Outdoor (per foot)	$5.70
Fiber - Bezel - 6 Port	$94.10
Fiber - Bezel - Blank	$17.80
Fiber - Box Adapter - FA061	$68.67
Fiber - Consumables	$9.92
Fiber - Coupler Panel - 6 Port	$152.60
Fiber - Data Extender - Short	$1,007.13
Fiber - Fan Out Kit - 6 Strand	$63.58
Fiber - Fan-Out Kit - 12 Strand	$68.67
Fiber - FC Connector	$43.24
Fiber - Housing - 144 to 192 Port - Rack Mount	$1,534.43
Fiber - Housing - 36 to 72 Port	$915.58

Fiber - Housing - 72 to 144 Port - Rack Mount	$1,421.69
Fiber - Housing - Rack Mount - 12 Port - Swing	$902.86
Fiber - Jumper - 10M or less	$122.08
Fiber - LIU - 12 Port	$971.53
Fiber - LIU - 6 Port	$941.01
Fiber - Marker Tape	$6.36
Fiber - MTRJ Connector-MM	$81.38
Fiber - MTRJ Connector-SM	$166.16
Fiber - Panel (ST) - 12 Port	$292.27
Fiber - Panel (ST) - 6 Port	$143.34
Fiber - Panel - 48 Port - Rack Mount	$890.14
Fiber - Panel - 48 Port - Wall Mount	$826.56
Fiber - Plex Unit - FOI-1544	$3,530.06
Fiber - Plex Unit - PSQ-2910	$691.77
Fiber - Plex Unit - WMA-3002	$203.46
Fiber - SC Connector	$50.87
Fiber - ST Connector	$50.87
Fiber - LC Connector	$61.04
Fiber - Tranceiver - 100 baseT - RJ45 - Small	$750.26
Fiber - Transceiver - 6 Port - 100BT - RJ45	$6,358.17
Fiber- Hanger Bar	$190.75
Fiber- Splice Case	$1,271.63
Fiber- Splice Tray	$317.91
Fiber- Mechanical Splice Mod	$495.94
Fiber- Hybrid - 12SM/12MM Indoor Plenum (per foot)	$11.02
Fiber- Hybrid - 12SM/24MM Indoor Plenum (per foot)	$23.74
Fiber- Hybrid - 12SM/36MM Indoor Plenum (per foot)	$33.91
Fiber- Hybrid - 24SM/24MM Indoor Plenum (per foot)	$27.30
Ground Clamp	$13.35
Ground Wire-10AWG	$0.41
Guy Wire	$0.25
Guy Wire Clamp	$22.25
Hardware - "J" Hook	$9.41
Hardware - "D" Ring	$6.21
Hardware - 1 Lot Installation Hardware	$12.82

Hardware - 1 1/2" - 2 Hole Strap	$3.18
Hardware - 1 1/2" Strut Strap	$5.09
Hardware - 1" Greenfield Connector	$16.53
Hardware - 1-1/2" Schedule 40 - PVC	$5.72
Hardware - 1-1/4" Greenfield Connector	$22.89
Hardware - 10' Standard Power Pole	$495.94
Hardware - 110 Block - 100 Pair - Rack Mount w/ MGMT	$470.50
Hardware - 110 Block - 100 Pair Kit	$127.16
Hardware - 110 Block - 300 Pair Kit	$259.79
Hardware - 110 Block Label Holder	$16.28
Hardware - 110 Wire Management	$89.01
Hardware - 16" x 16" x 10" Pull Box	$381.49
Hardware - 19" Equipment Shelf	$172.94
Hardware - 2 Hole Strap - 4"	$6.36
Hardware - 2" EMT Conduit (per foot)	$8.27
Hardware - 2" EMT Connector	$5.09
Hardware - 2" EMT Coupler	$6.61
Hardware - 3" EMT Conduit (per foot)	$14.85
Hardware - 3" EMT Connector	$12.97
Hardware - 3" EMT Coupler	$10.83
Hardware - 3/4" 1 Hole Strap	$0.76
Hardware - 3/4" Coupler - EMT	$2.29
Hardware - 3/4" Flex Conduit (per foot)	$2.80
Hardware - 3/4" Flex Connector	$4.96
Hardware - 3/4" Flex to EMT Connector	$27.98
Hardware - 4" 45 Degree Elbow - PVC	$101.73
Hardware - 4" 90 Degree Elbow - PVC	$96.64
Hardware - 4" Coupler - PVC	$15.26
Hardware - 4" EMT Bushing	$6.99
Hardware - 4" EMT Conduit (per foot)	$21.16
Hardware - 4" EMT Connector	$19.43
Hardware - 4" EMT Coupler	$14.50
Hardware - 4" Schedule 40 - PVC (per foot)	$8.90
Hardware - 4"x4" Junction Box w/Cover	$50.87
Hardware - 66 Style Punch Block	$22.89

Hardware - 89D Bracket	$5.72
Hardware - 66 Block w/Bracket	$40.69
Hardware - A/C Insert Frame - 4 Port	$6.87
Hardware - A/C Power Strip - 19" Rack Mount	$470.50
Hardware - All Thread - 3/8"	$1.58
Hardware - Anchor Kit	$89.01
Hardware - Beam Clamp	$6.36
Hardware - Beam Clamp - 3/8"	$9.46
Hardware - Blue Board with 89D Brackets	$213.63
Hardware - Bridle Ring	$5.09
Hardware - C-4 Clip	$2.26
Hardware - Cable Guard	$89.01
Hardware - Cable Ties - Velcro Roll	$101.73
Hardware - Conduit - 3/4" (per foot)	$2.37
Hardware - Conduit - EMT 1" (per foot)	$4.58
Hardware - Conduit - EMT 1" - Bushing	$2.42
Hardware - Conduit - EMT 2" (per foot)	$8.27
Hardware - Conduit - EMT 2" - Bushing	$4.58
Hardware - Conduit - EMT 2" - Coupler	$6.61
Hardware - Conduit - EMT 2" - Strap	$3.81
Hardware - Conduit - EMT 3" (per foot)	$14.85
Hardware - Conduit - EMT 3" - Bushing	$12.97
Hardware - Conduit - EMT 3" - Coupler	$20.35
Hardware - Conduit - EMT 3" - Strap	$10.94
Hardware - Conduit 3/4" Compression Coupler	$2.80
Hardware - Conduit 3/4" Plastic Bushing	$1.02
Hardware - Conduit 3/4" Strap	$1.20
Hardware - Conduit Connector - 3/4"	$1.27
Hardware - Conduit LB Connector - 3/4"	$23.53
Hardware - Core Sleeve	$114.45
Hardware - Data Cabinet	$7,375.48
Hardware - Equipment Rack - 7'x19"	$635.82
Hardware - Equipment Wall Rack - 2'x19"	$554.43
Hardware - Equipment Wall Rack - 3'x19"	$648.53
Hardware - Equipment Wall Rack - 4'x19"	$852.00

Hardware - Fiber Cabinet - 24"	$1,742.14
Hardware - Fiber Cabinet - 48"	$2,085.48
Hardware - Fire Seal - Block	$114.45
Hardware - Fire Seal - Fiber Packing	$396.75
Hardware - Flex Tray - 12"x12"x10'	$294.76
Hardware - Flex Tray - 6"x2"x10'	$275.44
Hardware - FS Box - Weatherproof	$30.52
Hardware - Ground Clamp	$13.35
Hardware - Ground Wire - #6 (per foot)	$1.53
Hardware - Ground Wire - 10AWG (per foot)	$0.41
Hardware - Guy Wire (per foot)	$0.25
Hardware - Guy Wire Clamp	$22.25
Hardware - Hand Hole - 30"x72" - Open Bottom	$1,810.81
Hardware - Hand Hole Cover with 2 Bolts	$668.37
Hardware - Handhole - 24"x36"x30"	$1,810.81
Hardware - Handhole Cover - 24"x36" with 2 Bolts	$668.37
Hardware - IDF Can - 19"x30"	$457.79
Hardware - IDF Can - 36"x24"x8" Deep	$559.52
Hardware - J-Hook - CAT-12	$5.75
Hardware - J-Hook - CAT-21	$9.56
Hardware - J-Hook - CAT-32	$11.44
Hardware - J-Hook - CAT-64	$15.01
Hardware - Kelen Grip	$132.25
Hardware - Label Tape (Roll)	$76.30
Hardware - Ladder Rack - 12" Wide	$292.48
Hardware - Ladder Rack Kit - 12"	$1,271.63
Hardware - Ladder Rack Wall Assembly - 12" Wide	$89.01
Hardware - Lashing Wire (per foot)	$1.27
Hardware - Lightning Protection - 25 Pair-Gas	$578.14
Hardware - Lightning Protection - 25 Pair	$1,411.51
Hardware - Lightning Protection - 6 Pair	$445.07
Hardware - Lightning Protection - CAT 5	$394.21
Hardware - Lockable Cabinet - 24"x24"x24"	$1,831.15
Hardware - Muffin Fan - Cabinet	$427.27
Hardware - Plywood - 2'x2'	$76.30

Hardware - Plywood - 4'x4'	$172.94
Hardware - Plywood - 4'x8'	$345.88
Hardware - Pole Cable Hanger	$22.48
Hardware - Pole Hook	$12.33
Hardware - Protection - Gas Module	$11.19
Hardware - Protection - Housing - 100 Pair	$1,683.64
Hardware - Protection - Housing - 50 Pair	$1,258.92
Hardware - Pull Box - Outdoor - 24"x24"x12"	$1,195.34
Hardware - Pull Box w/Cover - 18"x18"x6"	$141.76
Hardware - Pull Box with Cover - 12"x12"x6"	$157.68
Hardware - Pull Box with Cover - 12"x12"x8"	$162.77
Hardware - Pull Box with Cover - 18"x18"x18"	$508.65
Hardware - Pull String - Bucket	$139.88
Hardware - PVC Box with Cover - 12" x 12"	$241.61
Hardware - PVC Bushing - 3"	$9.54
Hardware - PVC Junction Box - 8"x8"	$122.08
Hardware - PVC Locknut - 3"	$9.54
Hardware - PVC Male TA - 3"	$30.52
Hardware - Sheet Rock Patching	$132.25
Hardware - Single Gang Box - Deep	$19.07
Hardware - Single Gang Box - Shallow	$17.80
Hardware - Splice Case	$635.82
Hardware - Splice Module	$17.80
Hardware - Splice Tray Connector - 1 Bag	$475.79
Hardware - Splice Tray Nut/Bolt Assembly - 1 Bag	$25.43
Hardware - Strut Clamps - 4"	$8.90
Hardware - Stud Box Support	$3.10
Hardware - Tyrap	$0.51
Hardware - Tyrap - Outdoor Rated	$0.81
Hardware - Unistrut	$5.34
Hardware - Wall Bracket - 1.75"x19"	$122.08
Hardware - Wall Bracket - 3.5"x19"	$147.51
Hardware - Weatherproof Cabinet - 24"H x 18"D x19"W	$2,746.73
Hardware - Wire Lube	$63.58
Hardware - Wire Management - 3.5"x19"	$218.72

Hardware - Wire Management Panel - 1.75"x19"	$157.68
Hardware - IDF Can-19"x30"	$457.79
Hardware - IDF Can-36"x24"x8 Deep	$559.52
Hardware - Data Cabinet-RM560-R2	$5,849.52
Hardware - Outdoor Bell- Med	$508.93
Hardware - Enclosure Lock VE-PBL	$228.89
Hardware - PPTC-9 DB9 to RJ11 adaptor	$172.94
Hardware - Stick- Line Sharing Device	$635.82
Hardware - Enclosure Box-18"X18"X6" AHE	$546.80
Hardware - Enclosure Lock - AHE	$254.33
Hardware - ONEAC Battery for UPS	$2,543.27
Hub Splitter	$61.04
Jack - 25 Pair to Analog Amp Adapter - One Port	$19.38
Jack - Blank Inserts	$2.16
Blank inserts (pkg. of 10)	$16.53
Jack - Box Eliminator (MP1/Caddie)	$6.99
Jack - CAT 3 - 8 Pin	$16.53
Jack - CAT 5 - Modular	$16.53
Jack - CAT 5e - Modular	$17.80
Jack - CAT 6 - Modular	$30.52
Jack - Faceplate	$12.72
Jack - Furniture Faceplate	$18.69
Jack - RJ-11	$14.50
Jack - RJ-11 Modular Connector	$0.89
Jack - RJ-45	$20.35
Jack - RJ-45 Modular Connector	$2.16
Jack - Surface - CAT 3 / 6 Pin	$15.26
Jack - Surface Box - 2 Position	$12.72
Jack - Surface Box - 4 Position	$19.74
Jack - Surface Mount Box	$20.35
Jack - Wall Jack	$20.35
Jack - Harmonica Jack	$68.03
Misc. - Bucket Truck (Daily)	$1,907.45
Misc. - 1 lot -Building Permit	$127.16
Misc. - Polycom SS2 W	$2,171.95

Misc. - Polycom SS2 MICS(2)	$539.17
Misc. - Wireless Headset	$572.24
Misc. - Handset Lifter	$233.98
Misc. - Handset Cord 6ft-25ft	$25.31
Misc. - Line Cord/Black 3ft-25ft.	$27.85
Paging - 5 Watt Horn	$419.64
Paging - 70V-250Watt Amplifier	$4,028.54
Paging - 70V-Telephone Access Module	$762.98
Paging - PCMCPU Module	$482.51
Paging - PCMCS Power Supply	$122.48
Paging - RPK Rack Mount	$102.95
Paging - Speaker Enclosure	$47.05
Paging - Tile Bridge	$25.43
Paging - TIM Module	$592.58
Paging - ZPM - 3 Zone Module	$412.77
Paging-70v 100 Watt Amplifier	$2,083.75
Paging-70v 35 Watt Amplifier	$1,553.94
Paging-70v Baffle	$172.94
Paging-70v Horn	$266.33
Paging-70v Speaker w/Volume Control	$114.45
Paging-70v Volume Control	$89.01
Paging-Bracket/Backbox for Speaker	$72.48
Paging- 70V 15W Amp	$801.13
Paging- 70V 60W Amp	$1,525.96
Paging 70V 3 Zone Page Adaptor	$1,017.31
Paging- Rack Kit	$165.31
Paging - Valcom Power Supply Small	$432.36
Patch Cord - 10' CAT 5e	$28.28
Patch Cord - 25' CAT 5e	$48.27
Patch Cord - 3' CAT 5e	$19.13
Patch Cord - 5' CAT 5e	$21.41
Patch Cord - 7' CAT 5e	$24.21
Patch Cord -50' CAT 5e	$44.00
Patch Cord -100' CAT 5e	$77.91
Patch Cord - 3' CAT 6	$36.42

Patch Cord - 5' CAT 6	$39.37
Patch Cord - 7' CAT 6	$42.42
Patch Cord -10' CAT 6	$46.95
Patch Cord -25' CAT 6	$68.26
Patch Cord -50' CAT 6	$47.39
Patch Cord -100' CAT 6	$76.21
Patch Panel - 12 Port - CAT 5e	$330.63
Patch Panel - 12 Port Panel Frame	$96.64
Patch Panel - 24 Port - CAT 5e	$572.24
Patch Panel - 24 Port - CAT 6	$661.25
Patch Panel - 24 Port Panel Frame	$108.22
Patch Panel - 48 Port - CAT 5e	$1,007.13
Patch Panel - 48 Port - CAT 6	$1,286.89
Patch Panel - 48 Port Panel Frame	$185.66
Patch Panel - 96 Port CAT 5e	$2,037.16
Hardware - Plywood - 4'x4'	$172.94
Hardware - Plywood - 4'x8'	$345.88
Raceway - Metal	$15.26
Raceway - Metal Fittings	$12.72
Raceway - Panduit - Fitting	$12.72
Raceway - Panduit Raceway	$16.53
Import Cable Management Record (per record)	$25.43

Pay Phone Rate Table	
Charges the Public Will Be Charged When Using a Payphone	
Local Call	$0.50
Directory Assistance:	
Local coin directory assistance	$0.50
Intrastate long distance directory assistance	$1.00
Interstate long distance directory assistance	$2.00
Payphone Commission Rate Structure to the Commonwealth	
20% of Revenues which are above a $200.00/phone/month threshold	

Ethernet Private Line Rate Table			
Months 1 - 84			
	Intralata A & Z locations within Verizon Franchise Territory	Intralata A or Z location not within Verizon Franchise Territory	Interlata
Transport / Point to Point	MRC	MRC	MRC
Metro/Intra-lata P2P Ethernet 1000Mbps	$14,056.00	* see Ethernet Private IP Port Rate Table for Port and Access Rates located in the ATM-Ethernet tab. Each Commonwealth location will need one port and one access circuit.	* see Ethernet Private IP Port Rate Table for Port and Access Rates located in the ATM-Ethernet tab. Each Commonwealth location will need one port and one access circuit.
Metro/Intral-lata P2P Ethernet 500 (Vz 600Mbps Service)	$10,032.00		
Metro/Intralata P2P Ethernet 200Mbps (Vz 300Mbps Service)	$6,464.00		
Metro/Intralata P2P Ethernet 100Mbps	$3,840.00		
Metro/Intralata P2P Ethernet 50Mbps	$2,866.00		
Metro/Intralata P2P Ethernet 6Mbps (Vz 10Mbps Service)	$1,864.00		
Inter/Interlata-city P2P Ethernet 500Mbps	n/a		
Inter/Interlata-city P2P Ethernet 200Mbps	n/a		
Inter/Interlata-city P2P Ethernet 100Mbps	n/a		
Inter/Interlata-city P2P Ethernet 50Mbps	n/a		

Ethernet Point-to-Point - The circuit quantities in this Exhibit D are priced based on the average rate of the existing locations. For specific rates, see Ethernet Private Line rate table.

Frame Relay Access to Private IP Rate Table	
Months 1 - 84	

Subrate Access to MPLS with PVC below	MRC
16K	$90.32
32K	$95.64
56/64K	$101.28
128K	$122.57
256K	$145.14
384K	$172.71
512K	$200.27
768K	$275.41
1024K	$290.55
1152K	$303.12

	MRC
Direct DS1 Access to MPLS (1544K)	$316.00

Ethernet Access to Private IP Rate Table		
Months 1 - 84		

MPLS Port Speed	MRC		Access		
1M Ethernet	$142				**MRC**
2M Ethernet	$278		Ethernet	10Mb	$1,600.00
3M Ethernet	$307		Ethernet	50Mb	$1,821.00
4M Ethernet	$373		Ethernet	100Mb	$2,145.00
5M Ethernet	$411		Ethernet	150Mb	$2,469.00
6M Ethernet	$431		Ethernet	200Mb	$4,434.00
7M Ethernet	$476		Ethernet	250Mb	$4,650.00
8M Ethernet	$516		Ethernet	300Mb	$4,866.00
9M Ethernet	$535		Ethernet	400Mb	$5,298.00
10M Ethernet	$588		Ethernet	500Mb	$5,514.00
15M Ethernet	$682				
20M Ethernet	$709				
25M Ethernet	$754				
30M Ethernet	$776				
35M Ethernet	$821				
40M Ethernet	$858				
50M Ethernet	$926				
60M Ethernet	$1,074				
70M Ethernet	$1,210				
80M Ethernet	$1,333				
90M Ethernet	$1,445				
100M Ethernet	$1,543				
150M Ethernet	$2,253				
200M Ethernet	$2,963				
250M Ethernet	$3,642				
300M Ethernet	$4,260				
350M Ethernet	$4,877				
400M Ethernet	$5,432				

450M Ethernet	$5,827
500M Ethernet	$6,173
600M Ethernet	$7,037
700M Ethernet	$7,778
800M Ethernet	$8,395
900M Ethernet	$8,889
1000M Ethernet	$9,260

Notes for Ethernet Access to Private IP Rate Table:

1) Verizon's solution is designed to offer Ethernet in lieu of ATM.

2) As stated in the SOW, at the time a service order is acknowledged/received, the Contractor shall determine unusual installation factors that require additional cost and notify the Commonwealth requestor of service.   The Contractor shall give an itemized bill for additional cost and specified reasons to the Commonwealth.

3) Total price is equal to the port price plus the price for the appropriate access type.

Alarm Circuits				
Service/Price Element	**Description**	**MRC**	**NRC**	
2-Wire Voice Grade Ckt	Cell rate 4 (highest)	$24.65		

Transmission Function – Location A	Different CO w/o Signaling	$12.25	First Install - $418.15	Each Addl - $240.00
Transmission Function – Location Z	Different CO w/o Signaling	$12.25	First Install - $418.15	Each Addl - $240.00
Fixed Mileage	Fixed Mileage	$16.00		
	Total MRC	$65.15		

Web Center ACD Rate Table	
Months 1 - 84	
Incremental Web Center ACD Pricing	**MRC**
ACD Agent	$75.00
ACD Supervisor	$175.00

Alternate Technology Services

IntraLata Switched Ethernet Services (SES)

INTRALATA - SWITCHED ETHERNET SERVICE (SES)*

UNI (User Network Interface) Pricing

UNI Bandwidth	UNI Type	Monthly Recurring
10Mb UNI	EVPL-SES	$ 605.00
100Mb UNI	EVPL-SES	$ 840.00
1000Mb UNI	EVPL-SES	$ 1,025.00

EVC (Ethernet Virtual Circuit) Pricing

EVC Bandwidth (Mb)	EVC Type	Monthly Recurring
1	Priority data EVC	$ 15.00
2	Priority data EVC	$ 22.00
3	Priority data EVC	$ 35.00
4	Priority data EVC	$ 45.00
5	Priority data EVC	$ 50.00
6	Priority data EVC	$ 70.00
7	Priority data EVC	$ 80.00
8	Priority data EVC	$ 90.00
9	Priority data EVC	$ 100.00
10	Priority data EVC	$ 110.00
20	Priority data EVC	$ 200.00
30	Priority data EVC	$ 350.00
40	Priority data EVC	$ 400.00
50	Priority data EVC	$ 450.00

Pricing formula

Single Location Price = A End-UNI + A End-EVC

Pt-Pt Price = A End-UNI + A End-EVC + Z End-UNI + Z End-EVC

EXAMPLE

To price a 200Mb Ethernet Pt-Pt circuit:

Pt-Pt Price = A End-UNI + A End-EVC + Z End-UNI + Z End-EVC

Pt-Pt Price = $1,025 + $850 + $1,025 + $850 = $3,750 MRC

EXAMPLE Pricing Table for a 200Mb Ethernet Pt-Pt served via SES

Ethernet Pt-Pt Bandwidth	Per End Total	Per End x 2 Ends
1000Mb UNI	$ 1,025.00	$ 2,050.00
200Mb EVC	$ 850.00	$ 1,700.00
200mb Total	**$ 1,875.00**	**$ 3,750.00**

EVC Rules - % of UNI Threshold Requirements

Priority Data EVC must be less than or equal to 85% of UNI Speed

EXAMPLE

A 100Mb EVC is greater than 85% of a 100Mb UNI, therefore the 100Mb EVC

100	Priority data EVC	$	750.00
200	Priority data EVC	$	850.00
300	Priority data EVC	$	950.00
400	Priority data EVC	$	1,050.00
500	Priority data EVC	$	1,100.00

would have to run over a 1000Mb UNI of which it is only 10%

<u>* IntraLata - Switched Ethernet Service (SES)</u>
<u>Notes:</u>

1- Service available on an IntraLata basis where facilities are available within the Verizon ILEC SES network

2- Customer wire center can be no more than 20 miles from the nearest Verizon ILEC SES node in the Lata

3- Bandwidth cannot exceed 500Mb, the highest available EVC speed

InterLata Ethernet Virtual Private Line National (EVPL)

INTERLATA - ETHERNET VIRTUAL PRIVATE LINE (EVPL) NATIONAL*

Ethernet Virtual Private Line Transport Pricing

Transport Speed	Monthly Recurring
5mb	$ 630.00
10Mb	$ 980.00
20mb	$ 1,140.00
40mb	$ 1,360.00
50Mb	$ 1,480.00
80Mb	$ 1,748.00
100Mb	$ 1,880.00
150Mb	$ 2,120.00
300Mb	$ 3,220.00
600Mb	$ 4,410.00
1000mb	$ 8,440.00

* InterLata - Ethernet Virtual Private Line (EVPL) Notes:

1- Service offered on an InterLata basis where facilities are available

Pricing formula:

Pt-Pt Price = A End-Access + EVPL Transport + Z End-Access

EXAMPLE:

Pricing for a 200Mb Pt-Pt Ethernet Circuit

Pt-Pt Price = A End-Access + EVPL Transport + Z End-Access

Pt-Pt Price = $4,434 + $3,220 + $4,434 = $12,088 MRC

In above example, since there is no 200Mb Transport Speed available the circuit is priced at the next highest transport speed which is 300Mb.

EXAMPLE Pricing Table for 200Mb Ethernet Pt-Pt

Ethernet Pt-Pt Bandwidth	A End-Ethernet Access**	Transport	Z End-Ethernet Access**	Total Monthly Recurring
200mb	$ 4,434.00	$ 3,220.00	$ 4,434.00	$ 12,088.00

**From 'Ethernet Access to Private IP Rate Table'

2- Available Transport speeds: 5Mb, 10Mb, 20Mb, 40Mb, 50Mb, 80Mb, 100Mb, 150Mb, 300Mb, 600Mb, 1000Mb. Required Transport Speeds that are not available will be priced at the next highest bandwidth rate.

Professional Rate

Hourly Rates	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Telecommunications Managed Services							
Network Manager	$91.35	$94.17	$97.08	$100.09	$103.18	$106.37	$109.66
FTE Type 2							