

School Name: Denton ISD - Mayhill Road - Fiber Infrastructure Relocation Cost - Total Cost

	Description	UOM	Quantity	Unit Pricing	Subtotal
E01	Field Survey New Conduit Route	FOOT	16,500	\$ 0.50	\$ 8,250.00
E02	Design Conduit and Permitting in New Route	FOOT	16,500	\$ 0.50	\$ 8,250.00
E03	Design Cable in New Conduit Route	FOOT	53,500	\$ 0.15	\$ 8,025.00
E04	CAD New Conduit or Cable	FOOT	53,500	\$ 0.60	\$ 32,100.00
E05	Design Cable in Existing Conduit Route	FOOT		\$ 0.13	\$ -
E06	CAD New Cable in Existing Cable Route	FOOT		\$ 0.17	\$ -
E07	Review and CAD As-Built Drawings	FOOT	16,500	\$ 0.20	\$ 3,300.00
E08	Professional Engineer Review and Stamp Drawings	EACH	25	\$ 333.25	\$ 8,331.25
E09	Field Inspection (Based on Linear Feet of Project)	FOOT		\$ 0.47	\$ -
E10	Utility Crossing Profiles	EACH	20	\$ 300.00	\$ 6,000.00
E11	OSP Fiber Engineer (Inclusive of Vehicle)	HOUR		\$ 80.00	\$ -
E12	Survey Crew (2 Man Crew eq/ w GPS)	FOOT	16,500	\$ 1.35	\$ 22,275.00
				<b>Grand Total:</b>	<b>\$ 96,531.25</b>



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Description	UOM	Quantity	Unit Pricing		Subtotal	
			Labor	Material	Labor	Material
Bore and Place (1) 1½" OD HDPE Duct	FOOT	18,500	\$ 8.55	\$ 0.85	\$ 158,175.00	\$ 15,725.00
Bore and Place (1) 1½" OD HDPE Duct- Additional	FOOT	55,500	\$ 1.63	\$ 0.85	\$ 90,465.00	\$ 47,175.00
Bore and Place (1) 4" OD HDPE Duct	FOOT		\$ 10.20	\$ 3.45	\$ -	\$ -
Bore and Place (1) 6" ODHDPE Duct Additional	FOOT	1,000	\$ 13.50	\$ 8.10	\$ 13,500.00	\$ 8,100.00
Install 3' X 5' X 3' Handhole	EACH	17	\$ 407.02	\$ 1,100.00	\$ 6,919.34	\$ 18,700.00
Existing Handhole Entry (Excavation/Penetration)	EACH	9	\$ 407.02		\$ 3,663.18	\$ -
Removal of Existing Handhole	EACH	12	\$ 305.00	\$ -	\$ 3,660.00	\$ -
Place Fiber (12F)	FOOT		\$ 0.70	\$ 0.29	\$ -	\$ -
Place Fiber (24F)	FOOT		\$ 0.70	\$ 0.38	\$ -	\$ -
Place Fiber (36F)	FOOT		\$ 0.70	\$ 0.56	\$ -	\$ -
Place Fiber (48F)	FOOT	10,500	\$ 0.70	\$ 0.68	\$ 7,350.00	\$ 7,140.00
Place Fiber (72F)	FOOT		\$ 0.70	\$ 0.76	\$ -	\$ -
Place Fiber (96F)	FOOT	19,000	\$ 0.70	\$ 1.20	\$ 13,300.00	\$ 22,800.00
Place Fiber (144F)	FOOT	24,000	\$ 0.70	\$ 1.84	\$ 16,800.00	\$ 44,160.00
Install Locate Wire #12 AWG	FOOT	15,000	\$ 0.08	\$ 0.22	\$ 1,200.00	\$ 3,300.00
Splice and Terminate Fiber	FIBER	1392	\$ 44.00	\$ 1.30	\$ 61,248.00	\$ 1,809.60
Test Fiber	STRAND	816	\$ 14.50	\$ 1.52	\$ 11,832.00	\$ 1,240.32
Install Coyote Preformed Splice Case (8.5" x 22" equipped with trays and hardware)	EACH		\$ 164.06	\$ 938.60	\$ -	\$ -
Install Coyote Preformed Splice Case (6.5" x 22" equipped with trays and hardware)	EACH		\$ 144.38	\$ 553.94	\$ -	\$ -
Install Coyote Preformed Splice Case WITH Mid Entry Splice (8.5" x 22" eq/w trays and hardware)	EACH	13	\$ 242.00	\$ 1,053.00	\$ 3,146.00	\$ 13,689.00
Install Coyote Preformed Splice Case WITH Mid Entry Splice (6.5" x 22" eq/w trays and hardware)	EACH		\$ 218.40	\$ 553.94	\$ -	\$ -
8A Install ADC FL2000 Fiber Shelf (12F)	EACH		\$ 56.25	\$ 646.92	\$ -	\$ -
8B Install ADC FL2000 Fiber Shelf (24F)	EACH		\$ 62.50	\$ 1,363.71	\$ -	\$ -
8C Install ADC FL2000 Fiber Shelf (36F)	EACH		\$ 68.75	\$ 1,710.12	\$ -	\$ -
8D Install ADC FL2000 Fiber Shelf (48F)	EACH		\$ 75.00	\$ 2,237.66	\$ -	\$ -
8E Install ADC FL2000 Fiber Shelf (72F)	EACH		\$ 87.50	\$ 3,320.52	\$ -	\$ -
8F Install ADC FL2000 Fiber Shelf (96F)	EACH		\$ 100.00	\$ 4,293.71	\$ -	\$ -
8G Install ADC FL2000 Fiber Shelf (144F)	EACH	2	\$ 121.50	\$ 5,364.00	\$ 243.00	\$ 10,728.00
Cut and Restore Asphalt	CUBIC YARD		\$ 399.00	\$ 80.00	\$ -	\$ -
Cut and Restore Concrete	CUBIC YARD		\$ 504.00	\$ 160.00	\$ -	\$ -
Building Entrance w/ 2.0" Riser (Includes riser pipe, NEMA box, mounting hardware, building penetration, and sleeve) NO INSIDE WORK	EACH		\$ 400.00	\$ 200.00	\$ -	\$ -
Building Entrance w/ 4.0" Riser (Includes riser pipe, NEMA box, mounting hardware, building penetration, and sleeve) NO INSIDE WORK	EACH		\$ 500.00	\$ 300.00	\$ -	\$ -
Removal of Fiber Cable	FEET	53,500	\$ 0.45	\$ -	\$ 24,075.00	\$ -
					\$ 415,576.52	\$ 194,566.92
					<b>Grand Total:</b>	<b>\$ 610,143.44</b>