

 <p>CITY OF ST. CHARLES ILLINOIS • 1834</p>	AGENDA ITEM EXECUTIVE SUMMARY		Agenda Item number: 5.F
	Title:	Recommendation to approve a Resolution to Award Directional Boring Services to York Utility Services and Archon Construction for a one-year period beginning May 1, 2023 through April 30, 2024	
	Presenter:	Paul Hopkins	
Meeting: Government Services Committee		Date: March 20, 2023	
Proposed Cost: \$ 400,000.00		Budgeted Amount: \$ 400,000.00	Not Budgeted: <input type="checkbox"/>
TIF District: None			
Executive Summary (if not budgeted, please explain):			
<p>Directional Boring and other associated work was issued for bid Public Works, and five (5) bids were received on March 10, 2022 from contractors qualified and engaged in underground directional boring. Bids were offered based on unit prices for components of work that may or may not apply to any individual boring project. Two of the bids were extremely close with small differences depending on the actual items required by any boring project, and evaluation of what actual items have been utilized in the last two fiscal years illustrates that some bid items are high volume units while others are low volume.</p> <p>Based on satisfactory performance in year one of the contract, Staff's recommendation is to award second year extension for directional boring services to the two lowest bidders and utilize task order pricing for each required project or service to utilize the most beneficial price and delivery schedule. Directional boring work is frequently required by underground cable faults or damage and having additional options to have the work performed quickly will benefit the City's Electric Utility's operation.</p> <p>Bid proposals also included an option for third year contract extension which will be evaluated based on performance and costs each of the previous contract years.</p>			
Attachments (please list):			
*Bid Pricing for Archon Construction and York Utility Services			
Recommendation/Suggested Action (briefly explain):			
Recommendation to approve a Resolution to award Directional Boring Services to York Utility Services and Archon Construction Company utilizing Task Order Pricing for a period of one year beginning May 1, 2023 through April 30, 2024.			

Electric Utility Contracting - Directional Boring EL2022-12

	Archon Constructions Co., Inc.
Hand dig pit for installation of elobws	\$ 425.00
Hand dig pit for installation of elobws w/ restoration	\$ 620.00
Machine dig pit for installation of elbows	\$ 610.00
Machine dig pit w/ restoration	\$ 885.00
Directional bore a 1-¼" poly pipe and install mule tape	\$ 14.75
Directional bore a 3" poly pipe and install mule tape	\$ 16.05
Directional bore a 4" poly pipe and install mule tape,	\$ 17.45
Directional bore a 5" poly pipe and install mule tape	\$ 19.20
Directional bore a 6" poly pipe, and install mule tape	\$ 29.90
Stub 3" galvanized rigid steel or fiberglass 90° degree elbow	\$ 115.00
Stub 5" galvanized rigid steel or fiberglass 90° degree elbow	\$ 135.00
Flagger cost per hour	\$ 120.00
Core drill a 3" to 6" diameter hole(s) into a manhole or splice box	\$ 905.00
Core drill a 3" to 6" diameter hole(s) into a manhole or splice box w/ restoration	\$ 1,315.00
Installation of standard switchgear box pad foundation	\$ 1,830.00
Installation of standard switchgear box pad foundation w/ landscape restoration	\$ 2,730.00
Installation of splice box	\$ 1,330.00
Installation of splice box w/ landscape restoration	\$ 2,230.00
Sand	\$ 47.50
CA-6 Stone	\$ 32.50
Pea Gravel	\$ 47.50
Removal of debris	\$ 106.30
Cost added for rock augering	\$ 56.30
Saw cutting of asphalt or concrete for splice pit	\$ 800.00
Saw cutting of asphalt or concrete for splice pit w/ asphalt or concrete restoration	\$ 1,340.00
Increase for year 2	5%
Increase for year 3	5%

As Read Bid Results

Year 2	York Utility Services	Year 2
\$ 446.25	\$ 400.00	\$ 414.00
\$ 651.00	\$ 750.00	\$ 776.25
\$ 640.50	\$ 550.00	\$ 569.25
\$ 929.25	\$ 900.00	\$ 931.50
\$ 15.49	\$ 15.50	\$ 16.04
\$ 16.85	\$ 17.00	\$ 17.60
\$ 18.32	\$ 18.00	\$ 18.63
\$ 20.16	\$ 18.50	\$ 19.15
\$ 31.40	\$ 37.50	\$ 38.81
\$ 120.75	\$ 125.00	\$ 129.38
\$ 141.75	\$ 135.00	\$ 139.73
\$ 126.00	\$ 112.00	\$ 115.92
\$ 950.25	\$ 500.00	\$ 517.50
\$ 1,380.75	\$ 750.00	\$ 776.25
\$ 1,921.50	\$ 2,200.00	\$ 2,277.00
\$ 2,866.50	\$ 2,600.00	\$ 2,691.00
\$ 1,396.50	\$ 1,400.00	\$ 1,449.00
\$ 2,341.50	\$ 2,200.00	\$ 2,277.00
\$ 49.88	\$ 50.00	\$ 51.75
\$ 34.13	\$ 50.00	\$ 51.75
\$ 49.88	\$ 50.00	\$ 51.75
\$ 111.62	\$ 122.00	\$ 126.27
\$ 59.12	\$ 47.50	\$ 49.16
\$ 840.00	\$ 750.00	\$ 776.25
\$ 1,407.00	\$ 1,500.00	\$ 1,552.50

	3.5%
	5%

Electric Utility Contracting - Directional Boring EL2022-12

	Archon Constructio ns Co., Inc.	Bongi construction corp	Electric Conduit Construction	Valor Underground Construction, LLC	York Utility Services
Hand dig pit for installation of elobws	\$ 425.00	\$ 1,250.00	\$ 806.48	\$ 1,250.00	\$ 400.00
Hand dig pit for installation of elobws w/ restoration	\$ 620.00	\$ 1,750.00	\$ 983.58	\$ 1,400.00	\$ 750.00
Machine dig pit for installation of elbows	\$ 610.00	\$ 1,250.00	\$ 576.30	\$ 875.00	\$ 550.00
Machine dig pit w/ restoration	\$ 885.00	\$ 1,750.00	\$ 753.40	\$ 1,025.00	\$ 900.00
Directional bore a 1-3/4" poly pipe and install mule tape	\$ 14.75	\$ 14.75	\$ 14.61	\$ 14.25	\$ 15.50
Directional bore a 3" poly pipe and install mule tape	\$ 16.05	\$ 18.75	\$ 19.53	\$ 17.50	\$ 17.00
Directional bore a 4" poly pipe and install mule tape,	\$ 17.45	\$ 19.75	\$ 23.49	\$ 20.00	\$ 18.00
Directional bore a 5" poly pipe and install mule tape	\$ 19.20	\$ 22.75	\$ 40.84	\$ 22.00	\$ 18.50
Directional bore a 6" poly pipe, and install mule tape	\$ 29.90	\$ 24.75	\$ 48.83	\$ 32.00	\$ 37.50
Stub 3" galvanized rigid steel or fiberglass 90°degree elbow	\$ 115.00	\$ 250.00	\$ 78.44	\$ 125.00	\$ 125.00
Stub 5" galvanized rigid steel or fiberglass 90°degree elbow	\$ 135.00	\$ 350.00	\$ 104.17	\$ 175.00	\$ 135.00
Flagger cost per hour	\$ 120.00	\$ 150.00	\$ 123.05	\$ 114.50	\$ 112.00
Core drill a 3" to 6" diameter hole(s) into a manhole or splice box	\$ 905.00	\$ 2,750.00	\$ 662.83	\$ 1,100.00	\$ 500.00
Core drill a 3" to 6" diameter hole(s) into a manhole or splice box w/ restoration	\$ 1,315.00	\$ 3,250.00	\$ 3,162.83	\$ 1,300.00	\$ 750.00
Installation of standard switchgear box pad foundation	\$ 1,830.00	\$ 4,250.00	\$ 2,614.03	\$ 1,750.00	\$ 2,200.00
Installation of standard switchgear box pad foundation w/ landscape restoration	\$ 2,730.00	\$ 4,950.00	\$ 3,322.43	\$ 2,000.00	\$ 2,600.00
Installation of splice box	\$ 1,330.00	\$ 1,500.00	\$ 2,320.60	\$ 2,250.00	\$ 1,400.00
Installation of splice box w/ landscape restoration	\$ 2,230.00	\$ 1,950.00	\$ 2,851.90	\$ 2,500.00	\$ 2,200.00
Sand	\$ 47.50	\$ 49.00	\$ 181.59	\$ 22.50	\$ 50.00
CA-6 Stone	\$ 32.50	\$ 49.00	\$ 183.51	\$ 55.00	\$ 50.00
Pea Gravel	\$ 47.50	\$ 49.00	\$ 186.81	\$ 55.00	\$ 50.00
Removal of debris	\$ 106.30	\$ 50.00	\$ 365.33	\$ 125.00	\$ 122.00
Cost added for rock augering	\$ 56.30	\$ 100.00	\$ 170.76	\$ 60.00	\$ 47.50
Saw cutting of asphalt or concrete for splice pit	\$ 800.00	\$ 500.00	\$ 692.24	\$ 1,300.00	\$ 750.00
Saw cutting of asphalt or concrete for splice pit w/ asphalt or concrete restoration	\$ 1,340.00	\$ 4,500.00	\$ 3,001.06	\$ 3,500.00	\$ 1,500.00
Increase for year 2	5%	3.5%	4%	4%	3.5%
Increase for year 3	5%	3.5%	4%	4%	5%

As Read Bid Results