

GRAND TOTAL
YEAR 2005 E-RATE LAN REFRESH – PACKAGE 1
DETAILS FOR ELIGIBLE PARTS THROUGH MONTH ENDING 4/30/2008

| MATERIALS DESCRIPTION | Manufacturer | Part Number | Unit Price | Quantity | Extended Price | SLD Price |
|--|--------------|-----------------|------------|----------|----------------|-----------|
| WORKSTATION CABLE INSTALLATION | | | | | | |
| Cat-5E cable | AMP | 57826-6 | \$0.14 | 0 | \$0.00 | \$0.00 |
| Cat-5E OSP cable for Classrooms | MOHAWK | M57561 | \$0.17 | 0 | \$0.00 | \$0.00 |
| 18-Fiber (12mm/06sm) | BerkTek | PDR018-12GB3510 | \$1.95 | 0 | \$0.00 | \$0.00 |
| 04-Fiber within 90 Meters SM | BerkTek | ICR004AB0707-C4 | \$0.45 | 0 | \$0.00 | \$0.00 |
| 04-Fiber within 90 Meters | BerkTek | ICR004GB3510/25 | \$0.70 | 0 | \$0.00 | \$0.00 |
| Surface Conduit & Coupling Materials (Per Class Room) | WIREMOLD | WIREMOLD | \$8.50 | 0 | \$0.00 | \$0.00 |
| T-1 Cable | BerkTek | 530333 | \$0.30 | 0 | \$0.00 | \$0.00 |
| Work station face plate TERMINATION | AMP | 503997-1 | \$9.78 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 1 inch Conduit Installed- EMT | WHEATLAND | WL-1-EMT | \$5.00 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 1 inch Conduit Installed- RIGID | WHEATLAND | WL-1-RIG | \$6.00 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 2 inch Conduit Installed - EMT | WHEATLAND | WL-2-EMT | \$6.00 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 2 inch Conduit Installed - RIGID | WHEATLAND | WL-2-RIG | \$7.00 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 3/4 inch Conduit Installed - EMT | WHEATLAND | WL-3/4-EMT | \$4.50 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 3/4 inch Conduit Installed - RIGID | WHEATLAND | WL-3/4-RIG | \$5.50 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 3 inch Conduit Installed - EMT | WHEATLAND | WL-3-EMT | \$7.50 | 0 | \$0.00 | \$0.00 |
| Linear Ft. 3 inch Conduit Installed - RIGID | WHEATLAND | WL-3-RIG | \$8.50 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (12x12x6) nema 1 screw cover no ko's | WIREGUARD | 12126sc | \$16.61 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (12x12x6) nema 3r raintight cover no ko's | WIREGUARD | 1212rt | \$24.92 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (18x18x6) nema 3r raintight cover no ko's | WIREGUARD | 18186rt | \$46.25 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (18x18x6) nema 1 screw cover no ko's | WIREGUARD | 18186sc | \$30.20 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (18x18x6) nema 4 weatherproof no ko's | WIREGUARD | 18186wp | \$111.80 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (18x18x8) nema 3r raintight cover no ko's | WIREGUARD | 18188rt | \$70.43 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (18x18x8) nema 1 screw cover no ko's | WIREGUARD | 18188sc | \$52.50 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (24x24x6) nema 3r raintight cover no ko's | WIREGUARD | 24246rt | \$107.73 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (24x24x6) nema 1 screw cover no ko's | WIREGUARD | 24246sc | \$105.45 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (24x24x6) nema 4 weatherproof no ko's | WIREGUARD | 24246wp | \$426.24 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (8x8x6) nema 3r raintight cover no ko's | WIREGUARD | 886rt | \$19.86 | 0 | \$0.00 | \$0.00 |
| Junction Boxes (8x8x6) nema 1 screw cover no ko's | WIREGUARD | 886sc | \$10.16 | 0 | \$0.00 | \$0.00 |
| Cable Attachment Units | ERICO | ER-CLIPS | \$3.50 | 0 | \$0.00 | \$0.00 |
| Work station device box | AMP | 558251-1 | \$4.96 | 0 | \$0.00 | \$0.00 |
| Single Cat-5E RJ-45 Data Jack's | AMP | 406372-1 | \$4.28 | 0 | \$0.00 | \$0.00 |

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|--|--------------|--------------------|----------------|----------|---------------------|--------------|
| 24 Port Fiber Optic Termination Enclosure | AMP | 559542-2 | \$147.14 | 0 | \$0.00 | \$0.00 |
| Duplex (MM) SC coupler Panels | AMP | 559596-1 | \$75.37 | 0 | \$0.00 | \$0.00 |
| Duplex (SM) SC coupler Panels | AMP | 559596-2 | \$97.50 | 0 | \$0.00 | \$0.00 |
| Simplex (SM) SC Connectors | AMP | 492123-3 | \$5.60 | 0 | \$0.00 | \$0.00 |
| Simplex (MM) SC Connectors | AMP | 504932-1 | \$4.20 | 0 | \$0.00 | \$0.00 |
| Duplex Fiber Face Plate with Couplers | AMP | 559596-6 | \$32.00 | 0 | \$0.00 | \$0.00 |
| 24 Port Cat-5E Patch Panel | AMP | 406330-1 | \$139.00 | 0 | \$0.00 | \$0.00 |
| Cable Management Package | Vector | Vector 102 | \$0.00 | 0 | \$0.00 | \$0.00 |
| Project Management & Coordination | Vector | Vector 103 | \$0.00 | 0 | \$0.00 | \$0.00 |
| | | | | | | |
| Workstation Materials Sub-Total | | | | | \$0.00 | \$0.00 |
| | | | | | | |
| Workstation Labor Sub-Total | | | \$79.00 | 1764.14 | \$139,367.06 | \$125,430.35 |
| | | | | | | |
| WORKSTATION SUB-TOTAL | | | | | \$139,367.06 | \$125,430.35 |
| | | | | | | |
| DISTRIBUTION RACKS AND CABINETS | | | | | | |
| Racks & Cabinets | | | | | | |
| | | | | | | |
| Blower Fan unit | ENCORE | 00037-05/sea-45-iw | \$175.00 | 0 | \$0.00 | \$0.00 |
| IDF Comm.Cabinet / FLOOR MOUNTED | ENCORE | | \$1,307.84 | 0 | \$0.00 | \$0.00 |
| IDF. Comm.Cabinet / WALL MOUNTED LEFT SWING | ENCORE | | \$1,031.79 | 0 | \$0.00 | \$0.00 |
| IDF Comm.Cabinet / WALL MOUNTED RIGHT SWING | ENCORE | | \$1,031.79 | 0 | \$0.00 | \$0.00 |
| Small IDF/LDF Comm. Cabinet | ENCORE | | \$809.58 | 0 | \$0.00 | \$0.00 |
| IDF/LDF Comm. Cabinet | ENCORE | | \$859.58 | 0 | \$0.00 | \$0.00 |
| 32.125"H x 24.125" Wx7" D CABINETS | HUBBELL | | \$350.00 | 0 | \$0.00 | \$0.00 |
| Horizontal Cable Management Panel | AMP | 1375159-1 | \$55.62 | 0 | \$0.00 | \$0.00 |
| Backboards | POW. & TEL | 4896WB | \$33.85 | 0 | \$0.00 | \$0.00 |
| MDF Comm.Cabinet | ENCORE | | \$1,750.00 | 0 | \$0.00 | \$0.00 |
| Sound dampening kits | HUBBELL | REK5 | \$75.00 | 0 | \$0.00 | \$0.00 |
| | | | | | | |
| Racks & Cabinet Materials Sub-Total | | | | | \$0.00 | \$0.00 |
| | | | | | | |
| Racks & Cabinet Labor Sub-Total | | | \$79.00 | 0 | \$0.00 | \$0.00 |
| | | | | | | |
| Racks & Cabinet Sub-Total | | | | | \$0.00 | \$0.00 |
| | | | | | | |
| TRENCHING & CONDUIT | | | | | | |
| TRENCHING & CONDUIT INSTALLATION | | | | | | |
| | | | | | | |

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| Lin. Ft. of Trench & 01-(4 inch) with install & restoration materials | CARLON | 49015SD-010 | \$75.00 | 0 | \$0.00 | \$0.00 |
| Lin. Ft. of Trench (3 inch) with install & restoration materials | | | \$68.00 | 0 | \$0.00 | \$0.00 |
| Concrete Hand Holes (2x3x3) with install & restoration materials | JENSEN | J2X3X3 | \$2,025.00 | 0 | \$0.00 | \$0.00 |
| Concrete Hand Holes (4x4x4) with install & restoration materials | JENSEN | J4X4X4 | \$3,250.00 | 0 | \$0.00 | \$0.00 |
| Concrete Hand Holes (30x48) with install & restoration materials | | | \$1,359.60 | 0 | \$0.00 | \$0.00 |
| 3/4 inch x 10 ft cu bond grounding rod | Wireguard | BLB7510 | \$39.44 | 0 | \$0.00 | \$0.00 |
| One Inch Fiber Optic PVC Innerduct | AMP | 1435738-3 | \$0.45 | 0 | \$0.00 | \$0.00 |
| One and one quarter inch Fiber Optic PVC Innerduct | AMP | 1435738-4 | \$0.49 | 0 | \$0.00 | \$0.00 |
| 3 inch Fiber Optic PVC innerduct added to existing trench | | | \$21.50 | 0 | \$0.00 | \$0.00 |
| 2 inch Fiber Optic PVC innerduct added to existing trench | | | \$14.50 | 0 | \$0.00 | \$0.00 |
| Sectional Conc Vault (B 30"x48" H20 Loading) (Service Substitution) | Christy | B3048BOX | \$1,359.60 | 0 | \$0.00 | \$0.00 |
| Trench (asphalt/concret)with 2-3" & 1-2" conduit | Vector | Vec-Trench-4 | \$111.00 | 0 | \$0.00 | \$0.00 |
| 24"x24"x8" Nema 3R Keyed with Pad Lock Hasp (Service Substitution) | PES | WNB24248-3-X | \$218.40 | 0 | \$0.00 | \$0.00 |
| 24X24x12 Nema 3R w/ Padlock (Service Substitution) | PES | WNB242412-3-GR1 | \$319.20 | 0 | \$0.00 | \$0.00 |
| 18X18X12 Nema 3R No Knockouts (Service Substitution) | Wireguard | 181812NKRTE | \$109.54 | 0 | \$0.00 | \$0.00 |
| 18x18X12 Nema 1 (Service Substitution) | | | \$65.28 | 0 | \$0.00 | \$0.00 |
| 12x12x4 Nema 4 No knockout (Service Substitution) | Wireguard | 181812SCE-NK | \$65.28 | -2 | -\$130.56 | -\$117.50 |
| | | | | | | |
| Trenching Material Sub-Total | | | | | -\$130.56 | -\$117.50 |
| | | | | | | |
| Trenching Labor Sub-Total | | | \$79.00 | 0 | \$0.00 | \$0.00 |
| | | | | | | |
| TRENCHING SUB- TOTAL | | | | | -\$130.56 | -\$117.50 |
| | | | | | | |
| ACTIVE NETWORKING HARDWARE | | | | | | |
| Catalyst 8 Port 10/100 Managed Switch W/1 Gig SFP Port | CISCO | WSC2940-8TF-S | \$449.00 | -1 | -\$449.00 | -\$404.10 |
| UPDATED 1-PORT T1 / FRACTIONAL T1 DSU/CSU WAN INTERFACE CARD | CISCO | WIC-1DSU-T1-V2 | \$636.00 | 0 | \$0.00 | \$0.00 |
| CISCO 3845 W/AC PWR,2GE, 1SFP, 4NME, 4HWIC, IP BASE, 64F / 256D | CISCO | CISCO3845 | \$8,268.00 | 0 | \$0.00 | \$0.00 |
| CISCO 3845 AC POWER SUPPLY | CISCO | PWR-3845-AC | \$848.00 | 0 | \$0.00 | \$0.00 |
| CISCO 3845 IOS ADVANCED ENT SERVICES WITH SNA SWITCHING | CISCO | S384SNAK9-12311T | \$4,261.20 | 0 | \$0.00 | \$0.00 |
| EXTERIOR BATTERY PACK | Tripp Lite | BP240VIORT3U | \$1,051.34 | 0 | \$0.00 | \$0.00 |
| POWER CORD, 250VAC 20A, STRAIGHT BLADE | CISCO | CAB-AC-2500W-US1 | \$24.19 | 0 | \$0.00 | \$0.00 |

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| NEMA 6-20 PLUG, US | | | | | | |
| 1YEAR EXT WARRANTY- Next Day | Tripp Lite | WEXT3SU6000 | \$535.28 | 0 | \$0.00 | \$0.00 |
| Enc C6509 CHASSIS, 9 SLOT, 15RU | CISCO | WS-6509-E | \$5,106.25 | 0 | \$0.00 | \$0.00 |
| Enc C6513 CHASSIS, 13 SLOT, 15RU | CISCO | WS-6513-E | \$7,625.00 | 0 | \$0.00 | \$0.00 |
| TRIPPLITE UPS ONLINE 6000VA 3U | Tripp Lite | SU6000RT3U | \$4,231.32 | 0 | \$0.00 | \$0.00 |
| BACKPLANE MANAGEMENT MODULE | Tripp Lite | SUPDM12 | \$264.42 | 0 | \$0.00 | \$0.00 |
| CISCO CAT6000-SUP720 IOS ENT W/IPV6/SSH/3DES LAN ONLY | CISCO | S733ALK9-12218SKD | \$4,300.00 | 0 | \$0.00 | \$0.00 |
| CATALYST 6509-E CHASSIS FAN TRAY | CISCO | WS-C6509-E-FAN | \$266.06 | 0 | \$0.00 | \$0.00 |
| CATALYST 6000 3000W AC POWER SUPPLY | CISCO | WS-CAC-3000W | \$1,612.50 | 0 | \$0.00 | \$0.00 |
| CATALYST 6500 / CISCO 7600 SUPERVISOR 720 FABRIC MSFC3 PFC3B | CISCO | WS-SUP720-3B | \$15,050.00 | 0 | \$0.00 | \$0.00 |
| CATALYST 6500 48 PORT FAB-ENABLED 10/100/1000 INLINE PWR MOD | CISCO | WS-X6548-CE-45AF | \$7,525.00 | 0 | \$0.00 | \$0.00 |
| CATALYST 6500 24 PORT GIGE MOD, FABRIC-ENABLED (REG. SFPs) | CISCO | WS-X6724-SFP | \$8,082.50 | 0 | \$0.00 | \$0.00 |
| CATALYST 6500 48 PORT GIGE MOD, FABRIC-ENABLED (REG. SFPs) | CISCO | WS-X6748-SFP | \$13,437.50 | 0 | \$0.00 | \$0.00 |
| CISCO VIEW DEVICE MGR 1.0 FOR CATALYST 6500 SERIES 3DES | CISCO | CVDM-6500-1.0-K9 | \$0.00 | 0 | \$0.00 | \$0.00 |
| GE SFP, LC Connector SX transceiver | CISCO | GLC-SX-MM | \$225.00 | -325 | -\$73,125.00 | -\$65,812.50 |
| GE SFP, LC Connector LH | CISCO | GLC-LH-SM | \$534.81 | 0 | \$0.00 | \$0.00 |
| Catalyst 3750 24 Port 10/100 + 2 SPF Slots | CISCO | WS-C3750-24TS-S | \$2,147.31 | 0 | \$0.00 | \$0.00 |
| Tripp-Lite Smart UPS 1000 Rack Mount | Tripp Lite | SU1000RTL2U | \$583.10 | 0 | \$0.00 | \$0.00 |
| Battery for 1 hr. Run Time | Tripp Lite | BP36V14-2U | \$365.79 | 0 | \$0.00 | \$0.00 |
| Extended warranty next day | Tripp Lite | WEXT3-500-1500 | \$65.88 | 0 | \$0.00 | \$0.00 |
| DUAL SLOT 8250 B/G WIRELESS AP | 3COM | 3CRWE825075A-US | \$452.24 | 0 | \$0.00 | \$0.00 |
| 54MBPS OUTDOOR BUILDING TO BUILDING BRIDGE | 3COM | 3CRWEASYG73-US | \$1,080.92 | 0 | \$0.00 | \$0.00 |
| EXTENDED HARDWARE SUPPORT FOR ACCESS POINTS | 3COM | 3CS-1YR-W-03E | \$33.69 | 0 | \$0.00 | \$0.00 |
| 6 FT. ANTENNA CABLE | 3COM | 3CWE480 | \$33.12 | 0 | \$0.00 | \$0.00 |
| 20 FT. ANTENNA CABLE | 3COM | 3CWE481 | \$46.64 | 0 | \$0.00 | \$0.00 |
| 8 dBi OMNI-DIRECTIONAL OUTDOOR ANTENNA | 3COM | 3CWE491 | \$114.24 | 0 | \$0.00 | \$0.00 |
| 2.5dBi OMNI-DIRECTIONAL CEILING MOUNT ANTENNA | 3COM | 3CWE492 | \$66.92 | 0 | \$0.00 | \$0.00 |
| Power Cord, 110V | CISCO | CAB-AC | \$0.00 | 0 | \$0.00 | \$0.00 |
| WINNCOM LIGHTNING ARRESTOR | WINCOM | WRLA2400 | \$51.75 | 0 | \$0.00 | \$0.00 |
| OUTDOOR ANTENNA MOUNTING KIT | VECTOR | VEC-WL-MT | \$100.00 | 0 | \$0.00 | \$0.00 |
| Cat-5e Line Cords (03 ft) | AMP | 1-219242-3 | \$2.92 | 0 | \$0.00 | \$0.00 |
| Cat-5e Line Cords (07 ft) | AMP | 1-219242-7 | \$3.86 | 0 | \$0.00 | \$0.00 |
| SC to LC 1 meter mm fiber optic patch cables | AMP | 1374615-1 | \$39.00 | 0 | \$0.00 | \$0.00 |
| SC to LC 2 meter mm fiber optic patch cables | AMP | 1374615-2 | \$42.00 | 0 | \$0.00 | \$0.00 |
| SC to LC 3 meter mm fiber optic patch cables | AMP | 1374615-3 | \$45.00 | 0 | \$0.00 | \$0.00 |

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| SC to LC 1 meter sm fiber optic patch cables | AMP | 1457072-1 | \$42.00 | 0 | \$0.00 | \$0.00 |
| SC to LC 2 meter sm fiber optic patch cables | AMP | 1457072-2 | \$45.00 | 0 | \$0.00 | \$0.00 |
| SC to LC 3 meter sm fiber optic patch cables | AMP | 1457072-3 | \$48.00 | 0 | \$0.00 | \$0.00 |
| SC to SC 1 meter mm fiber optic patch cables | AMP | 504971-1 | \$23.25 | 0 | \$0.00 | \$0.00 |
| SC to SC 2 meter mm fiber optic patch cables | AMP | 504971-2 | \$24.75 | 0 | \$0.00 | \$0.00 |
| SC to SC 3 meter mm fiber optic patch cables | AMP | 504971-3 | \$26.25 | 0 | \$0.00 | \$0.00 |
| Systems Testing & Certification | VECTOR | VECTOR 101 | \$25.00 | 0 | \$0.00 | \$0.00 |
| | | | | | | |
| Active Hardware Materials Sub-Total | | | | | -\$73,574.00 | -\$66,216.60 |
| | | | | | | |
| Staging, Lab Time, Installation & Testing Labor | | | \$95.00 | -80.25 | -\$7,623.75 | -\$6,861.38 |
| | | | | | | |
| ACTIVE HARDWARE SUB-TOTAL | | | | | -\$81,197.75 | -\$73,077.98 |
| | | | | | | |
| PROJECT SUB-TOTAL | | | | | \$58,038.75 | \$52,234.88 |
| PROJECT SALES-TAX (8.25%) | | | | | -\$6,080.63 | -\$5,472.56 |
| PROJECT TOTAL: | | | | | \$51,958.12 | \$46,762.31 |