

2015-2016 E-Rate Category 2 for Evergreen Elementary School

1. Infrastructure

a. Network Drops:

- i. **3 (three) new Cat 6 data drops will be provided and installed in the ceilings of Butte Creek Elementary School**
- ii. **1 (one) QuickPort Recessed-Angled Patch Panel, 24-Port, 1RU (part: 4W256-H24) or equivalent**
- iii. **2 (two) existing Cat 6 data drops will be re-terminated in the new Patch Panel**
- iv. **5 (five) Leviton Cat 6 QuickPort Connector, CAT 6, Yellow – Part: 61110-RY6 or equivalent will provide connectivity in the new patch panel**
- v. Installation of Twisted Pair CAT 6 will be routed to patch panels from APs located in different zones of the building. No run over 300 ft. Schematic will be provided upon on-site walk-through inspection (required)
- vi. Each new cable will be terminated with an 8p8 Cat 6 rated RJ45 connector with a minimum 10 foot service loop above the ceiling at the Access Point location
- vii. Include patch cords for APs and switches
 1. Yellow Cat 6A snag-less patch cables
- viii. Cabling must be hung above ceiling using hangers and not laid on the ceiling tiles where applicable
- ix. All installed cabling and associated parts must be warranted for a minimum of 1 year after completion of install
- x. New cabling and existing Access Point cabling will be terminated in the new Cat 6 patch panel

b. Rack:

- i. **1 (one) Chatsworth Cube-IT Enclosure (18U,30" D, Solid, Black)– Part: 11996-736 or equivalent or equivalent will be provided and installed to replace the existing, undersized and damaged network enclosure**
- ii. Enclosure must be able to accommodate APC SMX750 UPS or equivalent depth
- iii. Enclosure must be properly grounded

2. General

- a. All work is contingent upon E-Rate and local funding
- b. On-site pre-project walk through inspection is required to bid on this project
- c. The school district reserves the right to award all, some or no portions of the project to a single or multiple vendors
- d. Proposals will be ranked using the following criteria
 - i. 30%: Price of the eligible products and services
 - ii. 25%: Price for ineligible products, services, and fees
 - iii. 20%: References, experience, and capabilities of vendor
 - iv. 15%: Compatibility with existing infrastructure and equipment
 - v. 10%: Warranty