

**Verizon Northwest Inc.  
Washington  
Expanded Interconnection Services  
Glossary of Elements**

**VIRTUAL COLLOCATION NON-RECURRING CHARGES**

**(1a, 1b) Engineering/Major Augment - Virtual with Entrance Facilities and Engineering/Major Augment - Virtual without Entrance Facilities**

The Engineering/Major Augment-Virtual Fee applies for each initial Virtual collocation request or Major Augment request for existing virtual collocation arrangements. This charge recovers the costs of the initial walkthrough to determine if there is sufficient collocation space, the best location for the collocation area, what building modifications are necessary to provide collocation, and if sufficient DC power facilities exist in the premises to accommodate collocation. This fee also includes the total time for the Land and Building Engineer, and the Central Office Engineer to attend status meetings. If the entrance facilities are required, this fee may include time for the Outside Plant Engineer to attend status meetings as well.

If the virtual collocation arrangement requested requires entrance facilities, the Engineering/Major Augment – Virtual with Entrance Facilities Fee applies. If the virtual collocation arrangement requested does not require entrance facilities, the Engineering/Major Augment – Virtual without Entrance Facilities Fee applies.

Major Augments include those requests that require AC or DC power, add equipment that generates more BTUs of heat, or require an increase in the virtual collocation floor space, over what the CLEC requested in its original application. A complete Application and Engineering Fee will be required when submitting a virtual collocation request that requires a major augment.

**(2) Virtual Equipment Installation**

The Virtual Equipment Installation charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by the Company for engineering and installation of the virtual collocation equipment. This charge would apply to the installation of powered equipment including but

not limited to ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48, and NGDLC.

**(3) Virtual Software Upgrades**

The Virtual Software Upgrade charge is applied, per base unit, when the Company, upon CLEC request, installs software to upgrade equipment for an existing Virtual Collocation arrangement.

**(4) Virtual Card Installation**

The Virtual Card Installation charge is applied per card when the Company, upon CLEC request, installs additional cards for an existing Virtual Collocation arrangement.

**(5,8) Facility Cable – Category 5 & Patchcord 24-Fiber**

The CLEC has the option of providing its own cable or the Company may, at the CLEC's request, provide the necessary transmission and power cables. If the Company provides these cables, the applicable Cable Material Charge will be applied.

**(6) Fiber Optic Patchcord Pull**

The Facility Pull charge is applied per cable run and recovers the labor cost of pulling the fiber optic patchcord cables from the collocation cage or relay rack to the fiber distribution panel.

**(7) Fiber Optic Patchcord Termination**

The Fiber Optic Patch Cord Termination non-recurring cost includes the labor cost of terminating Fiber Optic Patch Cord cable from the collocation cage or relay rack to the designated fiber distribution panel. This fee is applied on a per termination basis.

**DEDICATED TRANSIT SERVICE NON-RECURRING CHARGES**

**(9, 17, 26) Service Order-Semi-Mechanized**

The Service Order-Semi-mechanized rate is applied per DTS order to the requesting CLEC for the recovery of DTS order placement and issuance costs when the semi-mechanized ordering interface is utilized.

**(10, 18, 27) Service Order-Manual**

The Service Order-Manual rate is applied per DTS order to the requesting CLEC for the recovery of DTS order placement and issuance costs when the semi-mechanized ordering interface is not utilized.

**(11, 19, 20, 28) Service Connection-CO Wiring**

The Service Connection-CO Wiring rate is applied per DTS circuit to the requesting CLEC for recovery of DTS jumper material, wiring, and service turn-up for DS0, DS1, DS3 and dark fiber circuits.

**(13-16, 22-25, 30-33) Service Order / Service Connection - Disconnect**

The Service Order-Disconnect and Service Connection-Disconnect rates are applied per DTS order or circuit, as necessary, to the requesting CLEC for the recovery of DTS disconnect costs for DS0, DS1, DS3 and dark fiber.

**(12, 21, 29) Service Connection-Provisioning**

The Service Connection-Provisioning rate is applied per DTS order to the requesting CLEC for recovery of circuit design and labor costs associated with the provisioning of DS0, DS1, DS3 and dark fiber circuits for DTS.

**COLLOCATION MONTHLY RECURRING CHARGES**

**(34) Virtual Equipment Maintenance**

The Virtual Equipment Maintenance charge is applied on a per quarter rack (or quarter bay) basis and recovers the costs incurred by the Company for maintenance of the virtual collocation equipment and the frame floor space it occupies. This charge would apply to the maintenance of equipment including, but not limited to ATM, DSLAM, frame relay, routers, OC3, OC12, OC24, OC48 and NGDLC.

**(35) Facility Termination – Fiber Optic Patchcord**

The Facility Termination (Optical) charge is applied per optical connector terminated. This charge recovers the labor and material cost of the optical termination at the fiber distribution panel.

**(36) Cable Duct Space - Fiber Optic Patchcord**

This charge is for the tray material, engineering and installation cost for the fiber guide duct system material used to protect, support and route the fiber optic patchcord between the collocater's equipment and the Verizon designated collocater's fiber distribution panel.