



Proposal #: CFC2003

CITY OF FORT COLLINS BID #5757			
DESCRIPTION	PRICE PER UNIT	% MAT MARKUP	MANUFACTURER PART #
ST to ST MMF patch cord 1 meter	11.41 9.70	15%	CSC 336526
ST to ST MMF patch cord 2 meter	12.26 10.48	15%	CSC 336527
ST to ST SMF patch cord 1 meter	27.72 23.98	15%	CSC SL1013
ST to ST SMF patch cord 2 meter	34.39 29.17	15%	CSC SL1022
Duplex ST-SC SMF 3m patch cord	47.53 41.30	15%	CSC SL6122
Connectors MMF	7.06 6.00	15%	Corning 95-100-01R
Connectors SMF	18.09 15.38	15%	Corning 95-200-51
Siemons 24 port MMF patch panel	224.41 190.75	15%	FCP3-DWR \$118.00 ea, inserts 3 ea RIC-F-SA8-01 \$24.25 ea
Siemons 12 port MMF patch panel	101.62 87.38	15%	FCP3-DWR \$118.00 ea, inserts 2 ea RIC-F-SA6-01 \$18.19 ea
Siemons 24 port SMF patch panel	224.41 190.75	15%	FCP3-DWR \$118.00 ea, inserts 3 ea RIC-F-SA8-01 \$24.25 ea
Siemons 12 port SMF patch panel	101.62 87.38	15%	FCP3-DWR \$118.00 ea, inserts 2 ea RIC-F-SA6-01 \$18.19 ea
12 Strand MMF outside plant	1.52 1.29	15%	Corning 012KW4-14130A20 Alternate OCC \$1.81
24 Strand MMF outside plant	2.78 2.38	15%	Corning 024KW4-14130A20 Alternate OCC \$1.85
12 Strand SMF outside plant	.35 0.30	15%	Corning 012RW4-14101A20
24 Strand SMF outside plant	.71 0.60	15%	Corning 024RW4-14101A20
24 port MMF splice case	147.25 125.15	15%	Corning UCAO-05 -24
48 port MMF splice case	168.24 143.00	15%	Corning SCF-6C22-01
24 port SMF splice case	147.25 125.15	15%	Corning UCAO-05 -24
48 port SMF splice case	168.24 143.00	15%	Corning SCF-6C22-01
2" PVC conduit (per foot)	.62 0.53	15%	schedule 40, PVC-2
3" PVC conduit (per foot)	1.31 1.14	15%	schedule 40, PVC-3
4" PVC conduit (per foot)	1.74 1.48	15%	schedule 40, PVC-4
Innerduct (per foot)	.26 0.22	15%	Endot, ICE 100 XX XX 02
Pull Tape (per foot)	56.00	15%	Ideal, #31-340
Tracer Wire (per foot)	.04 0.03	15%	#12 copper wire
CAT 5e or better plenum rated cable	.13 0.11	15%	Commscope 5e55, Alternate Commscope 5504 \$.147
Siemons CAT 5e or better EIA T568B jacks	3.71 3.15	15%	Siemons Max MX5-02
Siemons CAT 5e or better 24 port patch panel	104.12 89.50	15%	Siemons HD5-24
Siemons CAT 5e or better 48 port patch panel	208.24 177.00	15%	Siemons HD5-48
Siemons 110 block field termination-wall mount	20.12 17.10	15%	Siemons S110AB2-100FT
Siemons 110 block field termination-rack mount	40.59 34.50	15%	Siemons S110DB1-100RFT
84" by 19" rack	117.65 100.00	15%	CPI 55053-703

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Siemons Wall Mount bracket dual port 3.76	\$ 3.20	15%	Siemons CT4-BOX-02
Siemons Surface mount Box dual port 0.53	\$ 8.10	15%	Siemons SM2-5-A4-A4-02 loaded
Siemons Face Plate -dual port 1.54	\$ 1.31	15%	Siemons MX-FP-S-02-02
Siemons Wall Mount bracket quad port 3.76	\$ 3.20	15%	Siemons CT4-BOX-02
Siemons Surface mount Box quad port 19.05	\$ 16.19	15%	Siemons SM4-5-A4-02 loaded
Siemons Face Plate -quad port 1.09	\$ 1.61	15%	Siemons MX-FP-S-04-02
CAT 5e or better patch cord -3 feet 3.06	\$ 2.60	15%	Siemons MC5-8T-03-02 Full warranty
CAT 5e or better patch cord -4 feet 3.38	\$ 2.82	15%	Siemons MC5-8T-04-02 Full warranty
CAT 5e or better patch cord -5 feet 3.54	\$ 3.01	15%	Siemons MC5-8T-05-02 Full warranty
CAT 5e or better patch cord -7 feet 4.06	\$ 3.41	15%	Siemons MC5-8T-07-02 Full warranty
CAT 5e or better patch cord -10 feet 4.72	\$ 4.01	15%	Siemons MC5-8T-10-02 Full warranty
CAT 5e or better patch cord -15 feet 5.93	\$ 5.04	15%	Siemons MC5-8T-15-02 Full warranty
CAT 5e or better patch cord -25 feet 8.33	\$ 7.08	15%	Siemons MC5-8T-25-02 Full warranty
CAT 5e or better patch cord -50 feet 14.75	\$ 12.54	15%	Siemons MC5-8T-50-02 Full warranty
50 pair 24 AWG IWC plenum cable (per foot) .89	\$ 0.78	15%	Essex 18-579-86
100 pair 24 AWG IWC plenum cable (per foot) 1.84	\$ 1.56	15%	Essex 18-799-86
200 pair 24 AWG IWC plenum cable (per foot) 4.49	\$ 3.82	15%	Essex 313719
50 pair 24 AWG Gel Filled Outside Plant .59	\$ 0.50	15%	Essex 09-100-02
100 pair 24 AWG Gel Filled Outside Plant 1.08	\$ 0.92	15%	Essex 09-104-02
200 pair 24 AWG Gel Filled Outside Plant 1.85	\$ 1.57	15%	Essex 09-108-02
LABOR			
Installation exterior conduit-labor (per hour)	\$ 28.50	per hour	\$.96 per foot
Pulling innerduct,trace wire and fiber cable	\$ 28.50	per hour	\$.96 per foot
Splicing fiber -labor (per hour)	\$ 28.50	per hour	\$12.00 per fiber
Terminating fiber - labor (per hour)	\$ 28.50	per hour	\$9.00 per fiber
Installind interior conduit - labor (per hour)	\$ 28.50	per hour	\$.96 per foot
Pulling interior CAT 5 e or better copper cable - labor (per hour)	\$ 28.50	per hour	\$.195 per foot, Avg 150ft run \$28.5
Terminating CAT5e or better copper cable - labor (per hour)	\$ 28.50	per hour	\$2.30 per connector, \$57.00 per 48 port panel
<p>City of Fort Collins will award Service Agreement to a Primary and a Secondary Vendor for both the Fiber Optic and the Copper Cabling categories, based on OVERALL ranking of Line Item results on this Bid Sheet. BIDDERS: PLEASE INDICATE THE PERCENTAGE OF MATERIAL MARK-UP YOU ARE PROPOSING TO CHARGE THE CITY, FOR EACH PARTS PRICE BID.</p>			
FIRM NAME: H&H DATA SERVICES, INC.		PHONE/FAX: P) 970.482.6064, F) 970.484.3252	
ADDRESS: 1310 WEBSTER AVE., FORT COLLINS, CO 80524			
BIDDER'S NAME: JOSEPH HEHN		DATE: JANUARY 14, 2003	
SIGNATURE: 			