

Kingsville Independent School District
Instructional Technology Department
John S. Gillett Intermediate – Port Density E-Rate 2010
1007 North 17th
Kingsville, TX 78363

MDF (by library area)

6 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 48 cables
- 24 port patch panel - 9 cables

Total number of existing cable drops **105** → not to be replaced

Total number of additional cable drops necessary **15**

NOTE: The MDF will require two full size APC cabinets (42Us Model AR3100) to replace existing two-post racks. Cabinets will house new Catalyst 6500 series, CISCO phone equipment, patch panels, and APC 6K Symmetra with step down and extended run. Removal of patch panels and reinstallation in new cabinets must be included in service provider quote.

IDF2 (Room A118)

7 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 33 cables

Total number of existing cable drops **150** → not to be replaced

Total number of additional cable drops necessary **15**

NOTE: include one 2200XL APC battery with extended run to be mounted in existing 2 post rack.

IDF3 – (Room D149)

Total of 2 Patch Panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 41 cables

Total number of existing cable drops **89** → not to be replaced

Total number of additional cable drops necessary **7**

NOTE: This IDF3 will require one full size APC cabinet (42Us Model AR3100) to replace existing open face wall mounted rack. Include also one 2200XL APC battery with extended run. Removal of patch panels and reinstallation in new cabinet must be included in service provider quote.

IDF4 – (Room B111)

Total of 2 Patch Panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 34 cables

Total number of existing cable drops **82** → not to be replaced

Total number of additional cable drops necessary 14

NOTE: include one 2200XL APC battery with extended run to be mounted in existing 2 post rack

IDF5 – (Room C107)

Total of 2 Patch Panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 40 cables

Total number of existing cable drops **88** → not to be replaced

Total number of additional cable drops necessary 8

NOTE: include one 2200XL APC battery with extended run to be mounted in existing 2 post rack

IDF6 – (Cafeteria office)

Total of 2 Patch Panels available

- 48 port patch panel - 24 cables

Total number of existing cable drops **24** → not to be replaced

Total number of additional cable drops necessary 12

NOTE: include one APC SUA 1000 UPS RM 2U

IDF7 – (Gym office area)

Total of 2 Patch Panels available

- 24 port patch panel - 12 cables

Total number of existing cable drops **8** → not to be replaced

Total number of additional cable drops necessary 4

NOTE: include one APC SUA 1000 UPS RM 2U, and two CISCO Lightweight Access Points (one to be installed at office locker area and the other one to be installed at south-east corner location of gym adjacent to coach office area)

Proposed IDF8 – (old cafeteria area, next to basketball court)

- Include one APC 4' wall mounted cabinet (APC NetShelter WX AR100HD Enclosure) with perforated front door and fan cooling kit
- Include one 12 port patch panel
- Include one 12 port PoE CISCO switch
- Include one CISCO Lightweight Access Point
- **Total number of additional cable drops necessary 8**

NOTE: include one APC SUA 1000 UPS RM 2U

Campus-wide total number of cable drops necessary = 83

ADDITIONAL NOTES

- CISCO switches to be replaced at MDF and IDFs campus locations with CISCO PoE equipment
- This location needs a CISCO phone system upgrade; upgrade involves replacement of existing phone servers and software; all phone system licensing to be included to support district user accounts.
- Existing Catalyst 4507 at MDF will be replaced by 6500 series Catalyst (6509) with PoE blades
- New 6500 series unit will have 10 Gig blades and maximum of 8 ports 2 to 1
- New APC Cabinets for MDF and IDF locations mentioned previously in this summary
- APC Symmetra 6K with Step Down and Extended Run for MDF
- All surface mounted raceway (if necessary) must be Wiremold v2000 series
- All IDFs will have dedicated 10 Gig single mode armored fiber connections (home-run fiber links)
- Replace all 7912 CISCO telephone units with newer models; replace front office reception area phone with new unit and expansion module
- Conference phone is not to be replaced
- Total number of phones required for project = 30
- APC Symmetra 6K with Step Down and Extended Run; APC UPS 2200XL, and APC SUA 1000 UPS RM 2U as described in this campus summary.