
Subject:

FW: Tunnel Pricing WC-0873

From: Shaun McConnaughey <smcconnaughey@olsson.com>

Sent: Tuesday, July 23, 2024 1:29 PM

To: Mishler, Andrew S <andrew.mishler@okc.gov>; Hare, John L <larry.hare@okc.gov>

Cc: Taylor Medlin <taylor@mckeeutility.com>; 016-1974 <016-1974@olssonassociates.com>

Subject: RE: Tunnel Pricing

Andrew/ Larry:

Attached is the request we have been discussing over the past couple of months. There is a change order addition to cover the remobilization costs and materials for going back to complete the roadway crossings. Along with an amendment to alter the four roadway crossings with limited detour routes and removing the asphalt paving line item since the County will now be completing this work. Included are the cost breakdowns shown for the remobilization and a separate document for the hand-mined tunnel bore costs.

Please let Olsson or McKee know if you have any questions regarding this request.



Date: October 10th, 2024 Work Authorization Number: _____
Project Name: WC-0873 - Atoka Pipeline - Stonewall to Ada
Location: Stonewall, OK

Owner: OCWUT
Engineer: OLSSON
Contractor: MCKEE UTILITY CONTRACTORS, INC.

Owner's Tracking Number: WC-0873
Engineer's Tracking Number: _____
Contractor's Tracking Number: 2209

Description of Work:

Pricing to convert the open cut roadways (CR 1600, CR 1560, CR 3619, and CR 3610) into hand mined tunnels for a total of 390 LF.

Labor Costs

Description	Weeks	Week Rate	Subtotal	N/A	N/A	Subtotal	Subsistence	Burden	Subtotal
Operations Manager	0.0	\$3,500.00	\$0.00				\$0.00	\$0.00	\$0.00
Superintendent	0.0	\$5,000.00	\$0.00				\$0.00	\$0.00	\$0.00
Project Manager	0.0	\$2,500.00	\$0.00				\$0.00	\$0.00	\$0.00
Project Engineer	0.0	\$2,500.00	\$0.00				\$0.00	\$0.00	\$0.00
Description	RG Hours	RG Rate/Hr	Subtotal	OT Hours	OT Rate/Hour	Subtotal	Subsistence	Burden	Subtotal
Payroll Administrator	0.0	\$20.00	\$0.00	0.0	\$30.00	\$0.00	\$0.00	\$0.00	\$0.00
Foreman	0.0	\$45.00	\$0.00	0.0	\$67.50	\$0.00	\$0.00	\$0.00	\$0.00
Main Line Excavator Operator	0.0	\$40.00	\$0.00	0.0	\$60.00	\$0.00	\$0.00	\$0.00	\$0.00
Support Excavator Operator	0.0	\$35.00	\$0.00	0.0	\$52.50	\$0.00	\$0.00	\$0.00	\$0.00
Loader Operator	0.0	\$30.00	\$0.00	0.0	\$45.00	\$0.00	\$0.00	\$0.00	\$0.00
Pipe Layer	0.0	\$26.00	\$0.00	0.0	\$39.00	\$0.00	\$0.00	\$0.00	\$0.00
Top Man	0.0	\$30.00	\$0.00	0.0	\$45.00	\$0.00	\$0.00	\$0.00	\$0.00
Laborer	0.0	\$25.00	\$0.00	0.0	\$37.50	\$0.00	\$0.00	\$0.00	\$0.00
Pipe layer helper	0.0	\$22.00	\$0.00	0.0	\$33.00	\$0.00	\$0.00	\$0.00	\$0.00
Mechanic & Truck	0.0	\$125.00	\$0.00	0.0	\$187.50	\$0.00	\$0.00	\$0.00	\$0.00
Fuel/Lub Man	0.0	\$25.00	\$0.00	0.0	\$37.50	\$0.00	\$0.00	\$0.00	\$0.00
CDL Truck Driver	0.0	\$35.00	\$0.00	0.0	\$52.50	\$0.00	\$0.00	\$0.00	\$0.00
Labor Costs Subtotal									\$0.00

Equipment Costs

Description	Hours	Rate/Hour	Total
KOM-PC490LC	0.0	\$222.43	\$0.00
CAT-345D L	0.0	\$177.26	\$0.00
CAT-730 Articulated Truck	0.0	\$110.31	\$0.00
CAT-950m Loader	0.0	\$85.21	\$0.00
CAT-390 EX	0.0	\$310.43	\$0.00
Shoring (Month)	0.0	\$3,300.00	\$0.00
Super - Truck (1)	0.0	\$16.84	\$0.00
Shoring (2)	0.0	\$20.00	\$0.00
Light Plant (4)	0.0	\$15.00	\$0.00
Sweeper	0.0	\$15.00	\$0.00
Dodge Ram 3500	0.0	\$26.52	\$0.00
Gooseneck Trailer	0.0	\$13.60	\$0.00
Fuel Truck	0.0	\$27.24	\$0.00
Steel Trench Plates (8) 52,004#	0.0	\$8.00	\$0.00
Compressor 195 CFM	0.0	\$8.35	\$0.00
Water Truck	0.0	\$34.95	\$0.00
CAT-490 EX (Stand-by)	0.0	\$79.99	\$0.00
KOM - PC490LC (Stand-by)	0.0	\$61.77	\$0.00
CAT-950M Loader (Stand-by)	0.0	\$27.55	\$0.00
Water Truck (Stand-by)	0.0	\$7.04	\$0.00
CAT-D6 Dozer	0.0	\$134.99	\$0.00
CP-44 Compactor	0.0	\$55.17	\$0.00
Bedding Box	0.0	\$10.00	\$0.00
KOM - PC138	0.0	\$72.27	\$0.00
CAT- 289 Skid Steer	0.0	\$42.23	\$0.00
Equipment Cost Subtotal			\$0.00

Change Order Items:

Quantity	Description	Unit cost	Amount
266	LF of 96" Casing Pipe (.874 Wall)	\$ 1,220.00	\$324,520.00
1	Tunnel Subcontractor Remobilization	\$ 55,000.00	\$55,000.00
390	Credit for Hand Mined Tunnel Means	\$ (1,034.00)	(\$403,260.00)
5	Additional 72" Dia Butt Straps and Welding	\$ 5,150.00	\$25,750.00
2	Additional Contract Trucking Subcontractor Costs	\$ 18,500.00	\$37,000.00
1	Additional Bonds (1%)	\$ 26,073.10	\$26,073.10
Change Order Cost Subtotal			\$65,083.10

Amendment Items

Quantity	Description	Unit cost	Amount
390	01-05 - 72-Inch Water Line by Tunnel	\$ 5,750.00	\$2,242,500.00
6	01-04 - Work Pits	\$ 75,000.00	\$450,000.00
651	01-34 - Remove and Replace Asphalt Pavement	\$ (50.00)	(\$32,550.00)
390	01-03 - 72-Inch Water Line by Open Cut	\$ (235.00)	(\$91,650.00)
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
		\$ -	\$0.00
Subtotal			\$2,568,300.00

Miscellaneous Costs

Description	% of Labor Subtotal	Subtotal
Small Tools and Supplies	3%	\$0.00
Safety Supplies	3%	\$0.00
Traffic Signs & Barricades	3%	\$0.00
Miscellaneous Costs Subtotal		\$0.00

Extra Work Cost Summary

Change Order Costs Total	\$65,083.10
Miscellaneous Costs	\$0.00
15% - O&P	\$9,762.47
Total Change Order	\$74,845.57
Amendment Item Costs	\$2,568,300.00
Subtotal PC	\$2,568,300.00
Current Contract Value	\$27,771,935.00
New Contract Value	\$30,415,080.57

Contract Duration Extension

Contract Extension (days) resulting from extra work performed 140