

Kingsville Independent School District
Instructional Technology Department
Alice G. Kleberg Elementary School – Port Density E-Rate 2010
900 North Sixth Street
Kingsville, TX 78363

MDF (in library office area)

5 Patch panels available

- 48 port patch panel - 47 cables
- 48 port patch panel - 38 cables
- 48 port patch panel - 37 cables
- 48 port patch panel - 37 cables
- 48 port patch panel - 43 cables

Total number of existing cable drops **202**

Total number of additional cable drops necessary **38**

This MDF location needs a second cabinet APC (42Us Model AR3100)

One (1) new APC Symmetra 6k with step down and extended run to support new network equipment upgrade (208V twist NEMA electrical already in place)

IDF1 (look for room #203)

2 Patch panels available

- 48 port patch panel has 5 cables connected
- 24 port patch panel has 17 cables connected

Total number of existing cable drops **22**

Total number of additional cable drops necessary **26**

Only one CISCO switch PoE 48 port necessary

Include one (1) APC SUA 1000 UPS RM 2U at this IDF location

Instead of two patch panels this location needs one (1) 48 panel only; service provider must include in bid quote the cost for removal of existing patch panels, conversion of the 24 port patch panel into a 48 port patch panel, and labor cost for punching in the existing lines.

IDF2 (next to room 210)

2 Patch panels available

- 48 port patch panel has 44 cables connected
- 48 port patch panel has 32 cables connected

Total number of existing cable drops **76**

Total number of additional cable drops necessary **20**

Two (2) CISCO switches PoE 48 port necessary for this IDF

Include two (2) APC SUA 1000 UPS RM 2U per switch used at this IDF location (total of two)

Campus-wide total number of cable drops necessary = 84

ADDITIONAL (SUMMARY) NOTES

- All switches to be replaced
- This campus is to receive an additional 6 CISCO Light Weight Access Points
- All surface mounted raceway (if necessary) must be Wiremold v2000 series
- IDFs will have dedicated 10 Gig single mode armored fiber connections (home-run fiber links)
- This location needs a CISCO phone system to replace existing analog system; all licensing to be included to support user accounts
- Reception area will need 1 – 7960 (or better) telephone with expansion module
- Total of 46 CISCO telephone units necessary to be installed in offices and classrooms
- One (1) CISCO wireless phone for PE coach to use outside in covered play area
 - Cisco Antenna for wireless CISCO phone to be installed at covered play area
- New paging and intercom system integrated into proposed network upgrade and phone system
- New Video-on-Demand system to be integrated into proposed network upgrade
- Non-eligible: new IP based Camera System with 20 interior Axis cameras and 16 exterior cameras
 - Camera server must be DELL R710 and PowerVault unit with 15T storage capacity
 - UPS for camera server must be APC 2200XL with extended run unit
 - One (1) 42" LCD for camera display to be installed in front of office reception area
 - APC cabinet necessary to house camera equipment (42Us Model AR3100)
- Catalyst 4507 will be replaced by CISCO Catalyst 6500 series
- 6500 series Catalyst (6509) must have all PoE blades
- New 6500 series unit will have 10 Gig blade and maximum of 8 ports 2 to 1
- One new APC Symmetra 6k with Step Down and Extended Run to support new network equipment upgrade

If additional information or clarification is necessary, please contact me at (361) 675-0579. You can also email you questions at jvcruz@kingsvilleisd.com – Thank you.