

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 work consists of emergency service, as well as regularly planned repairs and services. **Therefore, to ensure availability of contractors, Electric Services contracts with a primary trenching contractor and a secondary trenching contractor. The secondary contractor is utilized when the primary contractor is unavailable to provide services.**

On June 25, 2019, City Council awarded the **primary contract** to Ames Trenching & Excavating, Ames, IA, in an amount not-to-exceed \$200,000, and the **secondary contract** to Zoske Electrical Services, Inc., Des Moines, IA, in an amount not-to-exceed \$100,000. This contract contained the option to renew the contract for four additional one-year periods. **The period from July 1, 2021 through June 30, 2022, is the second renewal period subject to Council approval of funding for the Underground Trenching Contract.**

The contract includes a rate provision which increases rates at fixed percentages above the previous fiscal year contracted rates at time of renewal. **For the primary contract with Ames Trenching & Excavating, the fixed rates for FY 2021/22 include labor increase of 5% and no increases for equipment and tools. For the secondary contract with Zoske Electrical Services, Inc., the fixed rates for FY 2021/22 include labor increase of 3% and no increases for equipment and tools.** A comparison of FY 2020/21 rates and proposed FY 2021/22 rates is shown on Attachment 1.

Staff recommends renewal of the contract with Ames Trenching & Excavating and Zoske Electrical Services. The benefits of having a contract for these services include:

- 1) Consistency of work and quality from a single contractor.
- 2) Reduction in the City's exposure to market forces regarding prices and availability for labor, travel, and supplies in preparation for a scheduled outage.
- 3) Rapid contractor mobilization to start emergency repairs, thus reducing generation downtime.
- 4) Saved City staff time obtaining quotes, evaluating bids and preparing specifications and other procurement documentation.

The total amount to be renewed for these contracts will be a time and materials cost not to exceed \$300,000.

The approved FY 2021/22 operating budget for Underground System Improvements contains \$300,000. 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. Approve the contract renewal for underground trenching for FY 2021-22.
 - a. Approve the **primary contract** renewal with Ames Trenching & Excavating, Ames, IA, for the Underground Trenching Contract for Electric Services for the period from July 1, 2021, through June 30, 2022, in an amount not-to-exceed \$200,000.
 - b. Approve a Performance Bond with Ames Trenching & Excavating, Ames, IA in the amount of \$200,000.
 - c. Approve the **secondary contract** renewal with Zoske Electrical Services, Inc., Des Moines, IA, for the Underground Trenching Contract for Electric Services for the period from July 1, 2021, through June 30, 2022, in an amount not-to-exceed \$100,000.
 - d. Approve a Performance Bond with Zoske Electrical Services, Inc., Des Moines, IA in the amount of \$100,000.
2. Do not renew these contracts and instruct staff to obtain trenching services on an as-needed basis.

CITY 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 and provide for guaranteed availability, thereby helping to control costs.

Having two contractors under contract 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.

INVITATION TO BID NO. 2019-134
UNDERGROUND TRENCHING CONTRACT

					Ames Trenching & Excavating, Inc. Ames, Iowa				
					Rates FY 2019-20			Rates for FY 2020-21	Rates for FY 2021-22
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor and Mateials	Labor and Mateials
A	TR-N	Trenching - Normal Depth	FT	2000			\$ 12.16	\$ 12.77	\$ 13.41
B	TR-X	Trenching - Extra Depth	FT	400			\$ 15.80	\$ 16.59	\$ 17.42
C	TR-SH	Trenching -Shallow Depth	FT	250			\$ 8.51	\$ 8.94	\$ 9.38
D	DUCT-1	Install 1" Flex Duct in Trench	FT	250			\$ 1.22	\$ 1.28	\$ 1.35
E	DUCT-2	Install 2" PVC Duct in Trench	FT	2000			\$ 1.82	\$ 1.91	\$ 2.01
F	DUCT-4	Install 4" PVC Duct in Trench	FT	1000			\$ 2.43	\$ 2.55	\$ 2.68
G	DUCT-6	Install 6" PVC Duct in Trench	FT	400			\$ 3.65	\$ 3.83	\$ 4.02
H	CONC. ENC.	Concrete Encasement of Duct	CU YD	500			\$ 54.31	\$ 57.03	\$ 59.88
I	BORE-2	Directional Bore 2" Flex Duct	FT	1000			\$ 13.37	\$ 14.04	\$ 14.74
J	BORE-4	Directional Bore 4" Flex Duct	FT	1000			\$ 24.31	\$ 25.53	\$ 26.80
K	BORE-6	Directional Bore 6" Flex Duct	FT	1000			\$ 42.54	\$ 44.67	\$ 46.90
L	HAND EX.	Excavation By Hand	HR	100			\$ 54.31	\$ 57.03	\$ 59.88
M	MACH. EX.	Excavation By Machine	HR	25			\$ 121.28	\$ 127.34	\$ 133.71
N	HAND TAMP	Mechanical Tamping By Hand	HR	100			\$ 60.78	\$ 63.82	\$ 67.01

INVITATION TO BID NO. 2019-134
UNDERGROUND TRENCHING CONTRACT

					Ames Trenching & Excavating, Inc. Ames, Iowa				
					Rates FY 2019-20			Rates for FY 2020-21	Rates for FY 2021-22
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor and Mateials	Labor and Mateials
O	MACH. TAMP	Mech. Tamping by Machine	HR	25			\$ 133.71	\$ 140.40	\$ 147.42
P	ENC- SM	Install Small Enclosure	EA	20			\$ 243.10	\$ 255.26	\$ 268.02
Q	ENC-MD	Install Medium Enclosure	EA	8			\$ 303.88	\$ 319.07	\$ 335.03
R	ENC-LG	Install Large Enclosure	EA	4			\$ 364.65	\$ 382.88	\$ 402.03
S	ENC-AG	Install Enclosure w/ Above Grade Lid	EA	20			\$ 243.10	\$ 255.26	\$ 268.02
T	ENC-SW	Install Enclosure in Sidewalk	EA	12			\$ 364.65	\$ 382.88	\$ 402.03
U	ENC-SWGR	Install Switchgear Boxpad	EA	6			\$ 850.85	\$ 893.39	\$ 938.06
V	JB-1PH	Install 1-ph Primary Enclosure	EA	6			\$ 425.43	\$ 446.70	\$ 469.04
W	JB-3PH	Install 3-ph Primary Enclosure	EA	12			\$ 425.43	\$ 446.70	\$ 469.04
X	XFMR-1PH	Install 1-ph FG Transformer Pad	EA	20			\$ 486.20	\$ 510.51	\$ 536.04
Y	XFMR-3PH6	Install 3-ph Conc Pad (6'x6')	EA	6			\$ 4,375.82	\$ 4,594.61	\$ 4,824.34
Z	XFMR-3PH9	Install 3-ph Conc Pad (9'x9')	EA	2			\$ 5,712.88	\$ 5,998.52	\$ 6,298.45
AA	PCC-REM	Concrete Removal	CU YD	25			\$ 60.75	\$ 63.79	\$ 66.98
BB	PCC	Concrete Installation	CU YD	25			\$ 303.88	\$ 319.07	\$ 335.03
CC	BOLLARD	Bollard Installation	EA	8			\$ 364.65	\$ 382.88	\$ 402.03

INVITATION TO BID NO. 2019-134
UNDERGROUND TRENCHING CONTRACT

					Ames Trenching & Excavating, Inc. Ames, Iowa				
					Rates FY 2019-20			Rates for FY 2020-21	Rates for FY 2021-22
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor and Mateials	Labor and Mateials
DD	SEEDING	Grass Seed & 1 Watering	SQ YD	200			\$ 243.10	\$ 255.26	\$ 268.02
EE	CORE-PVMNT	Pothole for Buried Utilities in Pavement	HR	100			\$ 200.17	\$ 210.18	\$ 220.69
FF	CORE-GRASS	Pothole for Buried Utilities in Grass	HR	50			\$ 170.17	\$ 178.68	\$ 187.61
TOTAL ESTIMATED BASE COST									
All materials not supplied by City of Ames.					Cost + 15%				
Equipment and Tools (to provide list)					List provided				
Subsistence					\$ -				
Travel					\$ -				
Mileage					\$ -				
Price increases for renewal periods:									
Labor rates					5% per year				
Other:									
Office location					1509 E Lincoln Way Ames				
warehouse location					same				
method to insure response time					guaranteed 4 hours				

INVITATION TO BID NO. 2019-134

UNDERGROUND TRENCHING CONTRACT
Zoske Electrical Service, Inc.
Iowa Falls, Iowa

					Rates FY 2019-20			Rates FY 2020-21			Rates FY 2021-22		
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials
A	TR-N	Trenching - Normal Depth	FT	2000	\$ 2.75	\$ -	\$ 2.75	\$ 2.83	\$ -	\$ 2.83	\$ 2.92	\$ -	\$ 2.92
B	TR-X	Trenching - Extra Depth	FT	400	\$ 3.00	\$ -	\$ 3.00	\$ 3.09	\$ -	\$ 3.09	\$ 3.18	\$ -	\$ 3.18
C	TR-SH	Trenching -Shallow Depth	FT	250	\$ 2.75	\$ -	\$ 2.75	\$ 2.83	\$ -	\$ 2.83	\$ 2.92	\$ -	\$ 2.92
D	DUCT-1	Install 1" Flex Duct in Trench	FT	250	\$ 1.92	\$ 0.87	\$ 2.79	\$ 1.98	\$ 0.87	\$ 2.85	\$ 2.04	\$ 0.87	\$ 2.91
E	DUCT-2	Install 2" PVC Duct in Trench	FT	2000	\$ 4.59	\$ 1.22	\$ 5.81	\$ 4.73	\$ 1.22	\$ 5.95	\$ 4.87	\$ 1.22	\$ 6.09
F	DUCT-4	Install 4" PVC Duct in Trench	FT	1000	\$ 1.67	\$ 2.88	\$ 4.55	\$ 1.72	\$ 2.88	\$ 4.60	\$ 1.77	\$ 2.88	\$ 4.65
G	DUCT-6	Install 6" PVC Duct in Trench	FT	400	\$ 7.08	\$ 4.16	\$ 11.24	\$ 7.30	\$ 4.16	\$ 11.46	\$ 7.51	\$ 4.16	\$ 11.67
H	CONC. ENC.	Concrete Encasement of Duct	CU YD	500	\$ 35.00	\$ 162.50	\$ 197.50	\$ 36.05	\$ 162.50	\$ 198.55	\$ 37.13	\$ 162.50	\$ 199.63
I	BORE-2	Directional Bore 2" Flex Duct	FT	1000	\$ 15.00	\$ 1.34	\$ 16.34	\$ 15.45	\$ 1.34	\$ 16.79	\$ 15.91	\$ 1.34	\$ 17.25

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					UNDERGROUND TRENCHING CONTRACT								
					Zoske Electrical Service, Inc.								
					Iowa Falls, Iowa								
					Rates FY 2019-20			Rates FY 2020-21			Rates FY 2021-22		
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials
J	BORE-4	Directional Bore 4" Flex Duct	FT	1000	\$ 15.00	\$ 4.12	\$ 19.12	\$ 15.45	\$ 4.12	\$ 19.57	\$ 15.91	\$ 4.12	\$ 20.03
K	BORE-6	Directional Bore 6" Flex Duct	FT	1000	\$ 23.00	\$ 6.88	\$ 29.88	\$ 23.69	\$ 6.88	\$ 30.57	\$ 24.40	\$ 6.88	\$ 31.28
L	HAND EX.	Excavation By Hand	HR	100	\$ 58.00	\$ -	\$ 58.00	\$ 59.74	\$ -	\$ 59.74	\$ 61.53	\$ -	\$ 61.53
M	MACH. EX.	Excavation By Machine	HR	25	\$ 85.00	\$ -	\$ 85.00	\$ 87.55	\$ -	\$ 87.55	\$ 90.18	\$ -	\$ 90.18
N	HAND TAMP	Mechanical Tamping By Hand	HR	100	\$ 58.00	\$ -	\$ 58.00	\$ 59.74	\$ -	\$ 59.74	\$ 61.53	\$ -	\$ 61.53
O	MACH. TAMP	Mech. Tamping by Machine	HR	25	\$ 58.00	\$ 14.00	\$ 72.00	\$ 59.74	\$ 14.00	\$ 73.74	\$ 61.53	\$ 14.00	\$ 75.53
P	ENC- SM	Install Small Enclosure	EA	20	\$185.00	\$ 463.00	\$ 648.00	\$ 190.55	\$ 463.00	\$ 653.55	\$ 196.27	\$ 463.00	\$ 659.27
Q	ENC-MD	Install Medium Enclosure	EA	8	\$339.50	\$ 826.00	\$ 1,165.50	\$ 349.69	\$ 826.00	\$1,175.69	\$ 360.18	\$ 826.00	\$ 1,186.18
R	ENC-LG	Install Large Enclosure	EA	4	\$650.00	\$ 970.00	\$ 1,620.00	\$ 669.50	\$ 970.00	\$1,639.50	\$ 689.59	\$ 970.00	\$ 1,659.59

INVITATION TO BID NO. 2019-134

UNDERGROUND TRENCHING CONTRACT
Zoske Electrical Service, Inc.
Iowa Falls, Iowa

					Rates FY 2019-20			Rates FY 2020-21			Rates FY 2021-22		
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials
S	ENC-AG	Install Enclosure w/ Above Grade Lid	EA	20	\$275.00	\$ 412.00	\$ 687.00	\$ 283.25	\$ 412.00	\$ 695.25	\$ 291.75	\$ 412.00	\$ 703.75
T	ENC-SW	Install Enclosure in Sidewalk	EA	12	\$650.00	\$ 412.00	\$ 1,062.00	\$ 669.50	\$ 412.00	\$ 1,081.50	\$ 689.59	\$ 412.00	\$ 1,101.59
U	ENC-SWGR	Install Switchgear Boxpad	EA	6	\$375.00	\$ 387.00	\$ 762.00	\$ 386.25	\$ 387.00	\$ 773.25	\$ 397.84	\$ 387.00	\$ 784.84
V	JB-1PH	Install 1-ph Primary Enclosure	EA	6	\$375.00	\$ 418.00	\$ 793.00	\$ 386.25	\$ 418.00	\$ 804.25	\$ 397.84	\$ 418.00	\$ 815.84
W	JB-3PH	Install 3-ph Primary Enclosure	EA	12	\$375.00	\$ 653.00	\$ 1,028.00	\$ 386.25	\$ 653.00	\$ 1,039.25	\$ 397.84	\$ 653.00	\$ 1,050.84
X	XFMR-1PH	Install 1-ph FG Transformer Pad	EA	20	\$375.00	\$ 361.00	\$ 736.00	\$ 386.25	\$ 361.00	\$ 747.25	\$ 397.84	\$ 361.00	\$ 758.84
Y	XFMR-3PH6	Install 3-ph Conc Pad (6'x6')	EA	6	\$250.00	\$1,320.00	\$ 1,570.00	\$ 257.50	\$1,320.00	\$ 1,577.50	\$ 265.23	\$ 1,320.00	\$ 1,585.23
Z	XFMR-3PH9	Install 3-ph Conc Pad (9'x9')	EA	2	\$455.00	\$1,320.00	\$ 1,775.00	\$ 468.65	\$1,320.00	\$ 1,788.65	\$ 482.71	\$ 1,320.00	\$ 1,802.71
AA	PCC-REM	Concrete Removal	CU YD	25	\$120.00	\$ 30.00	\$ 150.00	\$ 123.60	\$ 30.00	\$ 153.60	\$ 127.31	\$ 30.00	\$ 157.31

INVITATION TO BID NO. 2019-134

UNDERGROUND TRENCHING CONTRACT
Zoske Electrical Service, Inc.
Iowa Falls, Iowa

					Rates FY 2019-20			Rates FY 2020-21			Rates FY 2021-22		
	Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials
BB	PCC	Concrete Installation	CU YD	25	\$ 38.40	\$ 140.00	\$ 178.40	\$ 39.55	\$ 140.00	\$ 179.55	\$ 40.74	\$ 140.00	\$ 180.74
CC	BOLLARD	Bollard Installation	EA	8	\$165.00	\$ 285.00	\$ 450.00	\$ 169.95	\$ 285.00	\$ 454.95	\$ 175.05	\$ 285.00	\$ 460.05
DD	SEEDING	Grass Seed & 1 Watering	SQ YD	200	\$ -	\$ 4.68	\$ 4.68	\$ -	\$ 4.68	\$ 4.68	\$ -	\$ 4.68	\$ 4.68
EE	CORE-PVMNT	Pothole for Buried Utilities in Pavement	HR	100	\$150.00	\$ -	\$ 150.00	\$ 154.50	\$ -	\$ 154.50	\$ 159.14	\$ -	\$ 159.14
FF	CORE-GRASS	Pothole for Buried Utilities in Grass	HR	50	\$125.00	\$ -	\$ 125.00	\$ 128.75	\$ -	\$ 128.75	\$ 132.61	\$ -	\$ 132.61
TOTAL ESTIMATED BASE COST													
All materials not supplied by City of Ames.					Cost + 30 %								
Equipment and Tools (to provide list)					List provided								
Subsistence					\$135 per day per employee when needed								
Travel					\$65 per hour per truck								
Mileage					each way from Iowa Falls								

INVITATION TO BID NO. 2019-134

UNDERGROUND TRENCHING CONTRACT
Zoske Electrical Service, Inc.

Iowa Falls, Iowa

Rates FY 2019-20

Rates FY 2020-21

Rates FY 2021-22

Unit	Description	UOM	Est # of Units	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials	Labor	Materials	Labor & Materials
Price increases for renewal periods:												
Labor rates				3% per year								
Other:												
						___% per year						
						___% per year						
						___% per year						
Office location				833 Brooks Road Iowa Falls								
warehouse location				same								
method to insure response time				on site 2 hours for emergency services								