Kingsville Independent School District
Instructional Technology Department
H. M. King High School – Port Density E-Rate 2010
2210 South Brahma Boulevard
Kingsville, TX 78363

MDF (in center of building – at library area)

3 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 48 cables
- 48 port patch panel - 1 cable

Total number of existing cable drops **97**

Total number of cable drops necessary 144

NOTE: The MDF will require one additional full size APC cabinet to hold phone equipment (42Us Model AR3100)

IDF1 (north side of building; look for rooms 209N and 120N)

2 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 32 cables

Total number of existing cable drops **80**

Total number of cable drops necessary 96

NOTE: The IDF1 will require one additional full size APC cabinet to house the network equipment (42Us Model AR3100); include one 2200XL APC battery with extended run

IDF2 (B Hallway; look for Room 102B)

3 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 48 cables
- 24 port patch panel - 12 cables

Total number of existing cable drops **108**

Total number of cable drops necessary 120

NOTE: Open four past rack stays in place; include three APC SUA 1000 UPS RM 2U

IDF3 (look for IDF close to Room 305N)

1 Patch panel available

- 48 port patch panel - 21 cables

Total number of cable drops necessary 24

Instead of a 48 port patch panel install a 24 port

NOTE: include one APC SUA 1000 UPS RM 2U

IDF4 (outside vocational building)

3 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 48 cables
- 48 port patch panel - 5 cables

Total number of existing cable drops **101**

Total number of cable drops necessary 144

NOTE: include two APC SUA 1000 UPS RM 2U

IDF5 (at intersection of D and North Hallways)

3 Patch panels available

- 48 port patch panel - 48 cables
- 48 port patch panel - 9 cables
- 48 port patch panel - 0 cables

Total number of existing cable drops **57**

Total number of cable drops necessary 144

NOTE: The IDF1 will require one additional full size APC cabinet to house the network equipment (42Us Model AR3100); include one 2200XL APC battery with extended run

IDF6 (inside Gym #2 area)

1 Patch panel available

- 24 port patch panel - 17 cables

Total number of cable drops necessary 24

NOTE: include one APC SUA 1000 UPS RM 2U

IDF7 (inside welding shop office)

1 Patch panel available

- 48 port patch panel - 10 cables

Total number of cable drops necessary 24

Instead of a 48 port patch panel install a 24 port

NOTE: include one APC SUA 1000 UPS RM 2U

IDF8 (inside automotive shop classroom)

2 Patch panels available

- 48 port patch panel - 12 cables
- 24 port patch panel - 4 cables

Total number of existing cable drops **16**

Total number of cable drops necessary 24

Instead of a 48 port patch panel install a 24 port

NOTE: include one APC SUA 1000 UPS RM 2U

IDF9 (inside D.A.E.P. classroom)

1 Patch panel available

- 48 port patch panel - 26 cables

Total number of cable drops necessary 28

NOTE: include one APC SUA 1000 UPS RM 2U

IDF10 (inside room #303N)

3 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**

Total number of cable drops necessary 120

NOTE: include three APC SUA 1000 UPS RM 2U

IDF11 (inside Athletics Office)

1 Patch panel available

- 24 port patch panel - 20 cables

Total number of cable drops necessary 24

NOTE: include one APC SUA 1000 UPS RM 2U

IDF12 (proposed IDF in Front Office Registrars area)

1 Patch panel necessary

- 48 port patch panel - 48 cables necessary

NOTE: 4' cabinet from Library will be installed at this location

NOTE: include one APC SUA 1000 UPS RM 2U

Campus-wide total number of cable drops necessary = 964

ADDITIONAL NOTES

- When installing raceway, it must be Wiremold v2000 series
- All 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
- Total number of CISCO telephone units necessary = 80
- Catalyst 4507 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
- Original APC Symmetra 6K with Step Down and Extended Run will need battery and power modules replaced
- One additional APC Symmetra 6K with Step Down and Extended Run to support new phone system at MDF
- 4' wall mounted cabinet will be moved from the Library area to the front of the office next to registrars (please, see proposed IDF12 notes)