

## 2015-2016 E-Rate Category 2 for Scotts Mills Elementary School

### 1. Infrastructure

#### a. Network Drops:

- i. **4 (four) new Cat 6 data drops will be provided and installed in the ceilings of Scotts Mills Elementary School**
- ii. **5 (five) 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. **13 (thirteen) Aruba IAP-215-US Access Point or equivalent will be provided and installed**
  1. Lifetime hardware warranty at no additional cost
  2. Lifetime software feature updates, bug fixes, and patches at no additional cost
  3. 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)
  4. Appropriate mounting hardware must be included (for instance, **Aruba part AP-220-MNT-W1** for hard ceilings)
  5. Access Points will be configured by school district employees & installed by the contractor

### 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