

***** FINAL INVOICE *****

Comcast Cable Communications
8590 W Tidwell
Houston, TX 77040-5569
ATTN: Sharron Fox

U-0026

INVOICE NUMBER: COM - 45381 Westpark Extension Phase 2
INVOICE DATE: 5/15/2020

FORT BEND COUNTY, TEXAS
COUNTY AUDITOR
301 JACKSON STREET
RICHMOND, TX 77469
ATTN: JILLIAN PETERSON

TERMS: UPON RECEIPT

FINAL INVOICE

Beginning date: 4/10/2018
Completion date: 1/14/2019

FM 1093/Westpark Extension Phase II
Utility Agreement U-0026
CSJ: 0543-02-063, etc.
County PO: 170362
Federal Project No: N/A

		ESTIMATED COST PER AGREEMENT		TOTAL ACTUAL COST		VARIANCE
TOTAL COSTS		\$ 458,865.49	\$	488,630.34	\$	29,764.85
ELGIBILITY RATIO	50%	\$ 229,432.75	\$	244,315.17	\$	14,882.42

Total Reimbursement Request \$ 244,315.17

COST COMPARISON SHEET
FM 1093/Westpark Extension Phase II

				<i>Total Submitted on Agreement</i>	<i>Total Invoiced</i>	<i>Variance</i>	
A. Material	Quantity	Unit	Price	Total			
Construction Material							
Screw, 6" Anchor	22	each	15.81 \$	347.82 \$	347.82 \$	347.82 \$	-
Attachment guy, down strap (pig ear)	22	each	1.68 \$	36.96 \$	36.96 \$	36.96 \$	-
Bolt, machine 5/8 x 18"	100	each	1.65 \$	165.00 \$	165.00 \$	165.00 \$	-
Bolt, Thimble Eye Straight 5/8 x 16"	20	each	3.55 \$	71.00 \$	71.00 \$	71.00 \$	-
Clamp, Bonding K-1 Weaver	200	each	1.68 \$	336.00 \$	336.00 \$	336.00 \$	-
Clamp, D-lashing wire	200	each	0.327 \$	65.40 \$	65.40 \$	65.40 \$	-
Clamp, Suspension bolt, 3 bolt straight	100	each	2.59 \$	259.00 \$	259.00 \$	259.00 \$	-
Grip, Dead end 5/16" Preformed	25	each	2.12 \$	53.00 \$	53.00 \$	53.00 \$	-
Guard, 8" yellow guy	22	each	3.5 \$	77.00 \$	77.00 \$	77.00 \$	-
Nut, Thimble eye 5/8"	20	each	1.98 \$	39.60 \$	39.60 \$	39.60 \$	-
Spacer, 1/2" Saddle Bell	400	each	0.05 \$	20.00 \$	20.00 \$	20.00 \$	-
Strand, 1/4" Galvanized	23000	ft	0.13 \$	2,990.00 \$	2,990.00 \$	2,990.00 \$	-
Two hole strap, 2 3/16 galvanized steel for 2" cable guard	192	each	0.338 \$	64.90 \$	64.90 \$	64.90 \$	-
Strap, U Guard 2 hole 3-3/16"	32	each	0.853 \$	27.30 \$	27.30 \$	27.30 \$	-
Strap, Lashed Cable Zinc 10"	600	each	0.15 \$	88.20 \$	88.20 \$	88.20 \$	-
Tape 3/4" x 60' Vinyl	20	each	3.729 \$	74.58 \$	74.58 \$	74.58 \$	-
Washer, Square 2" x 2"	400	each	0.18 \$	72.00 \$	72.00 \$	72.00 \$	-
Wire, Bare Copper, (315' roll) #6	315	ft	0.559 \$	176.09 \$	176.09 \$	176.09 \$	-
Tag, Aerial Fiber with LOGO	500	each	0.237 \$	118.50 \$	118.50 \$	118.50 \$	-
30X48X36 Polymer Concrete Hand Hole	6	each	977.68 \$	5,866.08 \$	5,866.08 \$	5,866.08 \$	-
4" X 36" Long Radius Sweeps w/ 4" Couplers	12	each	25.77 \$	309.24 \$	309.24 \$	309.24 \$	-
Yard Pea Gravel	6	each	62.38 \$	374.28 \$	374.28 \$	374.28 \$	-
Loop Fiber Storage 16 IN Aluminum w/ Hardware (144 - 240 ct)	25	each	43.3 \$	1,082.50 \$	1,082.50 \$	1,082.50 \$	-
Heat Shrink Sleeve for Fiber	2500	each	0.6914 \$	1,728.50 \$	1,728.50 \$	1,728.50 \$	-
Splice Closure, Fiber Pak Plus (above 96 ct)	12	each	455.28 \$	5,463.36 \$	5,463.36 \$	5,463.36 \$	-
Splice Closure, Mid Pak w/ 2 trays (up to 96 ct)	8	each	286.4 \$	2,291.20 \$	2,291.20 \$	2,291.20 \$	-
Splice Tray, Fiber Pak Plus	30	each	11.35 \$	340.50 \$	340.50 \$	340.50 \$	-
Encl FOSC 450-D6	12	each	323.66 \$	3,883.92 \$	3,883.92 \$	3,883.92 \$	-
Tray Fiber Splice FOSC-ACC-D-36	10	each	20.82 \$	208.20 \$	208.20 \$	208.20 \$	-
Fiber 24 Ct Armored	2000	ft	0.283 \$	566.00 \$	566.00 \$	566.00 \$	-
Fiber 48 Ct Armored	16000	ft	0.368 \$	5,888.00 \$	5,888.00 \$	5,888.00 \$	-
Fiber 72 Ct Armored	3500	ft	0.729 \$	2,551.50 \$	2,551.50 \$	2,551.50 \$	-
Fiber 240 Ct Armored	10000	ft	1.082 \$	10,820.00 \$	10,820.00 \$	10,820.00 \$	-
Total Materials					\$ 46,455.62	\$ 46,455.62	\$ -

B. Labor- Comcast Internal

Document/Process Administration	20 per hour	56.76	\$	1,135.20	\$	1,135.20	\$	1,135.20	\$	-
CAD Design/ Engineering	40 per hour	95.00	\$	3,800.00	\$	3,800.00	\$	3,800.00	\$	-
Labor-Internal	120 per hour	95.00	\$	11,400.00	\$	11,400.00	\$	11,400.00	\$	-
Comcast Internal Labor Sub-Total				\$ 16,335.20	\$	16,335.20	\$	16,335.20	\$	-

C. Construction

	Total Invoiced by Contractor				Estimated	Total Invoiced	Variance
	Quantity	Unit	Price	Total	Total Submitted		
Subcontractor Labor							
Hand Dig 36"	400	per foot	3.17	\$ 1,268.00	\$ 1,268.00		\$ -
Directional Boring Pulling 2 pipes or 1 pipe deeper than 5'	1463	per foot	95.00	\$ 138,985.00	\$ 138,985.00		\$ -
Dig Up	6	each	125.00	\$ 750.00	\$ 750.00		\$ -
Set 30X40X36 Poly Concrete Vaults	6	each	310.52	\$ 1,863.12	\$ 1,863.12		\$ -
Strand	22285	per foot	0.30	\$ 6,685.50	\$ 6,685.50		\$ -
Delash/Relash	22285	per foot	0.52	\$ 11,588.20	\$ 11,588.20		\$ -
Wreck Out and Disposal	22285	per foot	0.30	\$ 6,685.50	\$ 6,685.50		\$ -
Pole Transfer	25	each	29	\$ 725.00	\$ 725.00		\$ -
Install 6M Downguy	11	each	15.16	\$ 166.76	\$ 166.76		\$ -
Down Guy Removal	11	each	15.00	\$ 165.00	\$ 165.00		\$ -
Install Anchor	11	each	22	\$ 242.00	\$ 242.00		\$ -
Install Down Guy with Guard	11	each	17.5	\$ 192.50	\$ 192.50		\$ -
Install Riser and Riser Guy (Wood Pole)	12	each	29.72	\$ 356.64	\$ 356.64		\$ -
Resag Strand	2258	per foot	0.35	\$ 790.30	\$ 790.30		\$ -
Riser Transfer to new Poles	4	each	75	\$ 300.00	\$ 300.00		\$ -
Wreck Out Anchor and Down Guy	8	each	22.5	\$ 180.00	\$ 180.00		\$ -
Lash Fiber to Bare Strand - Lash Up to 2 Fiber Cables and Tag	22285	per foot	0.68	\$ 15,153.80	\$ 15,153.80		\$ -
Each Additional Fiber on New Strand		per foot	0.2	\$ -	\$ -		\$ -
Splice Fiber Per Fusion	2352	each	30	\$ 70,560.00	\$ 70,560.00		\$ -
Lash Storage Loops Aerial	25	each	150	\$ 3,750.00	\$ 3,750.00		\$ -
Storage Loops UG	5	each	100	\$ 500.00	\$ 500.00		\$ -
Pull Innerduct or Fiber Cable in New Conduit	4491	per foot	0.85	\$ 3,817.35	\$ 3,817.35		\$ -
Splicer with Bucket Truck	25	each	150	\$ 3,750.00	\$ 3,750.00		\$ -
Place New Strand	11197	per foot	0.3	\$ 3,359.10		\$ 3,359.10	\$ 3,359.10
Lash New Coax or Fiber on Empty Strand	7166	per foot	0.55	\$ 3,941.30		\$ 3,941.30	\$ 3,941.30
Overlash Coax or Fiber	7166	per foot	0.75	\$ 5,374.50		\$ 5,374.50	\$ 5,374.50
Delash Coax or Fiber	28540	per foot	0.56	\$ 15,982.40		\$ 15,982.40	\$ 15,982.40
Relash Coax or Fiber	19162	per foot	0.56	\$ 10,730.72		\$ 10,730.72	\$ 10,730.72
VGR	2	each	76.8	\$ 153.60		\$ 153.60	\$ 153.60
Delash and Drop Storage Case or Fiber Loop	22	each	82.61	\$ 1,817.42		\$ 1,817.42	\$ 1,817.42

Lash Up or Relash Storage Case or Fiber Loop	10	each	82.61	\$	826.10		\$	826.10	\$	826.10
Pole Transfer	66	each	35	\$	2,310.00		\$	2,310.00	\$	2,310.00
Pole Transfer Dead End T-Poles and False Deadends	13	each	50	\$	650.00		\$	650.00	\$	650.00
Anchor and Guy	7	each	40	\$	280.00		\$	280.00	\$	280.00
Pass Throught Invoices for Subcontracting Labor (ODB) as Approved by	142995	each	1.1	\$	157,294.50		\$	157,294.50	\$	157,294.50
Pass Throught Invoices for Subcontracting Labor (ODB) as Approved by	29996	each	1.1	\$	32,995.38		\$	32,995.38	\$	32,995.38
Composite New Fiber	580	per foot	5.2	\$	3,016.00		\$	3,016.00	\$	3,016.00
Dig Up 48"	9	each	165	\$	1,485.00		\$	1,485.00	\$	1,485.00
Place Coax in Empty Duct	4858	per foot	0.55	\$	2,671.90		\$	2,671.90	\$	2,671.90
Place Fiber in Empty Duct	5658	per foot	0.75	\$	4,243.50		\$	4,243.50	\$	4,243.50
Composite Coax (Strand and Coax)	480	per foot	0.8	\$	384.00		\$	384.00	\$	384.00
Place New Strand	4843	per foot	0.3	\$	1,452.90		\$	1,452.90	\$	1,452.90
Lash New Coax or Fiber on Empty Strand	3078	per foot	0.55	\$	1,692.90		\$	1,692.90	\$	1,692.90
Overlash Coax or Fiber	6115	per foot	0.75	\$	4,586.25		\$	4,586.25	\$	4,586.25
Delash Coax or Fiber	16436	per foot	0.56	\$	9,204.16		\$	9,204.16	\$	9,204.16
Relash Coax or Fiber	18731	per foot	0.56	\$	10,489.36		\$	10,489.36	\$	10,489.36
Delash and Drop Storage Case or Fiber Loop	24	each	82.61	\$	1,982.64		\$	1,982.64	\$	1,982.64
Lash Up or Relash Storage Case or Fiber Loop	8	each	82.61	\$	660.88		\$	660.88	\$	660.88
Pole Transfer	60	each	35	\$	2,100.00		\$	2,100.00	\$	2,100.00
Pole Tranfer Deadend T-poles and False Deadends	2	each	50	\$	100.00		\$	100.00	\$	100.00
Pole Transfer	1	each	35	\$	35.00		\$	35.00	\$	35.00
Anchor and Guy	3	each	40	\$	120.00		\$	120.00	\$	120.00
Tree Trim	458	per foot	1.1	\$	503.80		\$	503.80	\$	503.80
Replace Power Supply Module	1	each	65	\$	65.00		\$	65.00	\$	65.00
Replace Power Supply Batteries	1	each	65	\$	65.00		\$	65.00	\$	65.00
Drop Wire Move	1	each	33	\$	33.00		\$	33.00	\$	33.00
Splice Passives Includes Activation	6	each	42.5	\$	255.00		\$	255.00	\$	255.00
Sweep New Plant	4881	per foot	0.16	\$	780.96		\$	780.96	\$	780.96
Fiber Splicing 97 or Greater	720	each	21	\$	15,120.00		\$	15,120.00	\$	15,120.00
Strap Splice Case	3	each	100	\$	300.00		\$	300.00	\$	300.00
Install Splice Enclosure	3	each	142	\$	426.00		\$	426.00	\$	426.00
Aerial Line Crew and Truck	1	each	65	\$	65.00		\$	65.00	\$	65.00
Set Up Fee	1	each	686.25	\$	686.25		\$	686.25	\$	686.25
Total Labor							\$	268,474.67	\$	298,239.52

TOTALS							\$	331,265.49	\$	361,030.34	\$	29,764.85
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Total Invoiced by Contractor for Comcast

American Communications Construction
Submitted 5/18/2018
Invoice # ACC45381

\$ 45,425.14

American Communications Construction
Submitted 8/6/2018
Invoice # ACC74909

\$ 190,289.88

Total Invoiced for Original U-0026 work

\$ 298,239.52

American Communications Construction
Submitted 1/11/2019
Invoice # ACC78040

\$ 62,524.50

Subcontractor Total Invo \$ 298,239.52

D. Engineering

Jier, LLC
Utility Record Collaboration
Utility Inventory
Utility Field Verification
Utility Conflict Resolution
Engineering Plan and Profile Sheets
Engineering Plan Sheets
TXDot URL Submittals
Meeting and Utility Coordination
Agreement Preperation
Construction Survey Staking

<i>Quantity</i>	<i>Unit</i>	<i>Price</i>	<i>Total</i>	<i>Estimated Total</i>	<i>Total Invoiced</i>	<i>Variance</i>
40	ea	\$ 150.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ -
40	ea	\$ 150.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ -
40	ea	\$ 229.00	\$ 9,160.00	\$ 9,160.00	\$ 9,160.00	\$ -
80	ea	\$ 75.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ -
20	ea	\$ 2,500.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ -
8	ea	\$ 1,450.00	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	\$ -
2	ea	\$ 545.00	\$ 1,090.00	\$ 1,090.00	\$ 1,090.00	\$ -
118	ea	\$ 125.00	\$ 14,750.00	\$ 14,750.00	\$ 14,750.00	\$ -
1	pk	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ -
5	dy	\$ 3,500.00	\$ 17,500.00	\$ 17,500.00	\$ 17,500.00	\$ -
			\$ 127,600.00	\$ 127,600.00	\$ 127,600.00	\$ -

Jier, LLC
Submitted 2/12/2019
Invoice # J2.1580_00 \$ 127,600.00

Subcontractor Total Invo \$ 127,600.00



8590 WEST TIDWELL ROAD
HOUSTON TX 77040

Westpark Toll Road Phase II

Description	Quan	U/M	Cost per U/M	Cost w/o Burden
DOCUMENT/PROCESS ADMINISTRATION	20.00	<i>hr</i>	\$ 56.76	\$ 1,135.20
CAD DESIGN/ ENGINEERING	40.00	<i>hr</i>	\$ 95.00	\$ 3,800.00
PROJECT MANAGEMENT	120.00	<i>hr</i>	\$ 95.00	\$ 11,400.00
			Total Internal Labor	\$ <u>16,335.20</u>

American Communications Construction

11602 Hufsmith Kuykendahl

Tomball, Texas 77375

Telephone 281-379-1449

Fax 281-379-2907

Invoice

Date	Invoice #
5/18/2018	ACC45381

Bill To
Comcast Cable Communications, Inc. Accounting Manager 8590 West Tidwell Houston, Texas 77040

Job Name		Funding Request #		Contract No.	Job Tracker #
WESTPARK EXTENSION PH 2		1		MDU-2-04-0078-ON	45381
Vendor No.	P.O. No.	Terms		Construction Manager	Construction Division
272153	2345796	Net 45		SCOTT WESTERMAN	FORCED RELOCATE

Description	Amount
This Invoice includes charges for work performed for WESTPARK EXTENSION PH 2, JT# 45381.	45,425.14
FINAL INVOICE FUNDING REQUEST 1	
<i>Aven R Mc Bride</i> Contracting Representative	
All work is complete!	
Total	\$45,425.14

Job Name: Westpark Extension Phase 2
Hub/ Job Number: CIN 45381

Job Type: Forced Relocate
PO Number: 2345796

FR # 1 of 1 LABOR: \$75724.51

FINAL INVOICE

		<u>Qty</u>		Cost		Ext Cost
BAUA1	Place New Strand	11,197	\$	0.30	\$	3,359.10
BAUA2	Lash New Coax OR FIBER on Empty Strand	7,166	\$	0.55	\$	3,941.30
BAUA3	Overlash Coax or Fiber	7,166	\$	0.75	\$	5,374.50
BAUA4	DELASH COAX OR FIBER	28,540	\$	0.56	\$	15,982.40
BAUA5	RELASH COAX OR FIBER	19,162	\$	0.56	\$	10,730.72
BAUA7	VGR	2	\$	76.80	\$	153.60
BAUA21	DELASH AND DROP SPLICE CASE OR STORAGE LO	22	\$	82.61	\$	1,817.42
BAUA22	LASH UP OR RELASH SPLICE CASE OR STORAGE LO	10	\$	82.61	\$	826.10
BAUA23	Pole Transfer Straight	66	\$	35.00	\$	2,310.00
BAUA24	Pole Transfer Deadend T- poles and False Deadends	13	\$	50.00	\$	650.00
BAUA26	Anchor and Guy	7	\$	40.00	\$	280.00

GRAND TOTAL MAXIMUM PERMITTED RATE

\$ 45,425.14

Job Name: Westpark Tollroad Phase 2 Seg 2
Hub/ Job Number: CIN 74909

Job Type: Forced Relocate
PO Number: 2345796

FR # 1 \$190290.10

FINAL

		<u>Qty</u>	Cost	Ext Cost
BAUH19	PASS THROUGH INVOICES FOR SUBCONTRACTING LABOR AS APPROVED BY COMPANY (COST + %)	142,995	\$ 1.10	\$ 157,294.50
BAUH20	PASS THROUGH INVOICES FOR MATERIALS AS APPROVED BY COMPANY (COST + %)	29,996	\$ 1.10	\$ 32,995.38

GRAND TOTAL MAXIMUM PERMITTED RATE

\$ 190,289.88

Job Name: Westpark Tollroad Phase 3 Seg 1

Hub/ Job Number: CIN 78040

FR #: 1

EXTERNAL LABOR \$ 72598.94

Job Type: Forced Relocate

PO Number: 2345796

FINAL INVOICE

		<u>Qty</u>		Cost		Ext Cost
BAUU20	Composit New Undeerground Fiber	580	\$	5.20	\$	3,016.00
BAUU8	Dig up 48"	9	\$	165.00	\$	1,485.00
BAUU13	Place coax in Empty duct	4,858	\$	0.55	\$	2,671.90
BAUU14	Place fiber in Empty Duct	5,658	\$	0.75	\$	4,243.50
BAUA8	Composit Coax (Strand and Coax)	480	\$	0.80	\$	384.00
BAUA1	Place New Strand	4,843	\$	0.30	\$	1,452.90
BAUA2	Lash New Coax OR FIBER on Empty Strand	3,078	\$	0.55	\$	1,692.90
BAUA3	Overlash Coax or Fiber	6,115	\$	0.75	\$	4,586.25
BAUA4	DELASH COAX OR FIBER	16,436	\$	0.56	\$	9,204.16
BAUA5	RELASH COAX OR FIBER	18,731	\$	0.56	\$	10,489.36
BAUA21	DELASH AND DROP SPLICE CASE OR STORAGE LOOP	24	\$	82.61	\$	1,982.64
BAUA22	LASH UP OR RELASH SPLICE CASE OR STORAGE LOOP	8	\$	82.61	\$	660.88
BAUA23	Pole Transfer Straight	60	\$	35.00	\$	2,100.00
BAUA24	Pole Transfer Deadend T- poles and False Deadends	2	\$	50.00	\$	100.00
BAUA25	Pole Transfer Straight	1	\$	35.00	\$	35.00
BAUA26	Anchor and Guy	3	\$	40.00	\$	120.00
BAUA30	Tree Trim	458	\$	1.10	\$	503.80
BAUP3	Repalce Power Suuply Module	1	\$	65.00	\$	65.00
BAUP4	Replace Power Supply Battiers	1	\$	65.00	\$	65.00
BAUS2	Drop Wire Move	1	\$	33.00	\$	33.00
BAUS20	Splice Passive INCLUDES ACTIVATION	6	\$	42.50	\$	255.00
BAUS21	Sweep New Plant	4,881	\$	0.16	\$	780.96
BAUS9	Fiber Splicing 97 OR GREATER	720	\$	21.00	\$	15,120.00
BAUS12	STRAP SPLICE CASE	3	\$	100.00	\$	300.00
BAUS14	INSTALL SPLICE ENCLOSURE	3	\$	142.00	\$	426.00
BAUH4	Aerial Line Truck and Crew (Aerial Trip)	1	\$	65.00	\$	65.00
BAUH17	Set Up Fee	1	\$	686.25	\$	686.25

GRAND TOTAL MAXIMUM PERMITTED RATE

\$ 62,524.50



Invoice

JIER-LLC
22123 Blossom Meadow Court
Katy, Texas 77494
Ph: (713) 204-0795
Fax: (281) 392-2460

Date: 02/12/19
Invoice # **J2.1580_001**

Quote for:

Ms. Margaret Blackwell
 Comcast Cable
 7033 Airport Boulevard
 Houston, Texas 77061
 Ph: 281-624-3021
 Cell: 281-831-8109

Prepared by: Jason Martignoni

U-0006

Comments or Special Instruction:

J2.1580_WESTPARK TOLLWAY EXTENSION (PHASE II) A - U0006					
Line Item	Description	Unit	Qty.	Unit Price	Amount
1	Utility Record Colaboration	ea	40	\$150.00	\$6,000.00
2	Utility Inventory	ea	40	\$150.00	\$6,000.00
3	Utility Field Verification	ea	40	\$229.00	\$9,160.00
4	Utility Conflict Resolution	ea	80	\$75.00	\$6,000.00
5	Engineering Plan and Profiles - Sheets	ea	20	\$2,500.00	\$50,000.00
6	Engineering Plan - Sheets	ea	8	\$1,450.00	\$11,600.00
7	Engineering Comments	ea	0	\$2,500.00	\$0.00
8	TxDOT URL submittals	ea	2	\$545.00	\$1,090.00
9					
10					
11	Meeting and Utiltiy Coordination	ea	118	\$125.00	\$14,750.00
12	Agreement Preparation - U0006	pk	1	\$5,500.00	\$5,500.00
13	Construction Survey Staking	dy	5	\$3,500.00	\$17,500.00
				Subtotal	\$127,600.00
				Tax 0.00%	\$0.00
				Total	\$127,600.00

If you have any questions concerning this quotation contact Jason Martignoni, (281) 726-3530

THANK YOU FOR THIS OPPORTUNITY!