

2015-2016 E-Rate Category 2 for Butte Creek Elementary School

1. Infrastructure

a. Network Drops:

- i. **8 (eight) new Cat 6 data drops will be provided and installed in the ceilings of Butte Creek Elementary School**
- ii. **8 (eight) existing Cat 6 data drops will be moved between locations to optimized signal strength for classrooms**
 1. **If existing cable lengths are not sufficient, new Cat 6 runs will be necessary**
- iii. 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)
- iv. 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
- v. Include patch cords for APs and switches
 1. Yellow Cat 6A snag-less patch cables
- vi. Cabling must be hung above ceiling using hangers and not laid on the ceiling tiles where applicable
- vii. All installed cabling and associated parts must be warrantied for a minimum of 1 year after completion of install
- viii. New cabling will be terminated in the existing Cat 6 patch panel

b. Access Point Enclosure:

- i. **1 (one) Oberon 1015-C AP enclosure or equivalent will be provided and installed for the access point located in the gymnasium**
- ii. Lift access will be provided by the school district

2. Equipment

a. Access Points:

- i. **19 (nineteen) Aruba IAP-215-US Access Point or equivalent will be provided and installed**
- ii. Access Points will be configured by school district employees & installed by the contractor
- iii. Appropriate mounting hardware must be included (for instance, **Aruba part AP-220-MNT-W1** for hard ceilings)
- iv. Lifetime hardware warranty at no additional cost
- v. Lifetime software feature updates, bug fixes, and patches at no additional cost
- vi. Virtual clustering (virtual controller) up to 64 access points per cluster with no extra hardware or software required to manage the virtual cluster (virtual controller)

3. 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 the Infrastructure portion of 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. Any software, license(s), setup, training and support needed must be included in the proposal
- e. 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