

Kingsville Independent School District
Instructional Technology Department
Harvey Elementary School – Port Density E-Rate 2010
Kenedy Street
Kingsville, TX 78363

MDF (IDF1 (use *ADHarvey_Area_B* floor plan; includes library, office area, and classrooms in North East quadrant of campus)

Total number of cable drops necessary **168**

IDF1 (use *ADHarvey_Area_A* floor plan; total of 14 classrooms in North West quadrant of campus)

Total number of cable drops necessary **168**

IDF2 (use *ADHarvey_Area_A* floor plan; total of 12 classrooms in South West quadrant of campus)

Total number of cable drops necessary **144**

IDF3 (use *ADHarvey_Area_B* floor plan; total of 10 classrooms in South East quadrant of campus)

Total number of cable drops necessary **168**

IDF4 (use *ADHarvey_Area_B* floor plan; cafetorium and kitchen area)

Total number of cable drops necessary **72**

Campus-wide total number of cable drops necessary = 720

VERY IMPORTANT: Kingsville ISD has been installing Leviton "tuned" CAT6E components which is rated for 1000BASE-T. We are asking that Service Providers submit in Bid Proposal - and as an option - the implementation of 10GBASE-T technology for this campus location. Thank You.

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ADDITIONAL (SUMMARY) NOTES

- All switches installed must be CISCO PoE
- This campus is to receive 25 CISCO Light Weight Access Points
- IDFs will have dedicated 10 Gig single mode armored fiber connections (home-run fiber links)
- This location needs a CISCO phone system; all licensing to be included to support user accounts
- Reception area will need 1 – 7960 (or better) telephone with expansion module
- Total of 59 CISCO telephone units necessary to be installed in offices and classrooms
- Conference room will need 1 CISCO conference phone
- 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 35 interior Axis cameras and 25 exterior cameras
 - Camera server must be DELL R710 and PowerVault unit with 15T storage capacity
 - UPS for camera server must be Symmetra 6K with Step Down and Extended Run
 - Two (2) 42” LCD for camera display to be installed in front of office reception area and principal, assisting principal, and counselor’s office area
 - APC cabinet necessary to house camera equipment (42Us Model AR3100)
- 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 network equipment and phone system

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.