

RESOLUTION NO. 1606

**A Resolution of the Board of Commissioners
of Public Utility District No. 1 of Okanogan County
Establishing Wholesale Wireless Rates on the District's Telecommunication System**

WHEREAS, the District has installed a fiber-optic and wireless telecommunications system to provide wholesale broadband services to retail providers; and

WHEREAS, the District has established rates for wholesale services charged to retail providers; and

WHEREAS, it is necessary to periodically review the rates to verify the services offered and charges for such services are fair and reasonable; and


WHEREAS, the District has determined it needs to offer rates for various configurations of services; and

WHEREAS, the District has determined it is prudent to clarify the service definitions; and

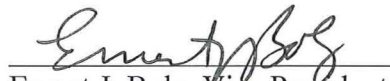
WHEREAS, this Resolution supersedes previous rate resolutions and service definitions without affecting the terms of existing written contracts.

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of Public Utility District No. 1 of Okanogan County adopts the Wholesale Broadband Rate Schedule attached hereto as Exhibit A and the Service Definitions attached hereto as Exhibit B, to be effective July 1, 2015, without affecting the terms of existing written contracts.

PASSED AND APPROVED this 22nd day of June, 2015.




Steve Houston, President



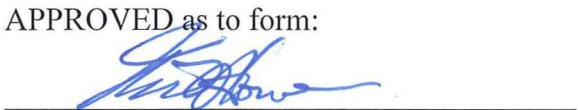
Ernest J. Bolz, Vice President

ATTEST:



Scott Vejraska, Secretary

APPROVED as to form:



Michael D. Howe, General Counsel

Resolution No. 1606 – Exhibit A

Carrier Services	5Yr Term MRC	10Yr Term MRC	15Yr Term MRC	20Yr Term MRC
Dark Fiber (per strand per mile, min 2 strands, min 20 miles)	\$80.00	\$70.00	\$60.00	\$50.00

Wavelength Services	1Yr Term MRC	3Yr Term MRC	5Yr Term MRC	10Yr Term MRC
10G Network Interface	\$2,750.00	\$2,475.00	\$2,200.00	\$1,530.00
10G wavelength Transport Fee (per mile)	\$30.00	\$27.00	\$24.00	\$17.00
2.5G Network Interface	\$1,375.00	\$1,237.50	\$1,100.00	\$756.00
2.5G wavelength Transport Fee (per mile)	\$15.00	\$13.50	\$12.00	\$8.50
1.25G Network Interface	\$687.50	\$618.75	\$550.00	\$378.25
1.25G Wavelength Transport Fee (per mile)	\$7.50	\$6.75	\$6.00	\$4.25

<i>(*NRC=non-recurring charge)</i>	NRC	1Yr Term MRC	3Yr Term MRC	5Yr Term MRC
10GbaseX Fiber Interface	\$100.00	\$500.00	\$435.00	\$370.00
1000BaseX Fiber/Copper Interface	\$100.00	\$250.00	\$218.00	\$185.00
Ethernet Data Rate 10Mbps	\$100.00	\$45.00	\$39.00	\$33.00
Ethernet Data Rate 20Mbps	\$100.00	\$81.00	\$70.00	\$60.00
Ethernet Data Rate 50Mbps	\$100.00	\$169.00	\$147.00	\$125.00
Ethernet Data Rate 70Mbps	\$100.00	\$220.00	\$191.00	\$163.00
Ethernet Data Rate 100Mbps	\$100.00	\$288.00	\$251.00	\$213.00
Ethernet Data Rate 200Mbps	\$100.00	\$477.00	\$415.00	\$353.00
Ethernet Data Rate 300Mbps	\$100.00	\$629.00	\$547.00	\$465.00
Ethernet Data Rate 400Mbps	\$100.00	\$756.00	\$658.00	\$559.00
Ethernet Data Rate 500Mbps	\$100.00	\$866.00	\$753.00	\$641.00
Ethernet Data Rate 600Mbps	\$100.00	\$961.00	\$836.00	\$711.00
Ethernet Data Rate 700Mbps	\$100.00	\$1,044.00	\$908.00	\$773.00
Ethernet Data Rate 800Mbps	\$100.00	\$1,116.00	\$971.00	\$826.00
Ethernet Data Rate 900Mbps	\$100.00	\$1,180.00	\$1,027.00	\$873.00
Ethernet Data Rate 1000Mbps	\$100.00	\$1,236.00	\$1,075.00	\$915.00
Protected Ethernet Data Rate 10Mbps	\$100.00	\$67.50	\$58.50	\$49.50
Protected Ethernet Data Rate 20Mbps	\$100.00	\$121.50	\$105.00	\$90.00
Protected Ethernet Data Rate 50Mbps	\$100.00	\$253.50	\$220.50	\$187.50
Protected Ethernet Data Rate 70Mbps	\$100.00	\$330.00	\$286.50	\$244.50
Protected Ethernet Data Rate 100Mbps	\$100.00	\$432.00	\$376.50	\$319.50
Protected Ethernet Data Rate 200Mbps	\$100.00	\$715.50	\$622.50	\$529.50
Protected Ethernet Data Rate 300Mbps	\$100.00	\$943.50	\$820.50	\$697.50
Protected Ethernet Data Rate 400Mbps	\$100.00	\$1,134.00	\$987.00	\$838.50
Protected Ethernet Data Rate 500Mbps	\$100.00	\$1,299.00	\$1,129.50	\$961.50
Protected Ethernet Data Rate 600Mbps	\$100.00	\$1,441.50	\$1,254.00	\$1,066.50
Protected Ethernet Data Rate 700Mbps	\$100.00	\$1,566.00	\$1,362.00	\$1,159.50
Protected Ethernet Data Rate 800Mbps	\$100.00	\$1,674.00	\$1,456.50	\$1,239.00
Protected Ethernet Data Rate 900Mbps	\$100.00	\$1,770.00	\$1,540.50	\$1,309.50
Protected Ethernet Data Rate 1000Mbps	\$100.00	\$1,854.00	\$1,612.50	\$1,372.50
Carrier Interconnection	\$100.00	\$600.00	\$600.00	\$600.00

Business Services	NRC	1Yr Term MRC	3Yr Term MRC	5Yr Term MRC
10GbaseX Fiber Interface	\$50.00	\$250.00	\$218.00	\$185.00
1000BaseX Fiber/Copper Interface	\$50.00	\$100.00	\$87.00	\$74.00
Ethernet Data Rate (Mgt Connection) 10Mbps	\$50.00	\$24.00	\$21.00	\$18.00
Ethernet Data Rate 100Mbps	\$50.00	\$155.00	\$135.00	\$115.00
Ethernet Data Rate 200Mbps	\$50.00	\$257.00	\$224.00	\$190.00
Ethernet Data Rate 300Mbps	\$50.00	\$339.00	\$295.00	\$251.00
Ethernet Data Rate 400Mbps	\$50.00	\$407.00	\$354.00	\$301.00
Ethernet Data Rate 500Mbps	\$50.00	\$466.00	\$405.00	\$345.00
Ethernet Data Rate 1000Mbps	\$50.00	\$666.00	\$579.00	\$493.00
Protected Ethernet Data Rate (Mgt only) 10Mbps	\$50.00	\$36.00	\$31.50	\$27.00
Protected Ethernet Data Rate 100Mbps	\$50.00	\$232.50	\$202.50	\$172.50
Protected Ethernet Data Rate 200Mbps	\$50.00	\$385.50	\$336.00	\$285.00
Protected Ethernet Data Rate 300Mbps	\$50.00	\$508.50	\$442.50	\$376.50
Protected Ethernet Data Rate 400Mbps	\$50.00	\$610.50	\$531.00	\$451.50
Protected Ethernet Data Rate 500Mbps	\$50.00	\$699.00	\$607.50	\$517.50
Protected Ethernet Data Rate 1000Mbps	\$50.00	\$999.00	\$868.50	\$739.50

Small Business Services	NRC	1Yr Term MRC	3Yr Term MRC	5Yr Term MRC
0100BaseT Connection (Full Port Capacity)	\$50.00	\$65.00	\$55.00	\$50.00

Residential Services	NRC	1Yr Term MRC
0100BaseT Connection (Full Port Capacity)	\$50.00	\$35.00

Backbone Transport	NRC	1Yr Term MRC	3Yr Term MRC	5Yr Term MRC
Local Loop Mileage Fee (per mile)		\$10.00	\$10.00	\$10.00

Wireless Services	NRC	1Yr Term MRC
Legacy Wireless 1/2 Mbps	\$40.00	\$18.00
Legacy Wireless 1Mbps	\$40.00	\$26.00
Legacy Wireless 2 Mbps	\$40.00	\$34.00
Legacy Dish		\$2.00
Legacy Stinger		\$1.00
Broadband Wireless 3/1Mbps		\$10.00
Broadband Wireless 7/3Mbps		\$17.00
Broadband Wireless 12/6Mbps		\$24.00
Broadband Wireless 20/10Mbps		\$31.00
M2	\$40.00	\$3.00
M2 Bridge	\$40.00	\$3.00
M5	\$40.00	\$3.00
M5 Bridge	\$40.00	\$3.00

Hosted Services	NRC	1Yr Term MRC	3Yr Term MRC	5Yr Term MRC
Hosted Routing	\$300.00	\$500.00		
Rooftop Colocation Space Base Charge (1 st 3 square feet)	\$100.00	\$350.00		
Rooftop Colocation Space addtl square foot		\$10.00		
Colocation Cabinet	\$100.00	\$500.00	\$435.00	\$370.00
Colocation 1/2 Cabinet	\$100.00	\$250.00	\$218.00	\$185.00
Colocation 1RU	\$100.00	\$58.00	\$50.00	\$43.00
Colocation AC Power (15Amp Circuit)	\$100.00	\$100.00	\$87.00	\$74.00
Colocation DC Power (15Amp Circuit)	\$100.00	\$140.00	\$122.00	\$104.00

Technical Services and Support	NRC
Engineering / Troubleshooting (rate per hour)	\$100.00

Resolution No. 1606 – Exhibit B
Okanogan County PUD
Service Definitions

Residential Fiber Services

The type of property defined by the parcel definition or zoning as “Residential”, a single dwelling or multi dwelling land with a building structure for the sole purpose of providing living accommodations.

Residential Services would include Voice, Video, Data or Internet with limitation to the capacity of the services without the ability to retransmit or resell the services to any party outside the residential parcel being served. These services would be for the sole purpose of the resident’s personnel use. Service levels or quality of services would be defined as “Best Effort”, and Customer Premise Equipment “CPE” devices would be defined as basic equipment with limited functionality. All services must be provided to the residential user through a “Retail Service Provider” with billing information related to the customer and location.

Limitations:

- No Resale, Re-transmit, or Transport beyond the residential property allowed
- Service response will be limited to 8:00 am to 5:00 pm Monday through Friday (excluding holidays)

Small Business Fiber Services

The type of property defined by the parcel definition or zoning as “Residential”, “Commercial” or “Industrial”, a structure or land with categories of Living Accommodations, Leisure, Retail, Office, Industrial or Government. Small Business Services would include Voice, Video, Data or Internet with limitation to the capacity of services without the ability to retransmit or resell the services to any party outside the parcel being served. Service levels or quality of services would be defined as “Basic”, and Customer Premise Equipment “CPE” devices would be defined as basic equipment with limited functionality. All services must be provided to Small Business address through a “Retail Service Provider” with billing information related to the customer and location.

Limitations:

- No Resale, Re-transmit, or Transport beyond the Small Business property allowed
- Service response will be limited to 7:00 am to 7:00 pm Monday through Saturday (excluding holidays)

Commercial/Business Fiber Services

The type of property defined by the parcel definition or zoning as “Commercial” or “Industrial”, a structure or land with categories of Leisure, Retail, Office, Industrial or Government. Commercial

Services would include Voice, Video, Data or Internet with limitation to the capacity of services without the ability to retransmit or resell the services to any party outside the commercial parcel being served. Service delivery would be defined as “Basic”, “Redundant” or “Self-Healing” and subject to availability, pricing and a Service Level Agreement “SLA”. The Customer Premise Equipment “CPE” devices would be defined as commercial grade, installed based on the service delivery and service level requirements outlined by the “Provider”. All services must be provided to the commercial address through a “Retail Service Provider” with billing information related to the customer and location.

Limitations:

- SLA – Defined by Provider: Basic, Redundant or Self-Healing
- No Resale, Re-transmit, or Transport beyond the Commercial property allowed

Carrier/Provider Fiber Services

A Carrier or Provider is defined as a business with the sole intent to provide telecommunications or communication services to a customer, business or to another carrier or provider. The type of services could be defined as “Residential”, “Commercial,” or the delivery of services to another Carrier or Provider. Service delivery within the Carrier’s or Provider’s network for the sole purpose to transport or preparation for service delivery to customers would be defined as “Carrier or Provider” grade services. Services delivered to another Carrier or Provider would be classified as “Carrier or Provider” grade services.

Services would be defined as “Basic”, “Redundant” or “Self-Healing” and subject to availability, pricing and a Service Level Agreement “SLA”. The Customer Premise Equipment “CPE” devices would be defined as commercial grade, installed based on the service delivery and service level requirements outlined by the “Provider”. All services must have an end user billing information to be defined as “Residential” or “Commercial”; otherwise they would be classified as Carrier or Provider Services.

Limitations:

- SLA – Defined by Service Type: Basic, Redundant or Self-Healing

Note: All services which are re-transmitted, resold, or transported, that is not a resident or commercial business which is billed or invoiced from the provider, will be defined as Carrier or Provider Services.

Response to service related issues will be offered in order of service type with service priority offered in the following order:

Priority 1 – Hosted Services (Colocation and Hosted Routing)

Priority 2 - Carrier Grade Services

Priority 3 – Business Grade Services

Priority 4 – Small Business Grade Services

Priority 5 – Residential Grade Services

Priority 6 – Wireless Services

Hosted Routing Services

Hosted routing services are a value added service that allows Retail Service Providers to forego the responsibility of managing and maintaining their own routing infrastructure to route customer traffic to an upstream Internet Bandwidth provider. This service is only available to Retail Service Providers whose entire customer base is served solely from the broadband infrastructure that is owned and operated by the Public Utility District No. 1 of Okanogan County. The services offered under the Hosted Routing package are as follows:

Package Description

1 Network interface to support the transport of RSP traffic within the PUD's network infrastructure

1 Network interface to support connectivity to Upstream Internet Bandwidth

RSP traffic traversing the PUD's backbone network shall take advantage of any ring avoidance protocols in place on said backbone

DNS Administration

Installation and Maintenance of Hosted Routing Service

24 x 7 x 365 Troubleshooting and Maintenance

Ongoing Router Configuration Management (Config Modifications)

Routable IP address Acquisition and Management

On-Line access to the following graphed router stats:

- CPU utilization vs. Time
- Memory Utilization vs. Time
- BW Utilization on Commercial Traffic Port vs. Time
- BW Utilization on Upstream Internet Bandwidth Port vs. Time

Waiver of Non-Reoccurring Charges

The District will waive the \$40 non-reoccurring charge for each District provided Legacy Wireless connection (Canopy System) that an RSP converts to a new Wifi Broadband (PUD Wifi) connection.

Wireless Broadband

As many variables outside of our control are factored into the throughput available over a wireless link, the District deems services offered over our wireless infrastructure to be of a "Reasonable Effort" nature and wireless connection speeds offered over said infrastructure cannot be guaranteed.