

Working DRAFT

Clarification for USAC 470 Advertisement For Bids, e-Rate for 2015

Bids

Bids should be submitted to Forrest Stanley, fstanley@mvsd11.org, (208) 347-2411, no later than Noon (Mountain Time Zone), Tuesday, 14 April 2015.

Bids submitted by USPS:

PO Drawer F
500 North Miller
New Meadows, Idaho 83654

Bids submitted by email to Forrest Stanley, fstanley@mvsd11.org

Evaluation

Bids shall be evaluated according to the following rubric:

Vendor Selection Rubric	100 points possible
Total Cost after eRate discount	35
Services Match Current Support and Defined Future Need	30
Reliability of Vendor	20
Incident/Inquiry Response Time	15

Total Cost: Lowest cost compared to other vendors warrants the higher score

Services Match Current Support and Future Needs: Best match now and for the foreseeable future.

Reliability of Vendor: What are the statistics for reliability? Type of support: on-site, remote access, reply accuracy to inquiries, follow-up for submitted support requests.

Incident/Inquiry Response Time: How long for a reply from the customer support center or technical representative after reporting incidents and submitting technical questions.

Bids item numbers and descriptions should be included on all bids. Bids not meeting minimum requirements for the service or hardware requested will not be considered.

Service Location:

Meadows Valley Schools is a single building located at 500 N. Miller, New Meadows, Idaho. The school supports K – 12 programs in 14 classrooms, library, gymnasium, technical skills shop, music room and five administrative offices.

Bid Categories:

USAC Category One:

Telephone Service – local and long distance. Currently Meadows Valley School District owns a Nortel BCM50 supported by a private contractor. The system provides traditional phone service and public address to each room in the building. Distribution to the rooms is via a Cat5e cable plant originating in the server closet MDF. Future requirements will include replacing the PBX and handsets in each room with like equipment, as a minimum. The current voice telecoms vendor provides sufficient circuits to the building to support the 21 staff and work areas (see plant diagram).

Digital Data Network Service (INTERNET Access) – Current INTERNET service is via fiber optic cable providing a 20Mbps data link. Generic speed test (web based utility) rates the connection at 17Mbps download, 16Mbps upload. The expansion requirement is for a true asynchronous upload-download balanced speed at not less than 80% of the nominal speed. The INTERNET access provider will supply the hardware for connecting the internal network to the INTERNET and support the next generation of the Idaho Education Network as part of their services provided. Installation cost will be included bid. Meadows Valley reserves the option to contract a not to exceed level of service and purchase month to month service at a lesser rate: the contract is awarded for 60Mbps; but, the current month to month charge and support is 20Mbps. Bandwidth service and charges for service may be increased in 5Mbps increments or as otherwise negotiated at the time of contract award.

USAC Category Two:

User Cabling: The main distribution plant supports five (5) forty-eight (48) port data switches and the subscriber voice telephone equipment using Cat5e cable and RJ-45 jacks wired per standard commercial specifications. The internal remote distribution station contains one (1) forty-eight (48) port switch with cabling to three classrooms per above. There are a potential for 240 drops in the current wiring plant with additional forty-eight (48) drops to be moved/installed. There is a current requirement for four (4) drops to be moved. A drop is defined as a RJ-45 female connector in a housing shell attached to the wall.

Managed Switches: Per the diagram in the slide presentation set the switches are HP 2510G-48, Dell PowerConnect 6248 and Dell PowerConnect 6224 in a hub and ring (stacked) configuration. The Dell switches are the newest products. The replacement switches must be interoperable with the Dell PowerConnect 1Gbps data transfer technology (stacking).

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Servers: Meadows Valley owns two servers providing the following functionality via standalone or virtual machine implementation: two (2) domain controllers, one (1) print and file server, one (1) library management database server, and one (1) standardized state test support server. The newest server frame is a standard Dell T620 with 4Tb, hot swappable HD. The oldest server frame is to be replaced (Dell Optiplex 960) with a unit that meets or exceeds the performance specifications of the Dell T620 server. The domain controllers and file/print server are using Microsoft Windows Server 2008R2. The Library Database server and Test Support Server are virtual machines using the Windows 7 operating system. Meadows Valley provides Microsoft software via its Education Volume Licensing Program contract with Microsoft. The vendor does not need to provide operating system software.

Basic Maintenance of Internal Connections:

Tier III Networking Support: Provide on-site network configuration support for Windows Server 2008R2 and managed switches beyond the capability and time resources of the local technology staff. Local Technology staff is part-time and serves the district in multiple roles. Network support includes but not limited to on-site and remote server troubleshooting, network configuration mapping and planning, Group Policy management, and software install and maintenance on the servers and user desktop hardware. A fundamental understanding of third party web filters and off-site storage schemes for system and individual data restore functionality is required.

Vendors will provide a fee schedule that includes but not limited to subscription (routine maintenance via on-site or remote access), on-site support for projects (server reconfiguration, new hardware installation, network optimization). The selected vendor will be a member of the school district Technology Committee.

Supporting Documents:

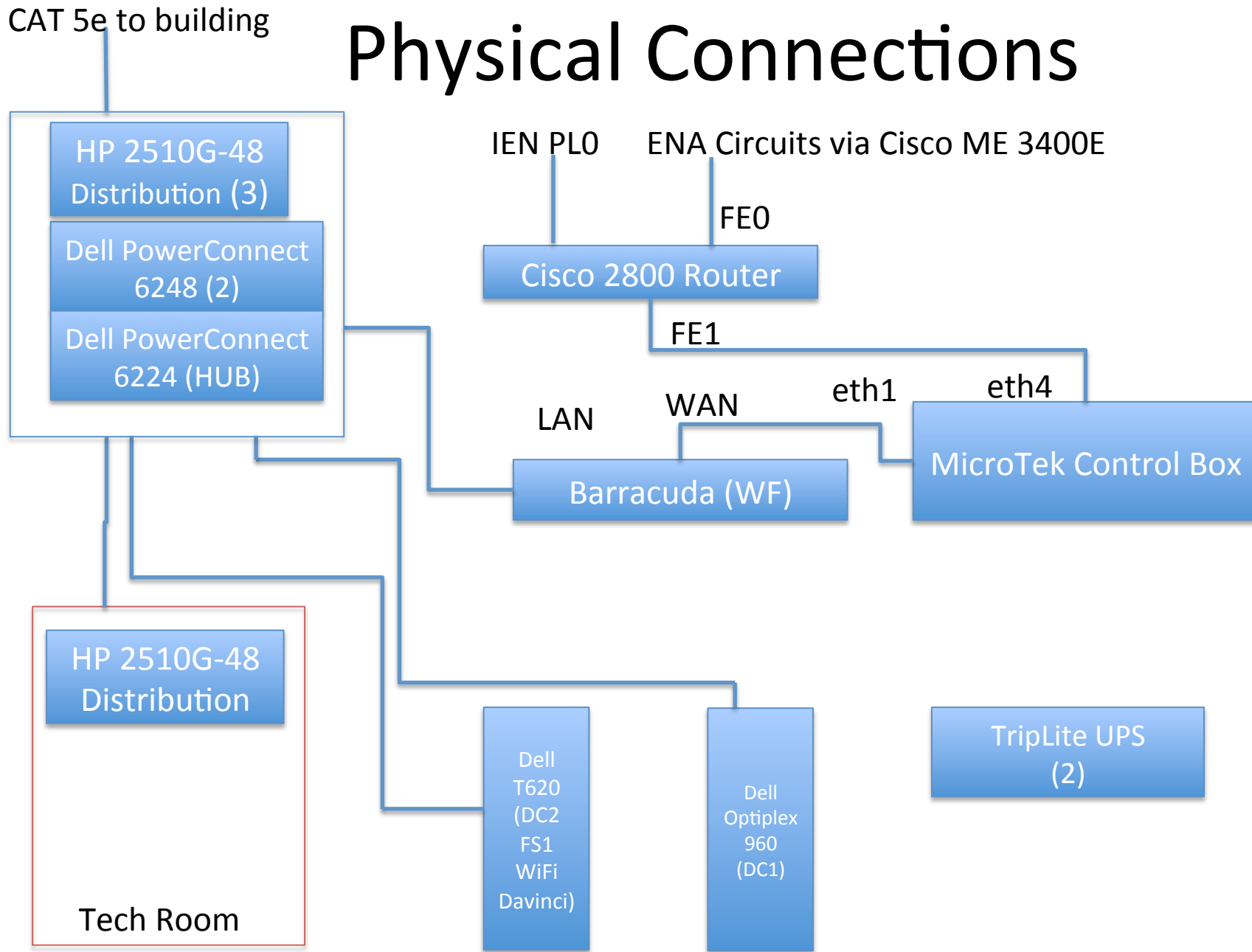
SERVERCLOSET.PDF: Slide presentation in the file provides an over view of the current hardware installation for switches, servers and connections.

MVSD Base Facility Plan: building floor plan.

Meadows Valley Information Technology Configurations

Equipment
And
Networks

Physical Connections



Logical Connections

- IP Address Scheme: 10.11.16.0, 255.255.248.0
 - 2000 addresses
- Network Segments
 - 10.11.16.x: Servers
 - 10.11.17.x – 10.11.19.x: User LAN Terminals
 - 10.11.20.x: Printers
 - 10.11.21.x – 10.11.23.x: Expansion
 - 10.5.50.x: WiFi network via ENA state WiFi contract

Networking Asset IP's

IP Address	MAC Address	Function
• 10.11.16.2	00:0c:42:df:c3:dc	DNS Router
• 10.11.16.4	00:0c:29:27:74:b8	Davinci (Virtual)
• 10.11.16.9	00:17:54:02:12:8a	Barracuda
• 10.11.16.10	d4:ae:52:a0:52:d7	Dell Inc
• 10.11.16.14	00:04:23:d0:32:e4	Intel Corporation
• 10.11.16.20	00:0c:29:8e:b8:ae	mv-FS1 (Virtual)
• 10.11.16.31	00:25:64:39:15:b5	mv-dc1
• 10.11.16.32	00:0c:29:69:de:7f	mv-dc2 (Virtual)
• 10.11.16.40	c0:91:34:79:27:80	Distribution Switch

Server Functional Roles

- Domain Controllers and File & Print services
 - DC1, DC2, FS1
- Neptune
 - File journalling
- Davinci
 - Library Management

Individualized Instruction Support

Two iPad Carts with Apple computers

5 iPads in HS Math

7 HP Tablets in HS Science

2 iPads in Sp Ed

Software Configurations

