

COUNCIL ACTION FORM

**SUBJECT: ELECTRIC SERVICES UNDERGROUND TRENCHING CONTRACT
RENEWAL**

BACKGROUND:

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.

On February 26, 2013, City Council awarded (1) 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; and (2) the **secondary 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 has an option for the City to renew in one-year increments for up to four additional years. This option includes a rate provision which increases rates at fixed percentages above the previous fiscal year contracted rates at time of renewal. **The fixed rates for 2014 include labor, equipment and tools increases of 5% for Ames Trenching & Excavating, Inc. and 3% for Communication Technologies, LLC. These increases are in accordance with the contract terms initially established.** Council should note that is the first out of four possible renewals.

The approved FY 2013/14 operating budget for Underground System Improvements contains \$1,152,400. 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. Approve the **primary contract** renewal with Ames Trenching & Excavating, Ames, IA, for Underground Trenching Contract for Electric Services, for the one-year period from January 1, 2014, through December 31, 2014, and approve the contract and bond. Work will be scheduled on an as needed basis and payments will be based on for hourly rates and unit prices bid on actual

work performed. Total work in 2014 shall be an amount not to exceed \$136,500.

- b. Approve the **secondary contract** renewal with Communication Technologies, Des Moines, IA, for Underground Trenching Contract for Electric Services, for the one-year period from January 1, 2014, through December 31, 2014, and approve the contract and bond. Work will be scheduled on an as needed basis and payments will be based on for hourly rates and unit prices bid on actual work performed. Total work in 2014 shall be an amount not to exceed \$58,500.
2. Do not renew the agreements and instruct staff to seek new competitive bids, and to purchase underground trenching services in the meantime 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. These contracts 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 2014 Rates**

Bidder:		Ames Trenching & Excavating, Inc., Ames, IA			
Description	Est. # Units	Labor	Materials	Labor & Materials	Extended Price
Trenching - Normal Depth	2000	\$10.50		\$10.50	\$21,000.00
Trenching - Extra Depth	400	\$12.60		\$12.60	\$5,040.00
Trenching -Shallow Depth	250	\$7.35		\$7.35	\$1,837.50
Install 1" Flex Duct in Trench	250	\$1.05		\$1.05	\$262.50
Install 2" PVC Duct in Trench	2000	\$1.58		\$1.58	\$3,160.00
Install 4" PVC Duct in Trench	1000	\$2.10		\$2.10	\$2,100.00
Install 6" PVC Duct in Trench	400	\$3.15		\$3.15	\$1,260.00
Concrete Encasement of Duct	500	\$31.50		\$31.50	\$15,750.00
Directional Bore 2" Flex Duct	1000	\$15.75		\$15.75	\$15,750.00
Directional Bore 4" Flex Duct	1000	\$26.25		\$26.25	\$26,250.00
Directional Bore 6" Flex Duct	1000	\$42.00		\$42.00	\$42,000.00
Install Small Enclosure	20	\$236.25		\$236.25	\$4,725.00
Install Medium Enclosure	8	\$262.50		\$262.50	\$2,100.00
Install Large Enclosure	4	\$315.00		\$315.00	\$1,260.00
Install Enclosure w/ Above Grade Lid	20	\$236.25		\$236.25	\$4,725.00
Install Switchgear Boxpad	6	\$735.00		\$735.00	\$4,410.00
Install 1-ph Primary Enclosure	6	\$367.50		\$367.50	\$2,205.00
Install 3-ph Primary Enclosure	12	\$378.00		\$378.00	\$4,536.00
Install 1-ph FG Transformer Pad	20	\$367.50		\$367.50	\$7,350.00
Install 3-ph Conc Pad (6'x6')	6	\$3,675.00		\$3,675.00	\$22,050.00
Install 3-ph Conc Pad (9'x9')	2	\$4,725.00		\$4,725.00	\$9,450.00
Concrete Removal (Cu Yd)	25	\$73.50		\$73.50	\$1,837.50
Concrete Installation (Cu Yd)	25	\$210.00		\$210.00	\$5,250.00
Bollard Installation	8	\$420.00		\$420.00	\$3,360.00
Pothole for Buried Utilities	100	\$157.50		\$157.50	\$15,750.00
Grass Seed and 1 Watering	20	\$210.00		\$210.00	\$4,200.00

OVERALL PRICE: \$227,618.50

MATERIALS: Cost plus 20%

MISC. RATES:

SUBSISTENCE: \$ 0 per day

TRAVEL: \$ 0 per day

MILEAGE: \$ 0 per day

PROMPT PAYMENT DISCOUNT:: 0%

PROPOSED PRICE INCREASES FOR RENEWAL PERIODS:

LABOR RATES: 5% per year

EQUIPMENT & TOOLS: 5% per year

EQUIPMENT & TOOLS:

Description	Per Hour	Per Day
580 Backhoe	\$105.00	\$840.00
Mini Excavator	\$105.00	\$840.00
Mustang 2054	\$99.75	\$798.00
Vactron	\$152.25	\$1,218.00
CX210 Trackhoe	\$154.35	\$1,234.80
950D Cat Endloader	\$154.35	\$1,234.80
Tandem Dump truck	\$99.75	\$798.00
Shoring Box	\$105.00	\$840.00
Hoe Tamper	\$131.25	\$1,050.00
Hoe Breaker	\$126.00	\$1,050.00
Skid Loader	\$126.00	\$1,008.00
Labor	\$47.25	\$378.00



**IFB 2013-086 Underground Trenching
Contract for Electric Services 2014 Rates**

Bidder:		Communication Technologies, LLC., Des Moines IA			
Description	Est. # Units	Labor	Materials	Labor & Materials	Extended Price
Trenching - Normal Depth	2000	\$4.12	\$0.26	\$4.38	\$8,760.00
Trenching - Extra Depth	400	\$5.41		\$5.41	\$2,164.00
Trenching -Shallow Depth	250	\$3.09	\$0.26	\$3.35	\$837.50
Install 1" Flex Duct in Trench	250	\$0.52		\$0.52	\$130.00
Install 2" PVC Duct in Trench	2000	\$0.52		\$0.52	\$1,040.00
Install 4" PVC Duct in Trench	1000	\$1.03		\$1.03	\$1,030.00
Install 6" PVC Duct in Trench	400	\$1.55		\$1.55	\$620.00
Concrete Encasement of Duct	500	\$77.25	\$154.50	\$231.75	\$115,875.00
Directional Bore 2" Flex Duct	1000	\$8.76		\$8.76	\$8,760.00
Directional Bore 4" Flex Duct	1000	\$12.36		\$12.36	\$12,360.00
Directional Bore 6" Flex Duct	1000	\$13.91		\$13.91	\$13,910.00
Install Small Enclosure	20	\$206.00	\$25.75	\$231.75	\$4,635.00
Install Medium Enclosure	8	\$257.50	\$25.75	\$283.25	\$2,266.00
Install Large Enclosure	4	\$334.75	\$51.50	\$386.25	\$1,545.00
Install Enclosure w/ Above Grade Lid	20	\$437.75	\$51.50	\$489.25	\$9,785.00
Install Switchgear Boxpad	6	\$849.75	\$51.50	\$901.25	\$5,407.50
Install 1-ph Primary Enclosure	6	\$412.00	\$77.25	\$489.25	\$2,935.50
Install 3-ph Primary Enclosure	12	\$489.25	\$51.50	\$540.75	\$6,489.00
Install 1-ph FG Transformer Pad	20	\$412.00	\$51.50	\$463.50	\$9,270.00
Install 3-ph Conc Pad (6'x6')	6	\$2,060.00	\$509.85	\$2,569.85	\$15,419.10
Install 3-ph Conc Pad (9'x9')	2	\$3,090.00	\$818.85	\$3,908.85	\$7,817.70
Concrete Removal (Cu Yd)	25	\$283.25		\$283.25	\$7,081.25
Concrete Installation (Cu Yd)	25	\$375.95	\$154.50	\$530.45	\$13,261.25
Bollard Installation	8	\$309.00	\$77.25	\$386.25	\$3,090.00
Pothole for Buried Utilities	100	\$9.27	\$1.03	\$10.30	\$1,030.00
Grass Seed and 1 Watering	20	\$169.95		\$169.95	\$3,399.00
OVERALL PRICE:		\$258,917.80			
MATERIALS:		Cost plus 20%			
MISC. RATES:					
SUBSISTENCE:		\$ 0 per day			
TRAVEL:		\$ 0 per day			
MILEAGE:		\$ 0 per day			
PROMPT PAYMENT DISCOUNT:		0%			
PROPOSED PRICE INCREASES FOR RENEWAL PERIODS:					
LABOR RATES:		3% per year			
EQUIPMENT & TOOLS:		3% per year			

Description	Per Hour
Supervisor	\$66.95
Equipment Operator	\$56.65
Aerial Lineman	\$56.65
Laborer	\$46.35
Flag Person	\$36.05
Truck Driver	\$36.05
1-Ton Truck	\$25.75
2 Ton Truck with Dump	\$30.90
Bucket Truck	\$46.35
Case Backhoe	\$66.95
Tractor with Box Blade	\$36.05
Trench Compactor	\$30.90
SE130 Samsung Track.	\$97.85
65 HP Rubber Tire	\$51.50
600 Vermeer Trencher	\$61.80
Cat D-3 Dozer	\$77.25
Road Bore Rig (small)	\$77.25
Road Bore Rig (medium)	\$103.00
Road Bore Rig (large)	\$128.75
Air Compressor	\$25.75
Water Pump	\$15.45
Generator	\$20.60
Jackhammer	\$20.60
Reel Trailer	\$20.60
Equipment Trailer	\$25.75
Concrete Saw	\$25.75
Sod Cutter	\$30.90
Tandem Haul Truck	\$77.25
Hydro Seeder (seed not in)	\$51.50
Hydrovac	\$66.95
Cable Pulling Equip.	\$51.50