

COUNCIL ACTION FORM

SUBJECT: ELECTRIC SERVICES UNDERGROUND TRENCHING CONTRACT

BACKGROUND:

On January 22, 2013, City Council approved preliminary plans and specifications for the Electric Services Underground Trenching Contract. This contract consists of a contractor furnishing all equipment, tools, labor, and materials not supplied by Electric Services for excavating, trenching, directional-boring and backfilling for installation of conduits, ground sleeves, box pads, vaults, handholes, and other appurtenances. This consists of emergency service, as well as regularly planned repairs and services.

This contract is to provide underground trenching services for the period from March 2013 (or after final City Council approval of contract and performance bond) through December 31, 2013. This will enable this and future renewals to coincide with the calendar year. The contract includes a provision that would allow the City to renew the contract for up to four additional one-year terms.

Bid documents were issued to seventeen potential bidders. The bid was advertised on the Current Bid Opportunities section of the Purchasing webpage and a Legal Notice was published in the Ames Tribune. The bid was also sent to two plan rooms.

On February 14, 2013, two bids were received as shown on the attached report. Electric Services staff reviewed the bids and determined that, based on the summation of all the typical services, the bid submitted by Ames Trenching & Excavating is the lowest bid.

Council should note that the bidding document included a provision that *“this contract may be awarded to multiple contractors. The primary contractor will be given a majority of the available work. Should the primary contractor be unable to meet an individual project’s completion schedule as established by the Owner, the individual project may be issued to a back-up contractor to complete.”*

As a result, staff determined that it would be in the utility’s best interest to award 70% or \$136,500 of \$195,000 to Ames Trenching & Excavating, Ames, Iowa, and to designate that firm as the primary contractor for these services. The balance of 30%, or \$58,500 of \$195,000, would be awarded to Communication Technologies, LLC., Des Moines, IA, and that firm would be designated as the back-up contractor. The back-up contractor will only be utilized if the primary is busy and cannot meet a required project deadline.

The approved FY 2012/13 operating budget for Underground System Improvements contains \$935,000. Trenching and excavation services are

included in this amount. The trenching and excavation services covered by this contract would also be used for the relocation of Electric Services facilities to clear sites for Public Works roadway improvement projects. Funds have been designated in various CIP projects for those relocation activities.

ALTERNATIVES:

1. a. Award the **primary contract** for the 2013 Underground Trenching Contract for Electric Services to Ames Trenching & Excavating, Ames, IA, for hourly rates and unit prices bid, in an amount not-to-exceed \$136,500.
- b. Award the **back-up contract** for the 2013 Underground Trenching Contract for Electric Services to Communication Technologies, Des Moines, IA, for hourly rates and unit prices bid, in an amount not-to-exceed \$58,500.

Each contract includes a provision that would allow the City to renew the contract for up to four additional one-year terms at stated rates.

2. Reject all bids and purchase underground trenching services on an as-needed basis.

MANAGER'S RECOMMENDED ACTION:

These services are necessary to provide trenching and excavation for new construction, maintenance, and emergency repair activities for Electric Services. This contract will establish rates for service and provide for guaranteed availability, thereby setting in place known rates for service and helping to control costs.

Having two contractors under bid allows the City to assign work to the secondary contractor if the primary contractor is busy and is unable to meet required project deadlines. This should reduce delays to project schedules.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as stated above.



IFB 2013-086 Underground Trenching Contract for Electric Services Bid Summary

Bidder:		Ames Trenching & Excavating, Inc., Ames, IA				Communication Technologies, LLC., Des Moines IA			
Description	Est. # Units	Labor	Materials	Labor & Materials	Extended Price	Labor	Materials	Labor & Materials	Extended Price
Trenching - Normal Depth	2000	\$10.00		\$10.00	\$20,000.00	\$4.00	\$0.25	\$4.25	\$8,500.00
Trenching - Extra Depth	400	\$12.00		\$12.00	\$4,800.00	\$5.25		\$5.25	\$2,100.00
Trenching -Shallow Depth	250	\$7.00		\$7.00	\$1,750.00	\$3.00	\$0.25	\$3.25	\$812.50
Install 1" Flex Duct in Trench	250	\$1.00		\$1.00	\$250.00	\$0.50		\$0.50	\$125.00
Install 2" PVC Duct in Trench	2000	\$1.50		\$1.50	\$3,000.00	\$0.50		\$0.50	\$1,000.00
Install 4" PVC Duct in Trench	1000	\$2.00		\$2.00	\$2,000.00	\$1.00		\$1.00	\$1,000.00
Install 6" PVC Duct in Trench	400	\$3.00		\$3.00	\$1,200.00	\$1.50		\$1.50	\$600.00
Concrete Encasement of Duct	500	\$30.00		\$30.00	\$15,000.00	\$75.00	\$150.00	\$225.00	\$112,500.00
Directional Bore 2" Flex Duct	1000	\$15.00		\$15.00	\$15,000.00	\$8.50		\$8.50	\$8,500.00
Directional Bore 4" Flex Duct	1000	\$25.00		\$25.00	\$25,000.00	\$12.00		\$12.00	\$12,000.00
Directional Bore 6" Flex Duct	1000	\$40.00		\$40.00	\$40,000.00	\$13.50		\$13.50	\$13,500.00
Install Small Enclosure	20	\$225.00		\$225.00	\$4,500.00	\$200.00	\$25.00	\$225.00	\$4,500.00
Install Medium Enclosure	8	\$250.00		\$250.00	\$2,000.00	\$250.00	\$25.00	\$275.00	\$2,200.00
Install Large Enclosure	4	\$300.00		\$300.00	\$1,200.00	\$325.00	\$50.00	\$375.00	\$1,500.00
Install Enclosure w/ Above Grade Lid	20	\$225.00		\$225.00	\$4,500.00	\$425.00	\$50.00	\$475.00	\$9,500.00
Install Switchgear Boxpad	6	\$700.00		\$700.00	\$4,200.00	\$825.00	\$50.00	\$875.00	\$5,250.00
Install 1-ph Primary Enclosure	6	\$350.00		\$350.00	\$2,100.00	\$400.00	\$75.00	\$475.00	\$2,850.00
Install 3-ph Primary Enclosure	12	\$360.00		\$360.00	\$4,320.00	\$475.00	\$50.00	\$525.00	\$6,300.00
Install 1-ph FG Transformer Pad	20	\$350.00		\$350.00	\$7,000.00	\$400.00	\$50.00	\$450.00	\$9,000.00
Install 3-ph Conc Pad (6'x6')	6	\$3,500.00		\$3,500.00	\$21,000.00	\$2,000.00	\$495.00	\$2,495.00	\$14,970.00
Install 3-ph Conc Pad (9'x9')	2	\$4,500.00		\$4,500.00	\$9,000.00	\$3,000.00	\$795.00	\$3,795.00	\$7,590.00
Concrete Removal (Cu Yd)	25	\$70.00		\$70.00	\$1,750.00	\$275.00		\$275.00	\$6,875.00
Concrete Installation (Cu Yd)	25	\$200.00		\$200.00	\$5,000.00	\$365.00	\$150.00	\$515.00	\$12,875.00
Bollard Installation	8	\$400.00		\$400.00	\$3,200.00	\$300.00	\$75.00	\$375.00	\$3,000.00
Pothole for Buried Utilities	100	\$150.00		\$150.00	\$15,000.00	\$9.00	\$1.00	\$10.00	\$1,000.00
Grass Seed and 1 Watering	20	\$200.00		\$200.00	\$4,000.00	\$165.00		\$165.00	\$3,300.00
OVERALL PRICE:		\$216,770.00				\$251,347.50			
MATERIALS:		Cost plus 20%				Cost plus 20%			
MISC. RATES:									
SUBSISTENCE:		\$ 0 per day				\$ 0 per day			
TRAVEL:		\$ 0 per day				\$ 0 per day			
MILEAGE:		\$ 0 per day				\$ 0 per day			
PROMPT PAYMENT DISCOUNT::		0%				0%			
PROPOSED PRICE INCREASES FOR RENEWAL PERIODS:									
LABOR RATES:		5% per year				3% per year			
EQUIPMENT & TOOLS:		5% per year				3% per year			
EQUIPMENT & TOOLS:									

EQUIPMENT & TOOLS:		Description		Per Hour	Per Day	Description		Per Hour
		580 Backhoe		\$100.00	\$800.00	Supervisor		\$65.00
		Mini Excavator		\$100.00	\$800.00	Equipment Operator		\$55.00
		Mustang 2054		\$95.00	\$760.00	Aerial Lineman		\$55.00
		Vactron		\$145.00	\$1,160.00	Laborer		\$45.00
		CX210 Trackhoe		\$147.00	\$1,176.00	Flag Person		\$35.00
		950D Cat Endloader		\$147.00	\$1,176.00	Truck Driver		\$35.00
		Tandem Dump truck		\$95.00	\$760.00	1-Ton Truck		\$25.00
		Shoring Box		\$100.00	\$800.00	2 Ton Truck with Dump		\$30.00
		Hoe Tamper		\$125.00	\$1,000.00	Bucket Truck		\$45.00
		Hoe Breaker		\$120.00	\$1,000.00	Case Backhoe		\$65.00
		Skid Loader		\$120.00	\$960.00	Tractor with Box Blade		\$35.00
		Labor		\$45.00	\$360.00	Trench Compactor		\$30.00
						SE130 Samsung Track.		\$95.00
						65 HP Rubber Tire		\$50.00
						600 Vermeer Trencher		\$60.00
						Cat D-3 Dozer		\$75.00
						Road Bore Rig (small)		\$75.00
						Road Bore Rig (medium)		\$100.00
						Road Bore Rig (large)		\$125.00
						Air Compressor		\$25.00
						Water Pump		\$15.00
						Generator		\$20.00
						Jackhammer		\$20.00
						Reel Trailer		\$20.00
						Equipment Trailer		\$25.00
						Concrete Saw		\$25.00
						Sod Cutter		\$30.00
						Tandem Haul Truck		\$75.00
						Hydro Seeder (seed not in)		\$50.00
						Hydrovac		\$65.00
						Cable Pulling Equip.		\$50.00

Bidder:	Ames Trenching & Excavating, Inc., Ames, IA	Communication Technologies, LLC., Des Moines IA
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