

**Public Utility District No. 2 of Grant County, Washington**  
**Product and Service Schedule 100**

**Wholesale High Speed Network**

**Resolution 8913**

**Effective 04/01/2019**

- A. The products & services listed on this schedule are available to qualified Service Providers desiring to use the District's wholesale fiber optic and wireless network. The District reserves the right, at its sole option to discontinue service(s) listed in this product & service schedule at any time.
- B. Prices listed in all tables below are monthly recurring charges unless otherwise noted.
- C. The District provisions VLAN's to connect a Service Provider to its subscribers (aka Customer VLAN). The Customer VLAN is to be used for connecting unrelated subscribers to the Service Provider's network. The number of Customer VLANs being used by any single Service Provider will be at the District's discretion.
- D. The Service Provider's physical interface(s) to the Customer VLAN(s) on the District's wholesale fiber network will be provided using the least cost method that provides necessary bandwidth for the Service Provider to have unimpeded traffic flow to subscribers provisioned on a particular VLAN. Any additional Service Provider interfaces will be charged at a Special VLAN fee.
- E. Standard subscriber premises units (gateways) used by the District provide multiple copper interfaces for connection(s) to the end-user. These units remain the property of the District and may be used to serve multiple unique premises in multi-tenant applications.
- F. Service Providers may request an account be added and a Customer VLAN port be provisioned on a gateway for the purposes of extending a single point-to-point connection to a single off-network premises. The Standard Ethernet Services pricing will apply. Customer VLAN ports used to extend services off-network to multiple end-users (i.e. wireless access points, multiple dwelling units, upstream internet service) will be charged port fees per the Customer VLAN Off-Network Services section of this Product and Service Schedule 100. All other re-transmission of Wholesale High Speed Network service is prohibited.
- G. Service Level Commitment: The District purchases third party network operations center (NOC) services for network monitoring. This Tier 1 level of support is available to all Service Providers 24 hours per day/7 days per week. The NOC will generate maintenance tickets for all network problems identified, however District staff will only respond after-hours to tickets involving Premium Access subscribers or broader network problems. Basic Access subscriber trouble will be addressed during normal business hours.
- H. All wholesale fiber optic and wireless network services provided by the District are subject to the terms and conditions in the District's Telecommunications Policies, as the same may be amended from time-to-time.

I. The amount of any tax levied by any governmental entity, in accordance with the laws of the State of Washington, will be added to the charges shown in this product & service schedule.

J. After a six month initial startup period, Service Providers will be charged a minimum monthly bill according to the following timeline:

1-6 Months No Minimum  
7-18 Months \$1,000.00 Minimum  
18+ Months \$1,500.00 Minimum

K. Upstream Internet Wholesale pricing is based on cost per megabit the District pays at the time of billing (reviewed and subject to change annually). IP address space can be provided. Ethernet ports required to deliver the service are included in the monthly price.

L. Wireless Subscriber Standard Ethernet Service requires each Service Provider to agree to the terms of the Wireless Service Provider Agreement.

M. E-LAN service provides carrier-class support of traffic with additional tagging up to 9,000 byte maximum transmission unit (MTU). E-LAN service requires a contract for the initial service turn up for end-use sites.

\*Note: Service speeds are “up to”. Grant PUD will provision at the maximum speed it qualifies for based on the selected service. Actual speed varies based on a number of factors. See Telecommunications Customer Service Policies Section 2.0 for a complete depiction of District limitations & obligations.

<b>Set-up of new Service Provider</b>	\$2,000 (NRC) \$2,500 security deposit
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**Standard Ethernet Services:**

Basic Access 100x100 Mbps*  Tier 1 technical support provided 24/7, higher tiers of support available only during District's normal business hours. Includes Ethernet ports for data and/or voice	\$30
Enhanced Access 250x250 Mbps*  Tier 1 technical support provided 24/7, higher tiers of support available only during District's normal business hours. Includes Ethernet ports for data and/or voice	\$40
Gigabit Access* (Where available; provisioned on Service Provider's customer VLAN)  Tier 1 technical support provided 24/7, higher tiers of support available only during District's normal business hours. Includes Ethernet ports for data and/or voice	\$50
Wireless Access (Where Available)	\$26
<i>In addition to the 100 Mbps, 250 Mbps and Gigabit Access fee for each unique premises, the following products or services may be purchased:</i>	
Premium Support (per unique premises) All tiers of technical support provided 24/7 with priority restoration following network outages. Also includes Ethernet ports for data and/or voice.	\$10
Video VLAN Port	\$1.50
POTS Port	\$5
<b>Plant construction to provide service outside of an existing fiber service area</b>	Pre-payment of 100% of estimated District cost.

**Customer VLAN Off-Network Services:**

*(Includes premium support)*

50 Mbps port	\$75
100 Mbps port	\$150
1000 Mbps port	\$500

**Special VLAN Ethernet Services:**

*(Includes premium support, see E-LAN Carrier Ethernet Services for pricing with terms)*

Set-up fee per port	\$100 non-recurring
50 Mbps port	\$100
50 Mbps port with Q-in-Q	\$150
100 Mbps port	\$470
100 Mbps port with Q-in-Q	\$611
1000 Mbps port	\$1,450
1000 Mbps port with Q-in-Q	\$1,668

**Upstream Internet Services – No Commit:**

Non-Recurring Cost: Setup Fee	\$500
Per Mbps calculated using 95% percentile method	Wholesale Plus 10%

**Advanced Transport Services:** *(Listed in tables below)*

Contracts will be executed for each service defining the price, term and service level agreement. Each contract will require pre-payment of 100% of the estimated District cost for equipment, interfaces and/or fiber plant construction to accomplish the service connections. The maximum contract term including extensions shall not exceed 10 years.

**Wavelength Services:**

	<b>1 Year</b>	<b>3 Year</b>	<b>5 Year</b>
1G per span	\$1,050	\$875	\$750
OC48 per span	\$1,050	\$875	\$750
10G (LAN or WAN PHY) per span	\$4,200	\$3,500	\$3,000

**SONET Services – Linear or UPSR:** *No longer available for purchase. All SONET services must be transitioned to an alternative product by December 31, 2019.*

	<b>1 Year</b>	<b>3 Year</b>	<b>5 Year</b>
DS-1 per span	\$60	\$50	\$45
STS-1 per span	\$230	\$192	\$179
STS-3 per span	\$360	\$300	\$250
STS-12 per span	\$1,200	\$1,000	\$820
STS-24 per span	\$1,450	\$1,200	\$1,000

*The following add-ons may be purchased for each advanced transport circuit:*

Interface protection	50% adder to the monthly charge for one span
Circuit protection	Monthly charge as listed above per additional span(s) required to accomplish requested protection

**E-LAN Carrier Ethernet Services**

*(Includes Premium support; only subscriber, end-use ports to terminate at NNI)*

	<b>1 Year Term</b>	<b>3 Year term</b>	<b>5 Year term</b>
End-Use Site 100 Mbps port	\$500	\$300	\$200
End-Use Site 1 Gbps port	\$1,150	\$900	\$650

<i>(Term pricing not available on NNI product)</i>	
NNI 1 Gbps port	\$720
NNI 10 Gbps port	\$1,840