

**Kingsville Independent School District**  
**Instructional Technology Department**  
**Jesus R. Pérez Elementary School – Port Density E-Rate 201**  
**1111 E. Ailsie Ave**  
**Kingsville, TX 78363**

**MDF (look for room by library area)**

2 Patch panels available

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

Total number of existing cable runs **57**

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

Symmetra 6k, step down and extended run need battery and power modules replaced

**IDF1 (look for room #1)**

3 Patch panels available

- 48 port patch panel has 48 cables connected
- 48 port patch panel has 48 cables connected
- 24 port patch panel has 24 cables connected → convert into 48 port patch panel

Total number of existing cable runs **120**

Total number of additional cable drops necessary **24**

The 4' cabinet will be removed; the project requires a full size APC cabinet (42Us Model AR3100)

New APC cabinet will be installed in room #2

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

The equipment at this location will need a UPS APC 2200XL with extended run to be mounted in the lower section of the new APC cabinet

**IDF2 (look for HUB closet next to room 132)**

2 Patch panels available

- 48 port switch has 48 cables connected
- 48 port switch has 28 cables connected

Total number of existing cable runs **76**

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

Include cooling fan kit for 4' cabinet at this IDF location

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

**Campus-wide total number of cable drops necessary = 60**

#### **ADDITIONAL (SUMMARY) NOTES**

- All switches to be replaced
- This campus is to receive an additional 8 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 campus location has 1 – 7960 with expansion module and 6 – 7940; they are to remain
- Additional 30 CISCO telephone units necessary to be installed in classrooms
- One (1) CISCO wireless phone or equivalent 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
- 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
  - 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
- Battery and power modules for APC Symmetra 6K with Step Down and Extended Run

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