



J.C. Communications  
13425 Wire Road  
Leander, TX 78641  
Phone: (512) 670-1522  
Fax: (512) 267-5551

**Estimate**

**ESTIMATE NO**

4358

TO City of Killeen  
P.O. Box 1329  
Killeen, TX 76540

ESTIMATE DATE	VALID THRU	FOR	PAGE
10/23/2023	3/5/2024	Community Center Fiber Path B	1

MiCTA Contract #163AR-FBOS2019-0822 HUB# Certificate /VID Number: 1043647677300  
File/Vendor Number: 049070  
DIR-CPO-4785  
TIPS #230105  
Purchasing Coop Of America OD-386-23

The tree trimming line item is good only if Oncor does not provide tree trimming service and approves JC Com performing tree trimming

Excludes covering any Oncor prices not listed.

\* Trenching/ Boring path may change with updated information on the new building extension. Price may change as the path changes.\*

\*\*City to provide access to pole line, may or may not be on City property\*\*

2023-247

ITEM NO	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
LABOR - AERIAL	4330	Install 1/4" strand from the utility pole south of the Rail Road tracks & North 28th Street to the last pole in the aerial route at the northeast side of the Community Center	0.65	2,814.50*
LABOR - AERIAL	90	Pole Make Ready ( based on 3 moves per pole)	50.00	4,500.00*
LABOR - AERIAL	24	Place pole hardware	25.00	600.00
LABOR - AERIAL	13	Place down guy (anchors, strand)	225.00	2,925.00*
LABOR - AERIAL	8	Place pole grounds	25.00	200.00*
LABOR - AERIAL	4	Place slack management brackets (snow shoes)	35.00	140.00*
LABOR - UNDERGR	1	Place a riser on the last utility pole northeast	85.00	85.00*



THIS PROPOSAL EXPIRES IN 30 DAYS.

PAYMENT IS DUE UPON COMPLETION OF JC COMMUNICATIONS PORTION OF THE JOB,  
UNLESS AN AGREEMENT IS MADE BEFORE JOB IS STARTED.



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ITEM NO	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
		of Community Center		
LABOR - UNDERGR	250	Trench 1- 2" PVC from the last utility pole to the back wall (west side) of the Gym.	55.00	13,750.00*
LABOR - UNDERGR	15	Bore 1- 2" PVC under walkway	85.00	1,275.00*
LABOR - UNDERGR	2	Place 2 hand holes, 1 at the back wall west of the Gym, 2nd hand hole at the sidewalk where the boring will be done.	1250.00	2,500.00*
LABOR - UNDERGR	1	Place a riser on the exterior walls of the Community Center Bldg at the riser location for a fiber entry point. Place a sleeve in the entry hole and a NEMA box over the entry hole.	350.00	350.00
LABOR - SPLICIN	1	Provide and install one (1) Fiber enclosure in the rack at Community Center MDF.	85.00	85.00*
LABOR - AERIAL	400	Place 1" innerduct from the riser entrance to to the MDF	3.50	1,400.00*
LABOR - AERIAL	220	Overlash the 24ct SM armored OSP fiber cable from the aeral splice enclosure 1 span west south of the Rail Road tracks & North 28th Street to the aeral splice enclosure over 1 span west south of the Rail Road tracks & North 28th Street.	0.85	187.00*
LABOR - AERIAL	4830	Lash a 24ct SM armored OSP fiber cable from the aeral splice enclosure 1 span west south of the Rail Road tracks & North 28th Street to the last pole in the route to the Killeen Community Center	0.85	4,105.50*
LABOR - UNDERGR	810	Place Fiber down pole riser, into conduit, inside the building riser, inside the innerduct to the MDF.	1.20	972.00*



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ITEM NO	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
LABOR - SPLICIN	24	Fusion Splice 12ct 3m pigtails to the fiber in the enclosure	27.50	660.00*
LABOR - SPLICIN	24	Fusion Splice 12ct fiber to existing fiber in the splice enclosure at the Rail Road Tracks and North 28th street.	27.50	660.00*
LABOR - SPLICIN	24	Test fiber OTDR- Bi-Directional	10.00	240.00*
LABOR - SPLICIN	24	Test Power Meter - Attenuation	10.00	240.00*
LABOR - SPLICIN	1	Documentation, Labeling	125.00	125.00*
LABOR - UNDERGR	0	Pole 4 to Pole 5 Trenching	0.00	0.00*
LABOR - UNDERGR	55	Trench & place one (1) 2" Conduit between poles 4 & 5	65.00	3,575.00*
LABOR - UNDERGR	2	Place one (1) metal U Guard Risers on Pole 4 & 5.	55.00	110.00*
LABOR - UNDERGR	100	Place Fiber inside conduit & riser up both poles	1.20	120.00*
LABOR - UNDERGR	0	Pole 8 to Pole 9 Trenching	0.00	0.00*
LABOR - UNDERGR	55	Trench & place one (1) 2" Conduit between poles 8 & 9	65.00	3,575.00*
LABOR - SPLICIN	2	Place one (1) metal U Guard Risers on Pole 4 & 5.	55.00	110.00*
LABOR - UNDERGR	100	Place Fiber inside conduit & riser up both poles	1.20	120.00*
LABOR - AERIAL	1436	Tree Trimming - Option if Oncor doesn't provide the trimming and approves us performing the tree trimming (White Line)	5.65	8,113.40*
LABOR - AERIAL	2	Setup/ Mobilization	1200.00	2,400.00*
LABOR - AERIAL	1	Additional Labor/Materials required to complete the listed tasks.	11736.62	11,736.62*
LABOR - AERIAL	72	Pole Make Ready - (3 lines per pole)	75.00	5,400.00*



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ITEM NO	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
LABOR - AERIAL	1	Traffic Control (signs, barricades, crash truck)	3125.00	3,125.00*
LABOR - AERIAL	1	Engineering- ROW's for City/ State/ County, Permits, Plan view/ bore profiles and associated Oncor Pole attachments permits & PLA for aerial fiber route	32923.00	32,923.00*
LABOR - UNDERGR	1	Underground Utility Locates	1850.00	1,850.00*
MATERIALS - UND	500	2" PVC (Roll)	1.56	780.00*
MATERIALS - AER	6650	24ct SM Armored OSP	0.73	4,854.50*
MATERIALS - AER	400	1" Plenum Innerduct plenum	3.91	1,564.00*
MATERIALS - SPI	1	Rack Mounted Fiber Term Box LC SM 24ct Loaded includes 2- splice trays 12ct, 2- 12ct coupler panels LC	372.77	372.77*
MATERIALS - AER	2	12ct 3m Pigtails LC SM	66.76	133.52*
MATERIALS - SPI	24	Fusion Splice Sleeves	0.45	10.80*
MATERIALS - AER	4	Slack Management Brackets (Snow Shoes)	49.23	196.92*
MATERIALS - UND	2	24x24x24" handhole bottom	1093.58	2,187.16*
MATERIALS - UND	2	24x24x24 handhole lid	525.75	1,051.50*
MATERIALS - UND	1	12"x12"x8" NEMA Box	65.35	65.35*
MATERIALS - UND	4	2" EMT Conduit (10' section)	49.75	199.00*
MATERIALS - UND	2	2" EMT to 2" PVC coupler	9.30	18.60*
MATERIALS - UND	2	2" RT coupling	7.06	14.12*
MATERIALS - UND	2	2" RT connector	6.91	13.82*
MATERIALS - UND	8	2" 2 hole straps	0.76	6.08*
MATERIALS - AER	1	2" x 1' metal wall sleeve	47.49	47.49*
MATERIALS - AER	6200	1/4" strand	0.39	2,418.00
MATERIALS - AER	16	16" bolt 8816	4.98	79.68*
MATERIALS - AER	14	16" bolt w/ eye	7.31	102.34*
MATERIALS - AER	72	2" square washer	0.48	34.56*



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ITEM NO	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED
MATERIALS - AER	72	5/8" square nut	0.40	28.80*
MATERIALS - AER	22	5/8" Eye nut	4.98	109.56*
MATERIALS - AER	50	10" zinc strap	0.40	20.00*
MATERIALS - AER	50	1/2" cable bell spacer	0.10	5.00*
MATERIALS - AER	17	3 bolt straight clamp SI-1740	5.64	95.88*
MATERIALS - AER	62	Bug nut	0.90	55.80*
MATERIALS - AER	13	#6 split bolt SBN6	4.19	54.47*
MATERIALS - AER	100	#6 solid copper wire	0.70	70.00*
MATERIALS - AER	70	1/4" deadend	3.19	223.30*
MATERIALS - AER	13	6' x 5/8" anchor rod	40.21	522.73*
MATERIALS - AER	10	lashing wire (1,200 Roll)	21.13	211.30*
MATERIALS - UND	10	2.5" Steel U-guard riser 8ft stick - Pole Riser	60.61	606.10*
MATERIALS - AER	13	8' yellow guy guard	9.31	121.03*
MATERIALS - UND	4	2" Schedule 40, 90 DEG x 24" EL	23.98	95.92*
MATERIALS - AER	12	2" Schedule 40 PVC (10' Section)	29.88	358.56*
MATERIALS - UND	4	90 DEG BLD EL schedule 40 sweep	5.08	20.32*
MATERIALS - UND	4	45 DEG BLD EL schedule 40 sweep	4.71	18.84*
MATERIALS - UND	20	2" schedule 40 coupling	3.86	77.20*
MATERIALS - UND	2	Low VOC Solvent Cement	19.90	39.80*
MATERIALS - AER	1	Misc. Materials (tape, wrap, fiber cleaning supplies, caulk, etc.)	1250.00	1,250.00*

\* means item is non-taxable

**TOTAL AMOUNT 129,106.84**



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