



CenterPoint Energy

1111 Louisiana
Houston, TX 77002
P.O. Box 2628
Houston, TX 77252-2628

SOLD TO: Fort Bend County 301 Jackson St. Richmond, TX 77469	INVOICE NO U-0025 DATE: 05/14/19 INVOICE AMOU \$355,768.87
Attention: Michael Kaspar, P.E. Project Utility Coordinator	

Page 1 of 7

FINAL INVOICE

CNP-Gas FM 1093 -Westpark, from sta 2195+00TO STA 2260+00 and from Flewellen to FM 1463
Utility Agreement #: U-0025

SUMMARY:

MATERIAL & SUPPLIES	\$80,987.99
P/S OVERHEAD 5.33%	\$4,318.54
TOTAL MATERIAL & SUPPLIES	\$85,306.53
ENGINEERING	\$11,081.38
CONTRACT LABOR	\$182,016.26
CONTRACT EQUIPMENT	\$6,858.38
COMPANY LABOR	\$1,033.62
COMPANY EQUIPMENT	\$961.13
CONTRACT/COMPANY LABOR & EQUIPMENT	\$201,950.77
INVOICE SUBTOTAL	\$287,257.30
GENERAL OVERHEAD 24.81%	\$68,511.58
TOTAL COSTS	\$355,768.87
LESS PAYMENT RECEIVED / NON-REIMBURSABLE WORK ORDERS	
None	\$0.00
TOTAL DUE THIS INVOICE	\$355,768.87

Please return lower portion with your remittance. Thank you!

District: Texas Coast

Business Partner:
Contract Account:

Project Start Date: August 2017
Project Finish Date: January 2019

Please Mail Remittance To:

CenterPoint Energy-Gas Engineering
Lydia Mares, Manager
1111 Louisiana, Ste. 1261
Houston, Texas 77002
Phone: 713-207-4260

Project Name: CNP-Gas FM 1093 -Westpark, from sta 2195+00 TO STA 2260+00 and from Flewellen t
Date: 5/14/2019
Reimbursable Work Order#: SUPERIOR 81932853 - 81933252, 81933454, 81933647, 81933742, 86885412, 88209304

Project Overall

	Actual	Reimbursable 50%	Reimbursable 100%	Total Reimbursable
Material & Supplies				
SEGMENT 1	\$ 74,675.65	\$ 37,337.83	\$ -	\$ 37,337.83
SEGMENT 2	\$ 72,261.83	\$ 36,130.92	\$ -	\$ 36,130.92
SEGMENT 1 ADDITION	\$ 820.69	\$ -	\$ 820.69	\$ 820.69
SEGMENT 2 ADDITION	\$ 6,698.56	\$ -	\$ 6,698.56	\$ 6,698.56
Material & Supplies Total	\$ 154,456.73	\$ 73,468.74	\$ 7,519.25	\$ 80,987.99
P/S Overhead @ 7.64% (Actual See Item Sheet)	\$ 8,008.02	\$ 3,689.48	\$ 629.06	\$ 4,318.54
Material & Supplies Total	\$ 162,464.75	\$ 77,158.22	\$ 8,148.31	\$ 85,306.53
Engineering				
SEGMENT 1	\$ 6,130.57	\$ 3,065.29	\$ -	\$ 3,065.29
SEGMENT 2	\$ 16,032.18	\$ 8,016.09	\$ -	\$ 8,016.09
SEGMENT 1 ADDITION	\$ -	\$ -	\$ -	\$ -
SEGMENT 2 ADDITION	\$ -	\$ -	\$ -	\$ -
Engineering Subtotal	\$ 22,162.75	\$ 11,081.38	\$ -	\$ 11,081.38
Contract Labor				
SEGMENT 1	\$ 174,900.00	\$ 87,450.00	\$ -	\$ 87,450.00
SEGMENT 2	\$ 132,405.00	\$ 66,202.50	\$ -	\$ 66,202.50
SEGMENT 1 ADDITION	\$ 2,973.00	\$ -	\$ 2,973.00	\$ 2,973.00
SEGMENT 2 ADDITION	\$ 25,390.76	\$ -	\$ 25,390.76	\$ 25,390.76
Contract Labor Subtotal	\$ 335,668.76	\$ 153,652.50	\$ 28,363.76	\$ 182,016.26
Contract Equipment				
SEGMENT 1	\$ -	\$ -	\$ -	\$ -
SEGMENT 2	\$ -	\$ -	\$ -	\$ -
SEGMENT 1 ADDITION	\$ 1,995.00	\$ -	\$ 1,995.00	\$ 1,995.00
SEGMENT 2 ADDITION	\$ 4,863.38	\$ -	\$ 4,863.38	\$ 4,863.38
Contract Equipment Subtotal	\$ 6,858.38	\$ -	\$ 6,858.38	\$ 6,858.38
Company Labor				
SEGMENT 1	\$ -	\$ -	\$ -	\$ -
SEGMENT 2	\$ 940.92	\$ 470.46	\$ -	\$ 470.46
SEGMENT 1 ADDITION	\$ -	\$ -	\$ -	\$ -
SEGMENT 2 ADDITION	\$ 563.16	\$ -	\$ 563.16	\$ 563.16
Company Labor Subtotal	\$ 1,504.08	\$ 470.46	\$ 563.16	\$ 1,033.62
Company Equipment				
SEGMENT 1	\$ -	\$ -	\$ -	\$ -
SEGMENT 2	\$ 920.90	\$ 460.45	\$ -	\$ 460.45
SEGMENT 1 ADDITION	\$ -	\$ -	\$ -	\$ -
SEGMENT 2 ADDITION	\$ 500.68	\$ -	\$ 500.68	\$ 500.68
Company Equipment Subtotal	\$ 1,421.58	\$ 460.45	\$ 500.68	\$ 961.13
Invoice Sub-Total	\$ 530,080.30	\$ 242,823.01	\$ 44,434.29	\$ 287,257.30
General Overhead @ 20.062% (Actual See Item Sheet)	\$ 127,359.70	\$ 58,848.13	\$ 9,663.45	\$ 68,511.58
Total Construction Cost	\$ 657,440.00	\$ 301,671.13	\$ 54,097.74	\$ 355,768.87

Project Name:

CNP-Gas FM 1093 -Westpark, from sta 2195+00TO STA 2260

Date:

5/14/2019

Reimbursable Work Order#:

SUPERIOR 81932853 - 81933252, 81933454, 81933647,
81933742, 86885412, 88209304

Project Overall

	Actual	Estimate	Variance
Material & Supplies			
SEGMENT 1	\$ 74,675.65	\$ 82,911.18	\$ (8,235.53)
SEGMENT 2	\$ 72,261.83	\$ 82,932.88	\$ (10,671.05)
SEGMENT 1 ADDITION	\$ 820.69	\$ -	\$ 820.69
SEGMENT 2 ADDITION	\$ 6,698.56	\$ -	\$ 6,698.56
Material & Supplies Total	\$ 154,456.73	\$ 165,844.06	\$ (11,387.33)
P/S Overhead @ 7.64% (Actual See Item Sheet)	\$ 8,008.02	\$ 20,979.27	\$ (12,971.25)
Material & Supplies Total	\$ 162,464.75	\$ 186,823.33	\$ (24,358.58)
Engineering			
SEGMENT 1	\$ 6,130.57	\$ 16,800.00	\$ (10,669.42)
SEGMENT 2	\$ 16,032.18	\$ 21,600.00	\$ (5,567.82)
SEGMENT 1 ADDITION	\$ -	\$ -	\$ -
SEGMENT 2 ADDITION	\$ -	\$ -	\$ -
Engineering Subtotal	\$ 22,162.75	\$ 38,400.00	\$ (16,237.25)
Contract Labor			
SEGMENT 1	\$ 174,900.00	\$ 108,841.20	\$ 66,058.80
SEGMENT 2	\$ 132,405.00	\$ 118,609.00	\$ 13,796.00
SEGMENT 1 ADDITION	\$ 2,973.00	\$ -	\$ 2,973.00
SEGMENT 2 ADDITION	\$ 25,390.76	\$ -	\$ 25,390.76
Contract Labor Subtotal	\$ 335,668.76	\$ 227,450.20	\$ 108,218.56
Contract Equipment			
SEGMENT 1	\$ -	\$ 121,251.00	\$ (121,251.00)
SEGMENT 2	\$ -	\$ 132,132.50	\$ (132,132.50)
SEGMENT 1 ADDITION	\$ 1,995.00	\$ -	\$ 1,995.00
SEGMENT 2 ADDITION	\$ 4,863.38	\$ -	\$ 4,863.38
Contract Equipment Subtotal	\$ 6,858.38	\$ 253,383.50	\$ (246,525.12)
Company Labor			
SEGMENT 1	\$ -	\$ -	\$ -
SEGMENT 2	\$ 940.92	\$ -	\$ 940.92
SEGMENT 1 ADDITION	\$ -	\$ -	\$ -
SEGMENT 2 ADDITION	\$ 563.16	\$ -	\$ 563.16
Company Labor Subtotal	\$ 1,504.08	\$ -	\$ 1,504.08
Company Equipment			
SEGMENT 1	\$ -	\$ -	\$ -
SEGMENT 2	\$ 920.90	\$ -	\$ 920.90
SEGMENT 1 ADDITION	\$ -	\$ -	\$ -
SEGMENT 2 ADDITION	\$ 500.68	\$ -	\$ 500.68
Company Equipment Subtotal	\$ 1,421.58	\$ -	\$ 1,421.58
Invoice Sub-Total	\$ 530,080.30	\$ 706,057.03	\$ (175,976.73)
General Overhead @ 20.062% (Actual See Item Sheet)	\$ 127,359.70	\$ 144,812.30	\$ (17,452.60)
Total Construction Cost	\$ 657,440.00	\$ 850,869.33	\$ (193,429.33)

Project Name:
Date:
Reimbursable Work Order#:

SEGMENT 1 - PROP. 8" IP PLA along FM 1093 from STA 2195+00 to STA 2260+00
5/14/2019
81933252, 81933454

Material & Supplies	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
ABANDON AND SLURRY-FILL MATERIAL	-	-	\$ -	\$ -	76.41	CY	\$ 150.00	\$ 11,461.50	\$ (11,461.50)
ANODE,MAG,HI POTENTIAL,32#,GALVOPAK,W/18	1	EA	\$ 79.08	\$ 79.08	1	EA	\$ 86.84	\$ 86.84	\$ (7.76)
ANODE,ZINC, 5#,99.99%,W/7" #12TW,PKG	6	EA	\$ 19.87	\$ 119.21	6	EA	\$ 14.38	\$ 86.28	\$ 32.93
CAP,PLA,6,IPS,BUTT FUSION,YELLOW,PE-2406	8	EA	\$ 21.20	\$ 169.57	1	EA	\$ 10.72	\$ 10.72	\$ 158.85
CAP,PLA,8,BUTT FUSION,YELLOW	-	-	\$ -	\$ -	4	EA	\$ 22.29	\$ 89.16	\$ (89.16)
CAP,WELD,8,STD	2	EA	\$ 42.71	\$ 85.41	1	EA	\$ 39.76	\$ 39.76	\$ 45.65
COUPLING,PLA,FUSAMATIC,5,CENTRAL,	3	EA	\$ 25.54	\$ 76.62	-	-	\$ -	\$ -	\$ 76.62
COUPLING,PLA,ELE-FUS,8,CENTRAL	25	EA	\$ 36.87	\$ 921.87	-	-	\$ -	\$ -	\$ 921.87
COUPLING,REDUCER,8 X 6,IPS,BUTT FUSION	1	EA	\$ 28.46	\$ 28.46	-	-	\$ -	\$ -	\$ 28.46
ELL,45,PLA,5,YELLOW,PE-2406	1	EA	\$ 19.25	\$ 19.25	-	-	\$ -	\$ -	\$ 19.25
ELL,90,PLA,6,BUTT FUSION,SDR 11,PE-2406,	1	EA	\$ 19.90	\$ 19.90	5	EA	\$ 19.38	\$ 96.90	\$ (77.00)
ELL,90,PLA,8,BF,SDR 11,PE-2406,YELLOW,W/	11	EA	\$ 58.81	\$ 646.95	16	EA	\$ 58.45	\$ 935.20	\$ (288.25)
ELL,90,WELD,8,STD,LR	1	EA	\$ 112.96	\$ 112.96	-	-	\$ -	\$ -	\$ 112.96
MARKER BALL,OMNI,MODEL #164,GAS	-	-	\$ -	\$ -	4	EA	\$ 7.25	\$ 29.00	\$ (29.00)
MARKER,CARSONITE,62",YELLOW,HOUSTON	-	-	\$ -	\$ -	6	EA	\$ 11.87	\$ 71.22	\$ (71.22)
MUELLER,H-17255,8,LINE STOPPER,PC FTG	-	-	\$ -	\$ -	2	EA	\$ 1,420.33	\$ 2,840.66	\$ (2,840.66)
MUELLER,H-17280,8,LINE STOPPER,BOTTOM OU	1	EA	\$ 1,794.14	\$ 1,794.14	-	-	\$ -	\$ -	\$ 1,794.14
PIPE,PLA,6,IPS,YELLOW,SDR-11.5	80	FT	\$ 5.65	\$ 452.01	88	FT	\$ 5.59	\$ 491.92	\$ (39.91)
PIPE,PLA,8,IPS,YELLOW,SDR-11.5	6,250	FT	\$ 9.64	\$ 60,228.73	6076	FT	\$ 9.50	\$ 57,722.00	\$ 2,506.73
PIPE,STL,CASING,10,PE,BARE	-	-	\$ -	\$ -	20	FT	\$ 13.00	\$ 260.00	\$ (260.00)
PIPE,STL,CASING,12,PE,BARE	-	-	\$ -	\$ -	280	FT	\$ 15.00	\$ 4,200.00	\$ (4,200.00)
PIPE,STL,FBC,8,219W,ERW,19.66#/FT,X42	10	FT	\$ 14.56	\$ 145.55	-	-	\$ -	\$ -	\$ 145.55
PIPE,STL,FBC,12,250W,ERW,33.41#/FT,X42	200	FT	\$ 29.42	\$ 5,883.19	-	-	\$ -	\$ -	\$ 5,883.19
REDUCER,PLASTIC,8 X 6,BUTT FUSION	-	-	\$ -	\$ -	1	EA	\$ 28.04	\$ 28.04	\$ (28.04)
SIGN,9X12,CATHODIC PROTECTION	-	-	\$ -	\$ -	1	EA	\$ 4.11	\$ 4.11	\$ (4.11)
TEE,PLA,8,IPS,BF,YELLOW,PE-2406	-	-	\$ -	\$ -	1	EA	\$ 69.82	\$ 69.82	\$ (69.82)
TEE,PLA,6,IPS,BUTT FUSION,YELLOW,PE-2406	1	EA	\$ 28.76	\$ 28.76	-	-	\$ -	\$ -	\$ 28.76
TEE,TAPPING,ELECTROFUSION,8X2	6	EA	\$ 58.57	\$ 351.40	-	-	\$ -	\$ -	\$ 351.40
TEE,TAPPING,PLA,6 X 2,HI VOL,ELE-FUS	2	EA	\$ 50.59	\$ 101.17	-	-	\$ -	\$ -	\$ 101.17
TEE,TAPPING,PLA,6"X1"CTS,SOCKET FUSION	2	EA	\$ 5.55	\$ 11.09	-	-	\$ -	\$ -	\$ 11.09
TEE,TAPPING,PLA,8 X 1 CTS,ELECTROFUSION	6	EA	\$ 13.35	\$ 80.09	-	-	\$ -	\$ -	\$ 80.09
TEST STATION,66",INTERNAL TERMINAL,YELLO	-	-	\$ -	\$ -	1	EA	\$ 24.14	\$ 24.14	\$ (24.14)
TRANSITION FTG,8X8,YELLOW,PE-2406	1	EA	\$ 450.05	\$ 450.05	1	EA	\$ 360.58	\$ 360.58	\$ 89.47
VALVE,BALL,PLA,6 INCH,FOR YELLOW PE PIPE	1	EA	\$ 340.48	\$ 340.48	1	EA	\$ 389.70	\$ 389.70	\$ (49.22)
VALVE,BALL,POLY,8",SDR 11.0,PE2406	3	EA	\$ 617.97	\$ 1,853.92	3	EA	\$ 698.21	\$ 2,094.63	\$ (240.71)
WIRE,COPPER,#10 AWG,SOLID,TYPE HMWPE	-	-	\$ -	\$ -	6076	FT	\$ 0.25	\$ 1,519.00	\$ (1,519.00)
WIRE,COPPER,#12 AWG,SOLID,TYPE HMWPE	6,340	FT	\$ 0.11	\$ 675.79	-	-	\$ -	\$ -	\$ 675.79
Material & Supplies Subtotal				\$ 74,675.65				\$ 82,911.18	\$ (8,235.53)
P/S Overhead @ 12.65% (Actual 5.05%)				\$ 3,771.13				\$ 10,488.26	\$ (6,717.13)
Material & Supplies Total				\$ 78,446.78				\$ 93,399.44	\$ (14,952.66)
Engineering									
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	Variance
Cadd Operator	43.48	H	\$ 68.00	\$ 2,956.57	-	-	\$ -	\$ -	\$ 2,956.57
Clerical	-	-	\$ -	\$ -	3.7	H	\$ 45.00	\$ 166.00	\$ (166.00)
Sr. CAD/Drafter	-	-	\$ -	\$ -	100	H	\$ 75.00	\$ 7,500.00	\$ (7,500.00)
Sr. Designer	35	H	\$ 82.00	\$ 2,870.00	83	H	\$ 82.00	\$ 6,806.00	\$ (3,936.00)
Sr. Project Manager	2	H	\$ 97.00	\$ 194.00	24	H	\$ 97.00	\$ 2,328.00	\$ (2,134.00)
Principal	1	H	\$ 110.00	\$ 110.00	-	-	\$ -	\$ -	\$ 110.00
Engineering Subtotal				\$ 6,130.57				\$ 16,800.00	\$ (10,669.42)
Contract Labor									
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	Variance
Foreman	-	-	\$ -	\$ -	780	H	\$ 26.70	\$ 20,826.00	\$ (20,826.00)
Lead Laborer	-	-	\$ -	\$ -	780	H	\$ 16.15	\$ 12,597.00	\$ (12,597.00)
Laborer	-	-	\$ -	\$ -	1560	H	\$ 14.65	\$ 22,854.00	\$ (22,854.00)
Operator	-	-	\$ -	\$ -	780	H	\$ 24.87	\$ 19,398.60	\$ (19,398.60)
Truck Driver	-	-	\$ -	\$ -	780	H	\$ 15.25	\$ 11,895.00	\$ (11,895.00)
Welder	-	-	\$ -	\$ -	780	H	\$ 27.27	\$ 21,270.60	\$ (21,270.60)
IN. 6" PE MAIN	80	FT	\$ 45.00	\$ 3,600.00	-	-	\$ -	\$ -	\$ 3,600.00
Install 8" PE MAIN	6150	FT	\$ 27.00	\$ 166,050.00	-	-	\$ -	\$ -	\$ 166,050.00
Construction Services	1	LT	\$ 5,250.00	\$ 5,250.00	-	-	\$ -	\$ -	\$ 5,250.00
Contract Labor Subtotal				\$ 174,900.00				\$ 108,841.20	\$ 66,058.80
Contract Equipment									
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	Variance
Crew Truck W/ Torch, Air Comp	0	H	\$ -	\$ -	780	H	\$ 37.40	\$ 29,172.00	\$ (29,172.00)
Misc. Tools and Water Pump	0	H	\$ -	\$ -	780	H	\$ 10.75	\$ 8,385.00	\$ (8,385.00)
Pick Up Truck (1/2 Ton)	0	H	\$ -	\$ -	780	H	\$ 7.00	\$ 5,460.00	\$ (5,460.00)
Rubber Tire Backhoe	0	H	\$ -	\$ -	780	H	\$ 20.00	\$ 15,600.00	\$ (15,600.00)
Welding Truck	0	H	\$ -	\$ -	780	H	\$ 14.30	\$ 11,154.00	\$ (11,154.00)
Boring Rig	0	H	\$ -	\$ -	780	H	\$ 38.00	\$ 29,640.00	\$ (29,640.00)
Dump Truck (12-14 YD)	0	H	\$ -	\$ -	780	H	\$ 28.00	\$ 21,840.00	\$ (21,840.00)
Contract Equipment Subtotal				\$ -				\$ 121,251.00	\$ (121,251.00)
Invoice Sub-Total				\$ 259,477.35				\$ 340,291.64	\$ (80,814.29)
General Overhead @ 20.51% (Actual 23.63%)				\$ 61,311.14				\$ 69,793.82	\$ (8,482.68)
SEGMENT 1 Invoice Total				\$ 320,788.49				\$ 410,085.46	\$ (89,296.96)

Project Name:

Segment 1 - Addition - PROP. 8" IP PLA OFFSET along FM 1093 - STA 2247+00

Date:

5/14/2019

Reimbursable Work Order#:

86885412

Material & Supplies	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
ANODE,ZINC, 5#,99.99%,W/7' #12TW,PKG	1	EA	\$ 20.35	\$ 20.35	-	-	-	\$ -	\$ 20.35
COUPLING,PLA,ELE-FUS,8,CENTRAL	2	EA	\$ 48.18	\$ 96.36	-	-	-	\$ -	\$ 96.36
ELL,90,PLA,8,BF,SDR 11,PE-2406,YELLOW,W/	4	EA	\$ 57.89	\$ 231.55	-	-	-	\$ -	\$ 231.55
PIPE,PLA,2,IPS,SDR 11,YELLOW,500' ROLL	30	FT	\$ 0.72	\$ 21.51	-	-	-	\$ -	\$ 21.51
PIPE,PLA,8,IPS,YELLOW,SDR-11.5	35	FT	\$ 9.40	\$ 328.90	-	-	-	\$ -	\$ 328.90
TEE,TAPPING,ELECTROFUSION,8X2	2	EA	\$ 58.79	\$ 117.57	-	-	-	\$ -	\$ 117.57
WIRE,COPPER,#12 AWG,SOLID,TYPE HMWPE	40	FT	\$ 0.11	\$ 4.45	-	-	-	\$ -	\$ 4.45
Material & Supplies Subtotal				\$ 820.69				\$ -	\$ 820.69
P/S Overhead (Actual 4.34%)				\$ 35.63				\$ -	\$ 35.63
Material & Supplies Total				\$ 856.32				\$ -	\$ 856.32
Contract Labor	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Foreman	11.500	H	\$ 38.00	\$ 437.00	-	-	-	\$ -	\$ 437.00
Foreman OT	10.500	H	\$ 53.00	\$ 556.50	-	-	-	\$ -	\$ 556.50
Operator	11.500	H	\$ 32.00	\$ 368.00	-	-	-	\$ -	\$ 368.00
Operator OT	10.500	H	\$ 44.00	\$ 462.00	-	-	-	\$ -	\$ 462.00
Lead Laborer	11.500	H	\$ 24.50	\$ 281.75	-	-	-	\$ -	\$ 281.75
Lead Laborer OT	10.500	H	\$ 33.50	\$ 351.75	-	-	-	\$ -	\$ 351.75
Laborer	11.500	H	\$ 20.40	\$ 234.60	-	-	-	\$ -	\$ 234.60
Laborer OT	10.500	H	\$ 26.80	\$ 281.40	-	-	-	\$ -	\$ 281.40
Contract Labor Subtotal				\$ 2,973.00				\$ -	\$ 2,973.00
Contract Equipment	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Crew Truck W/ Torch, Air Comp	22.000	H	\$ 45.00	\$ 990.00	-	-	-	\$ -	\$ 990.00
Backhoe 580 CASE	33.500	H	\$ 30.00	\$ 1,005.00	-	-	-	\$ -	\$ 1,005.00
Contract Equipment Subtotal				\$ 1,995.00				\$ -	\$ 1,995.00
Invoice Sub-Total	Actual				Estimate				Variance
				\$ 5,824.32				\$ -	
General Overhead (Actual 21.16%)				\$ 1,232.58				\$ -	\$ 1,232.58
SEGMENT 1 Addition-Invoice Total				\$ 7,056.90				\$ -	\$ 7,056.90

Project Name:
Date:
Reimbursable Work Order#:

SEGMENT 2 - PROP. 8" IP STL along FM 1093 from Flewellen Place to FM 1463
5/14/2019
81933742

Material & Supplies	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
ABANDON AND SLURRY-FILL MATERIAL	-	-	\$ -	\$ -	41.15	CY	\$ 150.00	\$ 6,172.50	\$ (6,172.50)
ANODE,MAG,HI POTENTIAL,32#,GALVOPAK,W/18	2	EA	\$ 79.08	\$ 158.15	2	EA	\$ 86.84	\$ 173.68	\$ (15.53)
CAP,PLA,4,IPS,BUTT FUSION,YELLOW,PE-2406	-	-	\$ -	\$ -	1	EA	\$ 4.22	\$ 4.22	\$ (4.22)
CAP,PLA,6,IPS,BUTT FUSION,YELLOW,PE-2406	-	-	\$ -	\$ -	1	EA	\$ 10.72	\$ 10.72	\$ (10.72)
CAP,WELD,8,STD	4	EA	\$ 42.70	\$ 170.81	2	EA	\$ 39.76	\$ 79.52	\$ 91.29
COUPLING,WELD,RED,6 X 4,STD,CONC	-	-	\$ -	\$ -	1	EA	\$ 43.61	\$ 43.61	\$ (43.61)
COUPLING,WELD,RED,8 X 6,STD,CONC	-	-	\$ -	\$ -	2	EA	\$ 57.26	\$ 114.52	\$ (114.52)
ELL,90,WELD,8,STD,LR	9	EA	\$ 112.96	\$ 1,016.68	11	EA	\$ 105.78	\$ 1,163.58	\$ (146.90)
MARKER BALL,OMNI,MODEL #164,GAS	-	-	\$ -	\$ -	4	EA	\$ 7.25	\$ 29.00	\$ (29.00)
MARKER,CARSONITE,62",YELLOW,HOUSTON	-	-	\$ -	\$ -	2	EA	\$ 11.87	\$ 23.74	\$ (23.74)
MARKERS,GAS LINE CURB,2-1/2X1/8,TEST STA	-	-	\$ -	\$ -	2	EA	\$ 3.01	\$ 6.02	\$ (6.02)
M&S Exp-One Pay Card	1	EA	\$ 819.70	\$ 819.70	-	-	\$ -	\$ -	\$ 819.70
MUELLER,H-17255,8,LINE STOPPER,PC FTG	-	-	\$ -	\$ -	3	EA	\$ 1,420.33	\$ 4,260.99	\$ (4,260.99)
MUELLER,H-17260,8,LINE STOPPER,BOTTOM OU	2	EA	\$ 1,697.81	\$ 3,395.61	1	EA	\$ 1,591.26	\$ 1,591.26	\$ 1,804.35
PIPE,STL,FBC,8,,219W,ERW,19.66#/FT,X42	3455	FT	\$ 14.56	\$ 50,287.93	-	-	\$ -	\$ -	\$ 50,287.93
PIPE,STL,FBC,8,,219W,ERW,19.66#/FT,X52	-	-	\$ -	\$ -	3347	FT	\$ 19.64	\$ 65,735.08	\$ (65,735.08)
SIGN,9X12,CATHODIC PROTECTION	-	-	\$ -	\$ -	2	EA	\$ 4.11	\$ 8.22	\$ (8.22)
TEE,WELD,8,STD	-	-	\$ -	\$ -	2	EA	\$ 164.08	\$ 328.16	\$ (328.16)
THREDOLET,36 > 3/8 X 1/4,3000#,STD	-	-	\$ -	\$ -	1	EA	\$ 4.33	\$ 4.33	\$ (4.33)
TRANSITION FTG,4X4,YELLOW,OR EQUAL	-	-	\$ -	\$ -	1	EA	\$ 50.10	\$ 50.10	\$ (50.10)
TRANSITION FTG,6X6,YELLOW,PE-2406	-	-	\$ -	\$ -	1	EA	\$ 144.25	\$ 144.25	\$ (144.25)
VALVE,BALL,PLA,4 INCH, FOR YELLOW PE PIPE	-	-	\$ -	\$ -	1	EA	\$ 196.54	\$ 196.54	\$ (196.54)
VALVE,BALL,8",CAMERON B5,322 WALL,300#	2	EA	\$ 5,531.00	\$ 11,062.00	-	-	\$ -	\$ -	\$ 11,062.00
VALVE,BALL,8,300A,WE,FP,DELTA TYPE 55	1	EA	\$ 5,345.62	\$ 5,345.62	-	-	\$ -	\$ -	\$ 5,345.62
VALVE,BALL,POLY,8",SDR 11.0,PE2406	-	-	\$ -	\$ -	4	EA	\$ 698.21	\$ 2,792.84	\$ (2,792.84)
WIRE,COPPER,#12 AWG,SOLID,TYPE HMWPE	50	FT	\$ 0.11	\$ 5.33	-	-	\$ -	\$ -	\$ 5.33
Material & Supplies Subtotal				\$ 72,261.83				\$ 82,932.88	\$ (10,671.05)
P/S Overhead @ 12.65% (Actual 4.99%)				\$ 3,607.83				\$ 10,491.01	\$ (6,883.18)
Material & Supplies Total				\$ 75,869.66				\$ 93,423.89	\$ (17,554.23)
Engineering	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Cadd Operator	125.94	H	\$ 68.00	\$ 8,564.18	-	-	\$ -	\$ -	\$ 8,564.18
Clerical	-	-	\$ -	\$ -	4	H	\$ 45.00	\$ 180.00	\$ (180.00)
Sr. CAD/Drafter	-	-	\$ -	\$ -	174.973	H	\$ 75.00	\$ 13,123.00	\$ (13,123.00)
Sr. Designer	85	H	\$ 82.00	\$ 6,970.00	100	H	\$ 82.00	\$ 8,200.00	\$ (1,230.00)
Sr. Project Manager	4	H	\$ 97.00	\$ 388.00	-	-	\$ -	\$ -	\$ 388.00
Principal	1	H	\$ 110.00	\$ 110.00	1	H	\$ 97.00	\$ 97.00	\$ 13.00
Engineering Subtotal				\$ 16,032.18				\$ 21,600.00	\$ (5,567.82)
Contract Labor	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Foreman	-	-	\$ -	\$ -	850	H	\$ 26.70	\$ 22,695.00	\$ (22,695.00)
Lead Laborer	-	-	\$ -	\$ -	850	H	\$ 16.15	\$ 13,727.50	\$ (13,727.50)
Laborer	-	-	\$ -	\$ -	1700	H	\$ 14.65	\$ 24,905.00	\$ (24,905.00)
Operator	-	-	\$ -	\$ -	850	H	\$ 24.87	\$ 21,139.50	\$ (21,139.50)
Truck Driver	-	-	\$ -	\$ -	850	H	\$ 15.25	\$ 12,962.50	\$ (12,962.50)
Welder	-	-	\$ -	\$ -	850	H	\$ 27.27	\$ 23,179.50	\$ (23,179.50)
IN 8 " STL. MAIN	3395	FT	\$ 39.00	\$ 132,405.00	-	-	\$ -	\$ -	\$ 132,405.00
Contract Labor Subtotal				\$ 132,405.00				\$ 118,609.00	\$ 13,796.00
Contract Equipment	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Crew Truck W/ Torch, Air Comp	-	-	\$ -	\$ -	850	H	\$ 37.40	\$ 31,790.00	\$ (31,790.00)
Misc. Tools and Water Pump	-	-	\$ -	\$ -	850	H	\$ 10.75	\$ 9,137.50	\$ (9,137.50)
Pick Up Truck (1/2 Ton)	-	-	\$ -	\$ -	850	H	\$ 7.00	\$ 5,950.00	\$ (5,950.00)
Rubber Tire Backhoe	-	-	\$ -	\$ -	850	H	\$ 20.00	\$ 17,000.00	\$ (17,000.00)
Welding Truck	-	-	\$ -	\$ -	850	H	\$ 14.30	\$ 12,155.00	\$ (12,155.00)
Boring Rig	-	-	\$ -	\$ -	850	H	\$ 38.00	\$ 32,300.00	\$ (32,300.00)
Dump Truck (12-14 YD)	-	-	\$ -	\$ -	850	H	\$ 28.00	\$ 23,800.00	\$ (23,800.00)
Contract Equipment Subtotal				\$ -				\$ 132,132.50	\$ (132,132.50)
Company Labor	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Union Labor-Straight time	16	HR	\$ 44.40	\$ 710.40	-	-	\$ -	\$ -	\$ 710.40
Union Labor-1 1/2 time	4	HR	\$ 57.63	\$ 230.52	-	-	\$ -	\$ -	\$ 230.52
Company Labor Subtotal				\$ 940.92				\$ -	\$ 940.92
Company Equipment	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Hou DivTrk/Trlr>1 Tn / Trucks > 1 Ton-Div A	20	HR	\$ 31.46	\$ 629.20	-	-	\$ -	\$ -	\$ 629.20
Hou Div Tractr w/Att / Tractor	96.180	HR	\$ 1.42	\$ 136.58	-	-	\$ -	\$ -	\$ 136.58
Hou Div Transp-Sm Tr / Trencher	16.450	HR	\$ 9.43	\$ 155.12	-	-	\$ -	\$ -	\$ 155.12
Company Equipment Subtotal				\$ 920.90				\$ -	\$ 920.90
Invoice Sub-Total	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
General Overhead @ 20.51% (Actual 25.14%)				\$ 224,306.84				\$ 365,765.39	\$ (141,458.55)
SEGMENT 2 Invoice Total				\$ 280,691.95				\$ 440,783.87	\$ (160,091.92)

Project Name:
Date:
Reimbursable Work Order#:

Segment 2 - Addition-PROP. 8" IP STL at FM 1463
5/14/2019
88209304

Material & Supplies	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
CAP,PLA,4,IPS,BUTT FUSION,YELLOW,PE-2406	2	EA	\$ 4.23	\$ 8.45	-	-	-	\$ -	\$ 8.45
CAP,WELD,8,STD	2	EA	\$ 42.21	\$ 84.42	-	-	-	\$ -	\$ 84.42
COUPLING,PLA,FUSAMATIC,4,CENTRAL	2	EA	\$ 10.56	\$ 21.12	-	-	-	\$ -	\$ 21.12
ELL,90,PLA,4,BUTT FUSION,SDR 11,YELLOW,P	2	EA	\$ 7.31	\$ 14.61	-	-	-	\$ -	\$ 14.61
ELL,90,WELD,8,STD,LR	4	EA	\$ 112.37	\$ 449.49	-	-	-	\$ -	\$ 449.49
MUELLER,H-17280,8,LINE STOPPER,BOTTOM OU	2	EA	\$ 1,994.65	\$ 3,989.29	-	-	-	\$ -	\$ 3,989.29
PIPE,PLA,4,IPS,YELLOW,SDR-11.5	130	FT	\$ 2.62	\$ 340.43	-	-	-	\$ -	\$ 340.43
PIPE,STL,FBC,8,,219W,ERW,19.66#/FT,X42	81	FT	\$ 20.42	\$ 1,654.12	-	-	-	\$ -	\$ 1,654.12
TEE,PUNCH,STL,1,IPS,1,OUTLET,CONTINENTAL	1	EA	\$ 35.07	\$ 35.07	-	-	-	\$ -	\$ 35.07
TEE,TAPPING,PLA,4"X1"CTS,SOCKET FUSION	1	EA	\$ 4.29	\$ 4.29	-	-	-	\$ -	\$ 4.29
TEE,TAPPING,PLA,4X2,FUSAMATIC,CENTRAL,#5	2	EA	\$ 44.04	\$ 88.08	-	-	-	\$ -	\$ 88.08
WIRE,COPPER,#14 AWG,SOLID,TYPE HMWPE	125	EA	\$ 0.07	\$ 9.19	-	-	-	\$ -	\$ 9.19
Material & Supplies Subtotal				\$ 6,698.56				\$ -	\$ 6,698.56
P/S Overhead (Actual 8.86%)				\$ 593.43				\$ -	\$ 593.43
Material & Supplies Total				\$ 7,291.99				\$ -	\$ 7,291.99
Contract Labor	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
4 PERSON SVR CREW & EQUIP.	77	H	\$ 175.31	\$ 13,498.87	-	-	-	\$ -	\$ 13,498.87
4 MAN SVR CREW & EQUIP OT	30	H	\$ 219.09	\$ 6,572.70	-	-	-	\$ -	\$ 6,572.70
WELDER	32	H	\$ 33.57	\$ 1,074.24	-	-	-	\$ -	\$ 1,074.24
WELDER - OT	20	H	\$ 50.36	\$ 1,007.20	-	-	-	\$ -	\$ 1,007.20
BORING 2" DIA.	10	FT	\$ 6.07	\$ 60.70	-	-	-	\$ -	\$ 60.70
Construction Svcs	1	LT	\$ 3,177.05	\$ 3,177.05	-	-	-	\$ -	\$ 3,177.05
Contract Labor Subtotal				\$ 25,390.76				\$ -	\$ 25,390.76
Contract Equipment	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
BACKHOE,580 CASE	47	H	\$ 26.84	\$ 1,261.48	-	-	-	\$ -	\$ 1,261.48
BACKHOE,W/HYDRO HAMMER	10	H	\$ 41.97	\$ 419.70	-	-	-	\$ -	\$ 419.70
RIG,WELDING,MOBILE	52	H	\$ 30.45	\$ 1,583.40	-	-	-	\$ -	\$ 1,583.40
TRACKHOE 22'	35	H	\$ 45.68	\$ 1,598.80	-	-	-	\$ -	\$ 1,598.80
Contract Equipment Subtotal				\$ 4,863.38				\$ -	\$ 4,863.38
Company Labor	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Union Labor-Straight time	8	HR	\$ 42.61	\$ 340.88	-	-	-	\$ -	\$ 340.88
Union Labor-1 1/2 time	4	HR	\$ 55.57	\$ 222.28	-	-	-	\$ -	\$ 222.28
Company Labor Subtotal				\$ 563.16				\$ -	\$ 563.16
Company Equipment	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
Hou DivTrk/Trlr>1 Tn / Trucks > 1 Ton-Div A	12	HR	\$ 28.42	\$ 341.04	-	-	-	\$ -	\$ 341.04
Hou Div Tractr w/Att / Tractor	40.630	HR	\$ 1.29	\$ 52.41	-	-	-	\$ -	\$ 52.41
Hou Div Transp-Sm Tr / Trencher	19.820	HR	\$ 5.41	\$ 107.23	-	-	-	\$ -	\$ 107.23
Company Equipment Subtotal				\$ 500.68				\$ -	\$ 500.68
Invoice Sub-Total	Actual				Estimate				Variance
	Amount	Units	Unit Cost	Total Cost	Amount	Unit	Unit Cost	Total Cost	
General Overhead (Actual 21.84%)				\$ 8,430.87				\$ -	\$ 8,430.87
SEGMENT 2 - Addition - Invoice Total				\$ 47,040.84				\$ -	\$ 47,040.84

Svatek, Donna

From: Slawinski, Stacy
Sent: Friday, November 15, 2019 2:56 PM
To: Svatek, Donna
Cc: ENGINvoices
Subject: RE: FM 1093 Westpark Extension - Centerpoint Gas Lines Relocation Invoice

I approve this invoice. Since the invoice is associated with an agreement, I don't believe it requires Court approval...but check with Jillian to be sure.

Thanks,

Stacy Slawinski

stacy.slawinski@fortbendcountytexas.gov

281-633-7508 office

From: Svatek, Donna
Sent: Friday, November 15, 2019 1:36 PM
To: Slawinski, Stacy <Stacy.Slawinski@fortbendcountytexas.gov>
Cc: ENGINvoices <ENGINvoices@fortbendcountytexas.gov>
Subject: FW: FM 1093 Westpark Extension - Centerpoint Gas Lines Relocation Invoice

1. Will you be the one to review and approve the attached invoice for FM 1093?
2. Also, will the attached invoice need to appear on the CC agenda?

Thank you

Donna Svatek

Fort Bend County Engineering

281-633-7504

From: Peterson, Jillian <Jillian.Peterson@fortbendcountytexas.gov>
Sent: Wednesday, November 13, 2019 2:41 PM
To: ENGINvoices <ENGINvoices@fortbendcountytexas.gov>
Subject: FW: FM 1093 Westpark Extension - Centerpoint Gas Lines Relocation Invoice

Thank you,

Jillian Peterson
Special Projects Coordinator – Administration
Fort Bend County Engineering
281.633.7507

From: Michael Kaspar <Michael.Kaspar@dannenbaum.com>
Sent: Tuesday, November 12, 2019 9:37 PM
To: Peterson, Jillian <Jillian.Peterson@fortbendcountytexas.gov>
Subject: FW: FM 1093 Westpark Extension - Centerpoint Gas Lines Relocation Invoice