**Eastside Communications, Inc.**

**Bid 3275r6**

**April 25, 2019**

**Proposal for**

**Cle Elum middle school and elementary school**

**WAP and cabling**

**E-rate form 471 190003124**

Eastside Communications (EC) proposes provide and install new CAT6 cabling and WAPs throughout the Cle Elum School district. Bid based on Billed Entity Number: 145415 - FCC Registration Number: 0011880366, 471 190003124 dated 10-28-18, along with site walk and documents provided by Trevor B with the IT department.

**Scope of Work: CAT6 cabling**

\*\*\*Bid is based on a total of 90 CAT6 cables\*\*\*

Provide and install 1 CAT6 CMP cable from the MDF/IDF within the school to each work outlet that will support 1 WAP within the school. Provide and install 24 port CAT6 patch panels in each IDF/MDF to support the cabling. Each cable to have a RJ45 jack and a surface mount housing per WAP. Test each cable with a Fluke DTX-1800 and provide PDF results as part of the close out package to the school.

For the Music room, Swiftwater, and the Gym in the HS, an open 24 port patch panel will be installed with CAT6a keystone jacks installed per WAP. This will reduce the cost of the over all project by not having to purchase a 24 port CAT6a patch panel for 1-3 cables.

Install all cable suspension as needed throughout the school to support the cabling.

Label all cabling with the IDF number and port assignment. Should more than one panel be present in the IDF we shall number the patch panel with the next available panel and label accordingly.

Provide as built with data port numbers on the print to the IT department along with all the test results of the cabling installed.

Provide 1 LV permit per local code

**Materials:**

* (90) CAT6 CMP cable runs within the school district
* (90) CAT6 Jack per WAP within the school district
* (8) CAT6 24 port patch panel
* (4) Open keystone patch panel
* (1) cable suspension as needed throughout the project
* (90) CAT6 tests
* (1) As builds with WAP locations and cable port numbers (CAD files to be provided by the end user.)
* (1) LV Permit

**Price: \*\*\*$33,300.00\*\*\***

**ES/MS Price \*\*\*$16,325.00\*\*\***

**High school Price \*\*\*$14,910.00\*\*\***

**Swiftwater Price \*\*\*$2,065.00\*\*\***

**Option 1**

**Scope of Work: Additional CAT6 cable per WAP**

Provide and install 1 additional CAT6 CMP cable from the MDF/IDF within the school to each work outlet that will support second NIC port on existing WAP within the school (for a total of 2 CAT6 cables per WAP). Provide and install 48 port CAT6a patch panels in each IDF/MDF to support the cabling, 24 port patch panels will be removed from the base SOW. Each cable to have a RJ45 jack and a dual surface mount housing per WAP. Test each cable with a Fluke DTX-1800 and provide PDF results as part of the close out package to the school.

For the Music room, Swiftwater, and the Gym in the HS, an open 24 port patch panel will be installed with CAT6 keystone jacks installed per WAP.

**Materials:**

* (90) CAT6 CMP cable runs within the school district
* (90) CAT6 Jack per WAP within the school district
* (8) CAT6 24 port patch panel
* (4) Open keystone patch panel
* (1) cable suspension as needed throughout the project
* (90) CAT6 tests
* (1) As builds with WAP locations and cable port numbers (CAD files to be provided by the end user.)
* (1) LV Permit

**Price: \*\*\*$13,605.00\*\*\***

**ES/MS Price \*\*\*$7,297.00\*\*\***

**High school Price \*\*\*$5,840.00\*\*\***

**Swiftwater Price \*\*\*$468.00\*\*\***

**Scope of Work: Patch cables and fiber convertor**

\*\*\*All WAP switching hardware and installation to be provided by others\*\*\*

Provide CAT6 patch cables 1-3’ per WAP on the field side and 1-10’ per WAP on the IDF/MDF side at the end of the project. WAP patch cable to be installed and included in the test.

Install customer provided WAP, connect patch cable on the field end. Switch side to be connected by others.

Include 1 - 1m MM patch cable per switch and 1-3m MM patch cable per Switch, 50 mic or 62.5 LC or SC to be determined by the IT department at the time of installation.

Provide and install 1 16 port fiber switch (12 fiber 4 copper) with Gbix or Gbix+ in the boiler room to support the transition from OM2 to OM4 MM , or to OS2 SM fiber. Should this not be needed at the time in the installation this will be removed (deducted) from the final invoice.

**Materials:**

* (90) CAT6 3’ patch cables
* (90) CAT6 10’ patch cables
* (32) OM2 62.5 or OM4 50.0 2m patch cables.
* (16) OM2 62.5 or OM4 50.0 4m patch cables.
* (1) 16 port SFP 10G fiber switch
* (8) SFP Gbx

**Price: \*\*\*$7,424.00\*\*\***

Fiber switch \*\*\*$1,172.00\*\*\*

**Scope of Work: IDF racks**

Provide and install 3 new 18U wall mount racks in the IDF for the ES and the MS. Remove the existing racks and re-mount hardware in the new racks during non-school hours.

**Price: \*\*\*$1,350.00\*\*\***

**Conditions**

* Payment terms are net 30
* Pricing is good for 30 days from the date on proposal
* Normal working hours of M-F, 7am-4pm
* After hours work between 5pm and 8am
* All power outlets to be provided by others.

**Contact**

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**Acceptance**

By signing this document below, I authorize the above work to proceed.

Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Printed Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

email to david@eastsidecom.com