3.1 LAN Is amended as follows

- 3.1.1 ACRPS schools install CAT6 voice and data cabling in all schools
- 3.1.2 No Change
- 3.1.3 No Change
- 3.1.4 Raceway molding is used in classrooms (up to approx. 40 linear feet per classroom).
- 3.1.5 Up to six stackable 48 port managed layer 2, 3, 4 gigabit switches with a minimum of 3 SFP miniGBIC ports capable of bonding the SFP ports into a single backbone.
- 3.1.6 At least one stackable 24 port PoE managed layer 2, 3, 4 gigabit switch with a minimum of 3 SFP miniGBIC ports per MDF and IDF. Stacking capability must be compatible with switches requested in section 3.1.5
- 3.1.7 No change
- 3.1.8 Every IDF has a 6 strand 10Gb 50/125 μM multimode fiber optic cable link terminated in LC connectors to the MDF and every classroom has "home runs" to their respective IDF's
- 3.1.9 No Change
- 3.1.10 Wireless should support each ACRPS school with a minimum of 54-108 Mbps 802.11n/g/b, supporting prevailing standards and utilizing PoE and load balancing technology (i.e. if one WAP is overloaded network traffic is diverted to another WAP so that the end user experiences the same performance and reliability)
- 3.1.11 Sufficient number of 10Gb LC 50/125 125 μM multimode fiber optic SFP miniGBICs to activate all installed fiber optic strands.
- 3.1.12 All wiring must be labeled on both ends, tested and wiring maps created. Copper and Fiber optic test results and wire maps are to be supplied in electronic format.

Vendor Qualifications for ERATE Technology Projects

All requirements specifying Novell certifications have been removed.