BID NO: # Bid No 2018_19 2 – E-rate Switches

Addendum #1

Date: December 20, 2018

THIS ADDENDUM IS ISSUED AS ADDITIONAL INFORMATION AND/OR AS A CHANGE IN SPECIFICATIONS OR INSTRUCTIONS TO ALL PROSPECTIVE BIDDERS INTERESTED IN THE ABOVE MENTIONED REQUEST FOR PROPOSAL.

The due date for this Bid is being extended as follows.

REVISED BID DUE DATE: January 17, 2019 at 10:00am

REQUEST FOR INFORMATION:

Q: *Pertaining to the UPS/Battery Backup:*
- I*s there a specific VA rating required for the UPS system? If so, please specify (e.g. 1500VA):*
- *NOTE: If there is no specific VA rating, is there an equipment breakdown available per-IDF / per-MDF? With this I would be able to perform a power audit to size the appropriate UPS system(s).*
- *Will the UPS hardware be mounted in a 2-post rack, 4-post rack, tower format, or mix? Please specify:*
- *Is there a specific runtime requirement in the event of a power failure? If so, please specify:*

Pertaining to the Racks:
- *Is there a specific rack unit height requirement (e.g. 42U; 25U; etc.)? If so, please specify:*
- *Will the Racks need to be in a free-standing or wall-mounted configuration? Please specify:*
- *Will the Racks need to be fully enclosed or open-frame configuration? Please specify:*

A:

1. Is there a specific VA rating required for the UPS system? If so, please specify (e.g. 1500VA): We will be requesting 1500VA battery backup primarily to support the new switch if needed. In some cases, the UPS will not be needed as it will take that place of the switch being replaced and plug into the existing UPS.

2. If the existing rack or cabinet is still too full after removing the old switch, the new

switch will need to be placed in a new cabinet/rack. If the IDF location is not protected, than a cabinet will be required. Standard 42U cabinets depth and height to support the new switch and UPS.

3. Any new racks will need to be wall mounted.

4. Racks in protected IDF/MDF locations can be open. Racks/cabinets in public spaces will need to be enclosed. Not all IDF/MDF locations will require new racks or cabinets.

The mandatory job walk will allow for determining the needs of both UPS and rack/cabinet requirements.

Q: *I have a question about the 'Mandatory Pre Bid' on December 14th.   Is it a mandatory job walk? Or is it a mandatory pre bid application that we have to submit by that date?*

A: **It is a mandatory Job Walk.**

Q: *Do you plan on standardizing your fiber connectors?*

A: **Our plan is to continue to use the same type of fiber connectors that the previous old switch utilized where possible.**

Q. *What are the power cord requirements?*

A. Power cord requirements should follow the switch manufacture recommendations.

Q. *You mentioned at the site walk that the quantities on the RFP need to be updated. Can you please provide the most recent count of the switches that will be replaced?*

A. The only changes related to the quantities are:

1. **IDF 20 at Ustach Middle School. We are not replacing the Green.net Trendet PoE 8 Port Gig switch, or the Net Gear 25 port FS5 24 port switch.**
2. **Sanders Elementary School – We are not replacing the Catalyst 3560 48 port PoE Switch**
3. **Orchard Elementary School – We are not replacing the Catalyst 2960 24 port in IDF Room 27 (portable)**
4. **Somerset Middle School – We are not replacing the NetGear Pro Save GS 10 24 Port switch in IDF 50**

Q. *The RFP mentions "A list of … software tools (web based/physically attached) for remote management" will be required at the completion of the job. Is the district using any network management tools currently? Should Cisco Prime, DNA Center, or other network management tools be included in the proposal?*

A. We currently just use the command line interface to access our existing Cisco switches. We seldom access our switches once initially configured. We are relying on the vendor to provide information related to the newest switch management tools for managing our new switches. Any software tools for managing switches should be E-Rate compliant. We are not requesting switch management software that is beyond the scope of this E-Rate project.

Q. *The district requested that the new switches "need to connect via Stacking cable and will need to be stacked with existing 2960-X switches." The document later lists Cisco 9200 switches or equivalent desired for the new switch models, but it is not possible to stack Cisco 2960-X and 9200 switches. Is the district requesting that the new 9200 switches are connected to existing 2960-X switches via SFP ports? If yes, should new optics be included in this proposal for this connectivity?*

A. It is our understanding that the newer Cisco 9200 switches cannot use a stacking cable to connect to the existing Cisco 2960-X switches. The vendor should provide the most effective means for connecting the new switches to the existing switch hardware. All materials for connecting new switches to existing switches should be included in the proposal.

Q. *Should optics be included for the new switches at each IDF to connect back to the MDF at 10G? If yes, for sites that do not have a new MDF switch included, does the MDF have enough ports available to connect the new switches with 10G optics?*

A. Our current LAN backbone speeds is 1Gig. Switch optics should support 1 Gig connection to the network. 10Gig LAN speed is not something we are addressing in this E-Rate project.

Q. *What is the minimum runtime that is desired for the UPSs that will be proposed for the IDFs? In addition, will the existing 2960-X switches or any other existing equipment be plugged into the new UPS?*

A. We are not going to be placing UPSs in the IDFs.

Q. *The quantity of switches is listed per site, but the port quantity desired for each switch is not specified. Should the number of ports on the new switch models match the number of ports listed for each existing switch in the "District's Existing Equipment" table?*

A. The number of ports desired for each new switch should match the number of ports listed for each existing switch in the "District's Existing Equipment" table. We are not adding any additional ports at this time.