

| | | |
|---------------------------------------|--|--|
| Background Information | | |
| | Irving ES | Whittier MS |
| Square Ft. | 45,489 ft. | 85,502 ft. |
| # Classrooms | 20 | 38 |
| # Offices | 2 | 5 |
| Project Start Date | Spring 2010 | Spring 2010 |
| Project Completion Date | Summer 2011 | Summer 2011 |
| Computer Network Cabling - Category 6 | Est. # Drops: 211 | Est. # Drops: 379 |
| Telephone Cabling - Category 6 | Est. # Drops: 62 | Est. # Drops: 85 |
| Coaxial Cabling | Est. # Drops: 45 | Est. # Drops: 70 |
| RGBHV Cabling | Est. # Drops: 20 | Est. # Drops: 38 |
| S-Video Cabling | Est. # Drops: 20 | Est. # Drops: 38 |
| Composite Video Cabling | Est. # Drops: 20 | Est. # Drops: 38 |
| Serial Control Cabling | Est. # Drops: 20 | Est. # Drops: 38 |
| Optical Backbone | N/A | Est. Footage: 150 |
| Copper Backbone | N/A | Est. Footage: 150 |
| Coaxial Backbone | N/A | Est. Footage: 150 |
| DNS/DHCP Server | Quantity: 1 Mfgr.: Dell Power Edge 2900 Requirements: 1. Dell PowerVault 100T, DAT72 Tape Backup, 36/72GB, w/Controller, Internal 2. Dell 1GB 667MHz (2x512MB), Single Ranked DIMMs 3. Dell 250GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive 4. Dell PERC 5/i, Integrated RAID Controller Card 5. Dell ServicePac 1-year on site 9.5 4-Hour 6. Standard 101 Key Keyboard USB 7. Standard PS/2 Pointing Device 8. 15" Flat Panel Monitor 9. MS Windows 2003 Server Standard Edition | Quantity: 1 Mfgr.: Dell Power Edge 2900 Requirements: 1. Dell PowerVault 100T, DAT72 Tape Backup, 36/72GB, w/Controller, Inte 2. Dell 1GB 667MHz (2x512MB), Single Ranked DIMMs 3. Dell 250GB 7.2K RPM Serial ATA 3Gbps 3.5-in HotPlug Hard Drive 4. Dell PERC 5/i, Integrated RAID Controller Card 5. Dell ServicePac 1-year on site 9.5 4-Hour 6. Standard 101 Key Keyboard USB 7. Standard PS/2 Pointing Device 8. 15" Flat Panel Monitor 9. MS Windows 2003 Server Standard Edition |
| LAN/Data Switches | Quantity: 1 Mfgr: Cisco WS-C4507R Catalyst 4507 Chassis, Complete w/Fan Tray | Quantity: 1 Mfgr: Cisco WS-C4507R Catalyst 4507 Chassis, Complete w/Fan Tray |
| LAN/Data Switches | Quantity: 1 Mfgr: Cisco WS-X4515 Supervisor IV Module w/(2) GBIC Slots | Quantity: 1 Mfgr: Cisco WS-X4515 Supervisor IV Module w/(2) GBIC Slots |
| LAN/Data Switches | Quantity: 3 Mfgr: Cisco WS-X4148-RJ 48-Port 10/100 Ethernet Switching Module | Quantity: 6 Mfgr: Cisco WS-X4148-RJ 48-Port 10/100 Ethernet Switching Module |
| LAN/Data Switches | Quantity: 1 Mfgr: Cisco WS-X4424-GB-RJ45 24-Port 10/100/1000 Ethernet Switching Module | Quantity: 1 Mfgr: Cisco WS-X4424-GB-RJ45 24-Port 10/100/1000 Ethernet Switching Module |
| LAN/Data Switches | Quantity: 1 Mfgr: Cisco WS-X4306-GB 6-Port 10/100/1000 SFP Switching Module | Quantity: 1 Mfgr: Cisco WS-X4306-GB 6-Port 10/100/1000 SFP Switching Module |
| LAN/Data Switches | Quantity: 2 Mfgr: Cisco PWR-C45-1300ACV 120VAC, 1300W AC Power Supply | Quantity: 2 Mfgr: Cisco PWR-C45-1300ACV 120VAC, 1300W AC Power Supply |

| | | |
|--|---|---|
| LAN/Data Switches | Quantity: 5 Mfgr: Cisco WS-G5484 1000BASE-SX GBIC | Quantity: 5 Mfgr: Cisco WS-G5484 1000BASE-SX GBIC |
| LAN/Data Switches | Quantity: 2 Mfgr: Cisco WS-G5486 1000BASE-LX GBIC | Quantity: 2 Mfgr: Cisco WS-G5486 1000BASE-LX GBIC |
| LAN/Data Switches | Quantity: 5 Mfgr: Cisco WS-C3750-24TS-S Catalyst 3750-24 24-Port 10/100 Ethernet Switch w/ SFP Modules | Quantity: 6 Mfgr: Cisco WS-C3750-24TS-S Catalyst 3750-24 24-Port 10/100 Ethernet Switch w/ SFP Modules |
| LAN/Data Switches | Quantity: 2 Mfgr: Cisco WS-C3750-24PS-S Catalyst 3750-24 POE 24-Port 10/100 Ethernet Switch w/SFP Modules | Quantity: 4 Mfgr: Cisco WS-C3750-24PS-S Catalyst 3750-24 POE 24-Port 10/100 Ethernet Switch w/SFP Modules |
| Telephone System | Quantity: 1 Mfgr.: Comdial System: FX-II Common Equipment Capacity: *Rack Mount Chassis(s) Modular & Expandable to 200-station total capacity. * (8) Trunk Lines * Station Ports Supporting an initial capacity of: (1) Attendant Console (7) Executive Digital Telephones (NOT E-RATE ELIGIBLE) (34) Standard Digital Telephones (NOT E-RATE ELIGIBLE) (1) Analog PFT Elevator Telephone (NOT E-RATE ELIGIBLE) (1) Multi-Zone Central PA Interface (NOT E-RATE ELIGIBLE) *Voice Mail System with (4) ports, 24-hours storage, and (100) mailboxes. (1) Model #APC1500VA w/external extended run battery pack (rack mounted) | Quantity: 1 Mfgr.: Comdial System: FX-II Common Equipment Capacity: *Rack Mount Chassis(s) Modular & Expandable to 200-station total capacity. * (8) Trunk Lines * Station Ports Supporting an initial capacity of: (1) Attendant Console (7) Executive Digital Telephones (NOT E-RATE ELIGIBLE) (34) Standard Digital Telephones (NOT E-RATE ELIGIBLE) (1) Analog PFT Elevator Telephone (NOT E-RATE ELIGIBLE) (1) Multi-Zone Central PA Interface (NOT E-RATE ELIGIBLE) *Voice Mail System with (4) ports, 24-hours storage, and (100) mailboxes. (1) Model #APC1500VA w/external extended run battery pack (rack mounte |
| Wireless Access Points and Controllers | Quantity: 25 Mfgr: Cisco Model: AIR-AP1131AG-A-K9 plus a controller | Quantity: 48 Mfgr: Cisco Model: AIR-AP1131AG-A-K9 plus a controller |
| Video Transport Equipment | Quantity: 26 Mfgr.: Teradon Model: T1365 Video Display Controller | Quantity: 36 Mfgr.: Teradon Model: T1365 Video Display Controller |
| Video Transport Equipment | Quantity: 1 Mfgr.: Teradon Model: T1366 Head-End Controller | Quantity: 1 Mfgr.: Teradon Model: T1366 Head-End Controller |
| Racks | Quantity: 1 Mfgr.: Homaco Model: 19" wide x 84" high Note: Per EIA Specification RS310 2-Post Style | Quantity: 4 Mfgr.: Homaco Model: 19" wide x 84" high Note: Per EIA Specification RS310 2-Post Style |
| Racks | Quantity: 4 Mfgr.: Homaco Model: 19" wide x 84" high Note: Per EIA Specification RS310 4-Post Style | Quantity: 5 Mfgr.: Homaco Model: 19" wide x 84" high Note: Per EIA Specification RS310 4-Post Style |
| UPS | Quantity: 5 Liebert (GXT2-1500RT120) | Quantity: 7 Liebert (GXT2-1500RT120) |
| | Note: Does not include telephone system UPS w/ 4-hr. battery backup to be provided along w/ Comdial System. Does not include UPS for Cisco Core switch (4507) | |
| 8-Port KVM Switch, Rack Mounted | Quantity: 1 | Quantity: 1 |