

License #: B06237001



April 29, 2022

ABRAM RAMIREZ
CITY OF MISSION
1201 E. 8TH STREET
MISSION, TX 78572

Re: CITY OF MISSION FIBER CONNECTI
Bid # Q04064 STRUCTURED CABLING
TIPS # 200105

Dear ABRAM:

Thank you for the opportunity to submit the following proposal for the above referenced project.

Scope of Work:

STRUCTURED CABLING – NETWORK DROPS

- (1) DROPS – CATEGORY 6A OSP COMMSCOPE CABLING SOLUTION FOR CONNECTIVITY
- INCLUDES TERMINATIONS, JACKS, FACEPLATES, PATCH CORDS, AND PATCH PANELS
- INCLUDES INSTALLATION, TESTING, AND CERTIFICATION

9.00 EA @ 424.00 \$3,816.00

- (1) DROPS – CATEGORY 6A COMMSCOPE CABLING SOLUTION FOR DATA
- INCLUDES TERMINATIONS, JACKS, FACEPLATES, PATCH CORDS, AND PATCH PANELS
- INCLUDES INSTALLATION, TESTING, AND CERTIFICATION

165.00 EA @ 292.00 \$48,180.00

24 PORT PATCH PANELS
COMMSCOPE 760207274

10.00 EA @ 66.00 \$660.00

1 PORT SURFACE MOUNT BOX
COMMSCOPE 107984015

100.00 EA @ 3.58 \$358.00

ENCLOSED WALL MOUNT RACK
HOFFMAN EMMW162425

4.00 EA @ 779.00 \$3,115.20



Re: CITY OF MISSION FIBER CONNECTI
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FIBER RUN – CITY HALL TO PARKS AND REC
12ST INDOOR/OUTDOOR SM FIBER
COMMScope P-012-OZ-8W-FSUBK

800.00 EA @ 10.21 \$8,168.00

FIBER RUN – WASTE WATER TO ANIMAL SHELTER
12ST INDOOR/OUTDOOR SM FIBER
COMMScope P-012-OZ-8W-FSUBK

2,000.00 EA @ 10.21 \$20,420.00

FIBER RUN – NORTH WATER PLANT TO PUBLIC WORKS
12ST INDOOR/OUTDOOR SM FIBER
COMMScope P-012-OZ-8W-FSUBK

950.00 EA @ 10.21 \$9,699.50

FIBER RUN – BOYS&GIRLS BANWORTH TO AQUATIC CENTER
12ST INDOOR/OUTDOOR SM FIBER
COMMScope P-012-OZ-8W-FSUBK

500.00 EA @ 10.21 \$5,105.00

FIBER RUN – AQUATIC CENTER TO FIRE SUB #3
12ST INDOOR/OUTDOOR SM FIBER
COMMScope P-012-OZ-8W-FSUBK

700.00 EA @ 10.21 \$7,147.00

FIBER RUN – BOYS&GIRLS WAR VETERANS TO PANTRY
12ST INDOOR/OUTDOOR SM FIBER
COMMScope P-012-OZ-8W-FSUBK

350.00 EA @ 10.21 \$3,573.50



Re: CITY OF MISSION FIBER CONNECTI
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FIBER RUN – NORTH WATER PLANT OFFICE TO NORTH WATER PLANT
12ST INDOOR/OUTDOOR SM FIBER
COMMSCOPE P-012-OZ-8W-FSUBK

550.00	EA	@	10.21	\$5,615.50
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AIR FIBER CONNECTIVITY
WIRELESS POINT TO POINT
UBIQUITY AF-24-HD-US

2.00	EA	@	4,114.03	\$8,228.05
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FIBER RUN – WASTE WATER TO SANITATION
12ST INDOOR/OUTDOOR SM FIBER
COMMSCOPE P-012-OZ-8W-FSUBK

500.00	EA	@	10.21	\$5,105.00
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FIBER ADAPTER CASSETTE LC
COMMSCOPE PNLBK024KFALC02BLNS

16.00	EA	@	418.60	\$6,697.60
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FIBER OPTIC SPLICE PIG TAILS
COMMSCOPE FAWLCUC0C

192.00	EA	@	22.33	\$4,287.36
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FIBER TERMAINATION LIU ENCLOSURE
COMMSCOPE SD-1U

16.00	EA	@	474.60	\$7,593.60
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FIBER FAN OUT KIT
COMMSCOPE 760018838

16.00	EA	@	53.20	\$851.20
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Re: CITY OF MISSION FIBER CONNECTI
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FIBER OPTIC PATCH CORDS
COMMSCOPE FEWLCLC42-JXF002

32.00	EA	@	40.60	\$1,299.00
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6 ST INDOOR/OUTDOOR MM FIBER
COMMSCOPE 700009772

200.00	EA	@	0.96	\$192.00
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6 ST INDOOR/OUTDOOR MM FIBER
COMMSCOPE 700009772

200.00	EA	@	0.96	\$192.00
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FIBER ADAPTER CASSETTES
COMMSCOPE 760149344

4.00	EA	@	58.80	\$235.20
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FIBER OPTIC LC CONNECTORS
COMMSCOPE MFC-LCR-09-BG

24.00	EA	@	4.80	\$115.20
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FIBER ENCLOSURE 2U
COMMSCOPE SD-2U

2.00	EA	@	298.80	\$597.60
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FIBER OPTIC PATCH CORD 2'
COMMSCOPE FEXLCLC42-MXM001

24.00	EA	@	34.80	\$835.20
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FIBER OPTIC PATCH CORD 10'
COMMSCOPE FEXLCLC42-MXM002

14.00	EA	@	36.00	\$504.00
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Re: CITY OF MISSION FIBER CONNECTI
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12'' GROUND BUS BAR
CHATSWORTH 13622-012

4.00 EA @ 127.20 \$508.80

RACK GROUND BUS BAR
CHATSWORTH 10610-019

4.00 EA @ 72.00 \$288.00

ONE MOUNTING HLE GROUND TERMIN
CHATSWORTH 10610-019

4.00 EA @ 18.60 \$74.40

CABLE SHEATH BONDING CLAMP
3M 4460-D

4.00 EA @ 1.80 \$ 7.20

#6 AWG SOLID GREEN GROUND WIRE
ESSEX 12-018-04

200.00 EA @ 1.33 \$266.00

SPLICE TUBES
STANDARD FSSSD-060-LEV

150.00 EA @ 0.77 \$115.50

2"PVC SCH 40 CONDUIT
98006006006

720.00 EA @ 7.76 \$5,587.20

2" PVC 90DEG ELBOW PLAIN END
98006006046

36.00 EA @ 35.00 \$1,260.00



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2" PVC COUPLING
98006006106

36.00 EA @ 1.12 \$40.32

2" PVC CONNECTORS
98006006206

36.00 EA @ 1.29 \$46.44

2" LOCK RINGS
78174720106

72.00 EA @ 1.23 \$88.56

2" PVC "LB"
98006006546

18.00 EA @ 124.60 \$2,242.80

UNISTRUT 1 5/8"
980022S0047

20.00 EA @ 96.35 \$1,927.00

2" 2 HOLE CONDUIT STRAPS
78174701906

54.00 EA @ 1.90 \$102.60

JUNCTION BOXES 12" X 12" X 6
98006006699

18.00 EA @ 128.80 \$2,318.40

CAN OF PVC GLUE
08367503032

2.00 EA @ 12.04 \$24.08

2" CONDUIT STRAPS
980022S0010

54.00 EA @ 3.12 \$168.48

UNDERGROUND ENCLOSURES
Old Castle PC2436-18

18.00 EA @ 628.60 \$11,314.80

3/4" J HOOKS
ERICO CADDY CAT21HP

450.00 EA @ 2.80 \$1,260.00



Re: CITY OF MISSION FIBER CONNECTI
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NON-PENETRATING CEILING MOUNT
ROHN NON EZ NP-94-200

2.00	EA	@	260.39	\$520.77
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RACEWAY BASE AND COVER
WIREMOLD 2900

60.00	EA	@	2.61	\$156.60
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ENTRANCE END FITTING
WIREMOLD 2986

19.00	EA	@	1.92	\$36.48
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SINGLE GANG BOX
WIREMOLD NM2048

15.00	EA	@	5.82	\$87.30
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3/4'' CARFLEX
MPWR NMLT3/4REEL

750.00	EA	@	1.26	\$945.00
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WEATHERPROOF SINGLE GANG BOX
MPWR WB1475

19.00	EA	@	4.58	\$87.02
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METAL COVER FOR WEATHERPROOF BOX
MPWR WC1B

19.00	EA	@	0.78	\$14.82
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3/4'' CARFLEX CONNECTOR
MPWR NMLT-75

31.00	EA	@	3.33	\$103.23
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3/4'' ONE WHOLE STRAP
MPWR 2133S

200.00	EA	@	0.14	\$28.00
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SELF TAPPING SCREWS



Re: CITY OF MISSION FIBER CONNECTI
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MPWR 79012J

2.00	EA	@	10.4	\$20.98
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8 PORT SWITCH
NETGEAR GS308PP

35.00	EA	@	154.80	\$5,418.00
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SINGLE MODE SFP MODULES
CISCO SFP-10G-LR-ENC

22.00	EA	@	330.00	\$7,260.00
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LABOR

(INCLUDES INSTALLATION OF FIBER RUNS, TESTING AND CERTIFICATION,
INCLUDES TRENCHING AND BORING, INSTALLATION OF PVC CONDUITS,
AND ENCLOSURES
INCLUDES INSTALALTION OF WALL MOUNT ENCLOSED RACKS,
INCLUDES INSTALLATION OF AIR FIBER RADIOS)

1.00	EA	@	188,262.00	\$188,262.00
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Total Price	\$383,172.00
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ADDER

— IF PLYWOOD IS NEEDED FOR THE INSTALLATION OF (4) RACKS PLEASE ADD
AN ADDITIONAL AMOUNT OF \$1,168.00

***NOTE: NETGEAR SWITCHES AND SFP MODULES DO NOT INCLUDE INSTALLATION

EXCLUDING THE FOLLOWING:

1. ELECTRICAL WORK, 120 VAC CONNECTIONS
2. ANY ADDITIONAL WORK NOT INCLUDED, IF REQUIRED BY OWNER.
3. MAN LIFT TO BE PROVIDED BY OWNER AS NEEDED.
4. PLYWOOD BOARDS AND FIRE-RETARDANT PAINT BY GC.
6. ANY PAINTING TO BE COMPLETED BY OTHERS.



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Prices are firm for 30 days from quote, with exception of Copper and other
Volatile Commodities.

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I hope you find this proposal complete and to your satisfaction.

Sincerely,

Noe Tamez
Project Estimator