ITEM # <u>26</u> DATE: 06-23-20

#### **COUNCIL ACTION FORM**

<u>SUBJECT</u>: RENEWAL OF ELECTRIC SERVICES UNDERGROUND TRENCHING CONTRACT

#### **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 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.

Each contract has the 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. For the **primary contract** with Ames Trenching & Excavating, the fixed rates for FY 2020/21 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 2020/21 include labor increase of 3% and no increases for equipment and tools. All increases are in accordance with the contract terms initially established. **This is the first renewal out of four maximums**.

Staff recommends that these services continue to be outsourced on an annual renewable contract basis. The benefits of having a contract for these services in place include the following:

- 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 this contract will be a time and materials cost not to exceed \$300,000.

The approved FY 2020/21 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:**

- a. Approve the **primary contract** renewal with Ames Trenching & Excavating, Ames, IA, for the Underground Trenching Contract for Electric Services for the one-year period from July 1, 2020, through June 30, 2021, and approve contract and bond. Total work in FY 2020/21 shall be in an amount not-to-exceed \$200,000.
  - b. Approve the **secondary contract** renewal with Zoske Electrical Services, Inc., Des Moines, IA, for the Underground Trenching Contract for Electric Services for the one-year period from July 1, 2020, through June 30, 2021, and approve contract and bond. Total work in FY 2020/21 shall be in an amount not-to-exceed \$100,000.
- 2. Cancel the renewal of the primary and/or secondary contract(s) and instruct staff to rebid these services.
- 3. Cancel the renewal of the primary and/or secondary contract(s) 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. These contracts 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 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.

					Ames Trenchi	ng & Excavatir	ng, Inc.	Ames,		
					lowa					
					R	ates FY 2019-2	20			
				Est #						
				of			La	bor &		
	Unit	Description	UOM	Units	Labor	Materials	Ma	iterials		
		Trenching - Normal								
Α	TR-N	Depth	FT	2000			\$	12.16		
В	TR-X	Trenching - Extra Depth	FT	400			\$	15.80		
		Trenching -Shallow					'			
С	TR-SH	Depth	FT	250			\$	8.51		
		Install 1" Flex Duct in								
D	DUCT-1	Trench	FT	250			\$	1.22		
		Install 2" PVC Duct in								
Ε	DUCT-2	Trench	FT	2000			\$	1.82		
		Install 4" PVC Duct in								
F	DUCT-4	Trench	FT	1000			\$	2.43		
		Install 6" PVC Duct in								
G	DUCT-6	Trench	FT	400			\$	3.65		
		Concrete Encasement								
Н	CONC. ENC.	of Duct	CU YD	500			\$	54.31		
		Directional Bore 2" Flex								
<u> </u>	BORE-2	Duct	FT	1000			\$	13.37		
		Directional Bore 4" Flex								
J	BORE-4	Duct	FT	1000			\$	24.31		
	DODE 6	Directional Bore 6" Flex		1000			,	42.54		
K	BORE-6	Duct	FT	1000			\$	42.54		
L	HAND EX.	Excavation By Hand	HR	100			\$	54.31		
М	MACH. EX.	Excavation By Machine	HR	25			\$	121.28		
livi	IVIACIT. LX.	Mechanical Tamping By	TIIX	23			٧	121.20		
N	HAND TAMP	Hand	HR	100			\$	60.78		
H	11/400 1/4011	Mech. Tamping by	1111	100			7	00.70		
О	MACH. TAMP	Machine	HR	25			\$	133.71		
P	ENC- SM	Install Small Enclosure	EA	20			\$	243.10		
		Install Medium					7			
Q	ENC-MD	Enclosure	EA	8			\$	303.88		
R	ENC-LG	Install Large Enclosure	EA	4			\$	364.65		
		Install Enclosure w/								
S	ENC-AG	Above Grade Lid	EA	20			\$	243.10		
		Install Enclosure in								
Т	ENC-SW	Sidewalk	EA	12			\$	364.65		
		Install Switchgear								
U	ENC-SWGR	Boxpad	EA	6			\$	850.85		

			•		Ames Trenchi	_	ng, In	c. Ames,
						lowa		
	1	1			R	ates FY 2019-2	20	
				Est #				
				of		_		Labor &
	Unit	Description	UOM	Units	Labor	Materials	١	/laterials
		Install 1-ph Primary						
٧	JB-1PH	Enclosure	EA	6			\$	425.43
		Install 3-ph Primary						
W	JB-3PH	Enclosure	EA	12			\$	425.43
		Install 1-ph FG						
Χ	XFMR-1PH	Transformer Pad	EA	20			\$	486.20
		Install 3-ph Conc Pad						
Υ	XFMR-3PH6	(6'x6')	EA	6			\$	4,375.82
		Install 3-ph Conc Pad						
Z	XFMR-3PH9	(9'x9')	EA	2			\$	5,712.88
AA	PCC-REM	Concrete Removal	CU YD	25			\$	60.75
ВВ	PCC	Concrete Installation	CU YD	25			\$	303.88
СС	BOLLARD	Bollard Installation	EA	8			\$	364.65
		Grass Seed & 1					+	0000
חח	SEEDING	Watering	SQ YD	200			\$	243.10
			1				1	
		Pothole for Buried						
EE	CORE-PVMNT	Utilities in Pavement	HR	100			\$	200.17
		Pothole for Buried						
FF	CORE-GRASS	Utilities in Grass	HR	50			\$	170.17
тот	AL ESTIMATED	RASE COST						
.0.	AL LOTHWIATED	DAJE COJI					1	
ΔΙΙ	materials not	supplied by City of A	Δmes		Cost + 15%			
		Tools (to provide list)						
	•	Tools (to provide list)	)		List provided			
	bsistence				\$			-
	ıvel				\$			-
Mil	eage				\$			-
Pri	ce increases	s for renewal period	ls:					
Lab	oor rates				5% per year			
Oth	ner:							
								% per
								% per
							-	% per % per
Off	ice location				1500 5 Lincoln \	May Amas		
		tion			1509 E Lincoln V	vay Ames		
	rehouse loca				same			
me	thod to insure	e response time			guaranteed 4 ho	ours		

					Rates for FY 2020-21
				Est #	
	Unit	Description	UOM	of Units	Labor and Mateials
	Offic	Trenching - Normal	UOIVI	Offics	Labor and iviaterars
Α	TR-N	Depth	FT	2000	\$ 12.77
В	TR-X	Trenching - Extra Depth	FT	400	\$ 16.59
С	TR-SH	Trenching -Shallow Depth	FT	250	\$ 8.94
D	DUCT-1	Install 1" Flex Duct in Trench	FT	250	\$ 1.28
E	DUCT-2	Install 2" PVC Duct in Trench	FT	2000	\$ 1.91
F	DUCT-4	Install 4" PVC Duct in Trench	FT	1000	\$ 2.55
G	DUCT-6	Install 6" PVC Duct in Trench	FT	400	\$ 3.83
Н	CONC. ENC.	Concrete Encasement of Duct	CU YD	500	\$ 57.03
I	BORE-2	Directional Bore 2" Flex Duct	FT	1000	\$ 14.04
J	BORE-4	Directional Bore 4" Flex Duct	FT	1000	\$ 25.53
K	BORE-6	Directional Bore 6" Flex Duct	FT	1000	\$ 44.67
L	HAND EX.	Excavation By Hand	HR	100	\$ 57.03
М	MACH. EX.	Excavation By Machine	HR	25	\$ 127.34
N	HAND TAMP	Mechanical Tamping By Hand	HR	100	\$ 63.82
0	МАСН. ТАМР	Mech. Tamping by Machine	HR	25	\$ 140.40
Р	ENC- SM	Install Small Enclosure	EA	20	\$ 255.26
Q	ENC-MD	Install Medium Enclosure	EA	8	\$ 319.07 \$ 382.88
R	ENC-LG	Install Large Enclosure	EA	4	\$ 382.88
S	ENC-AG	Install Enclosure w/ Above Grade Lid	EA	20	\$ 255.26
Т	ENC-SW	Install Enclosure in Sidewalk	EA	12	\$ 382.88
U	ENC-SWGR	Install Switchgear Boxpad	EA	6	\$ 893.39

			JERGRU		İ	
					Rates for F	Y 2020-21
				Est #		
		<b>5</b>		of		
	Unit	Description	UOM	Units	Labor and I	Mateials
V	JB-1PH	Install 1-ph Primary Enclosure	EA	6	ć	446 70
V	JR-TLU	Install 3-ph Primary	EA	0	\$	446.70
W	JB-3PH	Enclosure	EA	12	\$	446.70
-	35 31 11	Install 1-ph FG			7	110.70
X	XFMR-1PH	Transformer Pad	EA	20	\$	510.51
		Install 3-ph Conc Pad				
Υ	XFMR-3PH6	(6'x6')	EA	6	\$	4,594.61
		Install 3-ph Conc Pad				<u> </u>
Z	XFMR-3PH9	(9'x9')	EA	2	\$	5,998.52
AA	PCC-REM	Concrete Removal	CU YD	25	\$	63.79
BB	PCC	Concrete Installation	CU YD	25	\$	319.07
CC	BOLLARD	Bollard Installation	EA	8	\$	382.88
		Grass Seed & 1				
DD	SEEDING	Watering	SQ YD	200	\$	255.26
		Pothole for Buried				
EE	CORE-PVMNT	Utilities in Pavement	HR	100	\$	210.18
	CORE I VIVIIVI	Pothole for Buried	1111	100	7	210.10
FF	CORE-GRASS	Utilities in Grass	HR	50	\$	178.68
			1		,	
тот	AL ESTIMATED	BASE COST				
			_			
		supplied by City of A			Cost plus 1	5%
	<u>'</u>	Tools (to provide list)	)			
	osistence					
Tra						
Mile	eage					
		for renewal period	ls:			
Lab	or rates					
Oth	er:					
Off	ice location					
wai	rehouse locat	tion				
me	thod to insure	e response time				

	Zoske Electrical Service, Inc. Iowa Falls, Iowa											
						F	Rate	s FY 2019-2	20			
				Est #								
		5		of						Labor &		
	Unit	Description Trenching - Normal	UOM	Units		Labor	l	Materials		Materials		Labor
Α	TR-N	Depth	FT	2000	\$	2.75	\$	-	\$	2.75	\$	2.83
В	TR-X	Trenching - Extra Depth	FT	400	\$	3.00	\$	-	\$	3.00	\$	3.09
		Trenching -Shallow										
С	TR-SH	Depth	FT	250	\$	2.75	\$	-	\$	2.75	\$	2.83
		Install 1" Flex Duct in			_							
D	DUCT-1	Trench Install 2" PVC Duct in	FT	250	\$	1.92	\$	0.87	\$	2.79	\$	1.98
E	DUCT-2	Trench	FT	2000	\$	4.59	\$	1.22	\$	5.81	\$	4.73
-	DUC1-2	Install 4" PVC Duct in	ГІ	2000	Ą	4.59	Ą	1.22	Ş	5.01	Ş	4.73
F	DUCT-4	Trench	FT	1000	\$	1.67	\$	2.88	\$	4.55	\$	1.72
		Install 6" PVC Duct in			<u> </u>	-	•				Ė	
G	DUCT-6	Trench	FT	400	\$	7.08	\$	4.16	\$	11.24	\$	7.30
		Concrete Encasement										
Н	CONC. ENC.	of Duct	CU YD	500	\$	35.00	\$	162.50	\$	197.50	\$	36.05
		Directional Bore 2" Flex					١.		١.			
<u> </u>	BORE-2	Duct	FT	1000	\$	15.00	\$	1.34	\$	16.34	\$	15.45
l.	BORE-4	Directional Bore 4" Flex Duct	FT	1000	\$	15.00	\$	4.12	\$	19.12	۲	15.45
-	BURE-4	Directional Bore 6" Flex	ГІ	1000	Ą	15.00	Ą	4.12	Ą	19.12	Ş	15.45
K	BORE-6	Duct	FT	1000	\$	23.00	\$	6.88	\$	29.88	\$	23.69
L	HAND EX.	Excavation By Hand	HR	100	\$	58.00	\$	-	\$	58.00		59.74
		,										
М	MACH. EX.	Excavation By Machine	HR	25	\$	85.00	\$	-	\$	85.00	\$	87.55
		Mechanical Tamping By										
N	HAND TAMP	Hand	HR	100	\$	58.00	\$	-	\$	58.00	\$	59.74
	NAACU TANAD	Mech. Tamping by		25	۸.	F0 00	_	4.4.00	,	72.00	۸.	50.74
O P	MACH. TAMP ENC- SM	Machine Install Small Enclosure	HR EA	25 20	\$	58.00 185.00	\$	14.00 463.00	\$ \$	72.00 648.00		59.74 190.55
F	EINC- SIVI	Install Medium	EA	20	Ą	165.00	Ą	403.00	Ą	046.00	Ą	190.55
Q	ENC-MD	Enclosure	EA	8	\$	339.50	\$	826.00	\$	1,165.50	Ś	349.69
R	ENC-LG	Install Large Enclosure	EA	4	\$	650.00	\$	970.00	\$	1,620.00	_	669.50
	-	Install Enclosure w/	-		Ė		Ė	- 3.23		,	Ĺ	
S	ENC-AG	Above Grade Lid	EA	20	\$	275.00	\$	412.00	\$	687.00	\$	283.25
		Install Enclosure in										
Т	ENC-SW	Sidewalk	EA	12	\$	650.00	\$	412.00	\$	1,062.00	\$	669.50
		Install Switchgear			١,		١,		١.	_		
U	ENC-SWGR	Boxpad	EA	6	\$	375.00	\$	387.00	\$	762.00	\$	386.25

						Zoske Electrical Service, Inc. Iowa Falls, Iowa						
						Rates FY 2019-20						
	Unit	Description	UOM	Est # of Units		Labor		Materials		Labor & Materials	Labor	
		Install 1-ph Primary										
٧	JB-1PH	Enclosure	EA	6	\$	375.00	\$	418.00	\$	793.00	\$ 386.25	
		Install 3-ph Primary										
W	JB-3PH	Enclosure	EA	12	\$	375.00	\$	653.00	\$	1,028.00	\$ 386.25	
		Install 1-ph FG										
Х	XFMR-1PH	Transformer Pad	EA	20	\$	375.00	\$	361.00	\$	736.00	\$ 386.25	
		Install 3-ph Conc Pad					١.		١.			
Υ	XFMR-3PH6	(6'x6')	EA	6	\$	250.00	\$	1,320.00	\$	1,570.00	\$ 257.50	
		Install 3-ph Conc Pad	l		_						4	
Z	XFMR-3PH9	(9'x9')	EA	2	\$	455.00	\$	1,320.00	\$	1,775.00	\$ 468.65	
ΔА	PCC-REM	Concrete Removal	CU YD	25	\$	120.00	\$	30.00	\$	150.00	\$ 123.60	
700	T CC IVEIVI	Contracte Nemovar	00.15	23		120.00	7	30.00	~	130.00	Ψ 123.00	
ВВ	PCC	Concrete Installation	CU YD	25	\$	38.40	\$	140.00	\$	178.40	\$ 39.55	
			1									
CC	BOLLARD	Bollard Installation	EA	8	\$	165.00	\$	285.00	\$	450.00	\$ 169.95	
		Grass Seed & 1										
DD	SEEDING	Watering	SQ YD	200	\$	-	\$	4.68	\$	4.68	\$ -	
		Pothole for Buried										
EE	CORE-PVMNT	Utilities in Pavement	HR	100	\$	150.00	\$	_	\$	150.00	\$ 154.50	
	CORL-F VIVIIVI	Pothole for Buried	TIIX	100	۲	130.00	۲	<del>-</del>	7	130.00	\$ 154.50	
FF	CORE-GRASS	Utilities in Grass	HR	50	\$	125.00	\$	_	\$	125.00	\$ 128.75	
		L			_		7		7		Ψ ===0.70	
тот	AL ESTIMATED	BASE COST										
ΔII	matarials not	supplied by City of A	\mos		Co	st + 30 %						
		Tools (to provide list)										
	osistence	i oois (to provide iist)	<u> </u>			t provided						
					-			mployee wh	en r	ieeaea		
Tra					\$65 per hour per truck							
IVIII	eage				tror	m Iowa Falls						
Dri	ce incresses	for renewal period	le•									
-	or rates	ioi ieliewai peliou			20/	norvos						
Other:				3%	per year							
Oth	ICI.									0/		
										% pe		
										% pe		
0.00					% per						1	
	ice location				833 Brooks Road Iowa Falls							
-	rehouse locat				same							
method to insure response time				on site 2 hours for emergency services								

					Rate	es FY 2020	-21	
	Unit	Description	UOM	Est # of Units	N	1aterials	ľ	Labor & Materials
Α	TR-N	Trenching - Normal Depth	FT	2000	\$	-	\$	2.83
В	TR-X	Trenching - Extra Depth	FT	400	\$	-	\$	3.09
С	TR-SH	Trenching -Shallow Depth	FT	250	\$	-	\$	2.83
D	DUCT-1	Install 1" Flex Duct in Trench Install 2" PVC Duct in	FT	250	\$	0.87	\$	2.85
E	DUCT-2	Trench Install 4" PVC Duct in	FT	2000	\$	1.22	\$	5.95
F	DUCT-4	Trench Install 6" PVC Duct in	FT	1000	\$	2.88	\$	4.60
G	DUCT-6	Trench Concrete Encasement	FT	400	\$	4.16	\$	11.46
Н	CONC. ENC.	of Duct Directional Bore 2" Flex	CU YD	500	\$	162.50	\$	198.55
I	BORE-2	Duct Directional Bore 4" Flex	FT	1000	\$	1.34	\$	16.79
J	BORE-4	Duct Directional Bore 6" Flex	FT	1000	\$	4.12	\$	19.57
K	BORE-6	Duct	FT	1000	\$	6.88	\$	30.57
L	HAND EX.	Excavation By Hand	HR	100	\$	-	\$	59.74
M	MACH. EX.	Excavation By Machine Mechanical Tamping By	HR	25	\$	-	\$	87.55
N	HAND TAMP	Hand Mech. Tamping by	HR	100	\$	-	\$	59.74
O P	MACH. TAMP ENC- SM	Machine Install Small Enclosure	HR EA	25 20	\$	14.00 463.00	\$	73.74 653.55
Q	ENC-MD	Install Medium Enclosure	EA	8	\$	826.00	\$	1,175.69
R S	ENC-LG ENC-AG	Install Large Enclosure Install Enclosure w/ Above Grade Lid	EA EA	20	\$	970.00	\$	1,639.50 695.25
T	ENC-SW	Install Enclosure in Sidewalk	EA	12	\$	412.00	\$	1,081.50
U	ENC-SWGR	Install Switchgear Boxpad	EA	6	\$	387.00	\$	773.25

				Rate	es FY 2020	-21	
Unit	Description	UOM	Est # of Units	N	Materials	ľ	Labor & Materials
JB-1PH	Install 1-ph Primary Enclosure	EA	6	\$	418.00	\$	804.25
JB-3PH	Enclosure	EA	12	\$	653.00	\$	1,039.25
XFMR-1PH	Transformer Pad	EA	20	\$	361.00	\$	747.25
XFMR-3PH6	(6'x6')	EA	6	\$	1,320.00	\$	1,577.50
XFMR-3PH9	(9'x9')	EA	2	\$	1,320.00	\$	1,788.65
PCC-REM	Concrete Removal	CU YD	25	\$	30.00	\$	153.60
PCC	Concrete Installation	CU YD	25	\$	140.00	\$	179.55
BOLLARD	Bollard Installation Grass Seed & 1	EA	8	\$	285.00	\$	454.95
SEEDING	Watering	SQ YD	200	\$	4.68	\$	4.68
CORE-PVMNT	Utilities in Pavement	HR	100	\$		\$	154.50
CORE-GRASS	Utilities in Grass	HR	50	\$	-	\$	128.75
materials not	supplied by City of A						
ce increases oor rates ner:	for renewal period	s:					
	JB-1PH  JB-3PH  XFMR-1PH  XFMR-3PH6  XFMR-3PH9  PCC-REM  PCC  BOLLARD  SEEDING  CORE-PVMNT  CORE-GRASS  TAL ESTIMATED  materials not uipment and bistence avel eage  ce increases or rates ner:  ice location rehouse location reho	JB-1PH Enclosure  Install 1-ph Primary Enclosure  Install 3-ph Primary Enclosure  Install 1-ph FG XFMR-1PH Transformer Pad Install 3-ph Conc Pad XFMR-3PH6 (6'x6') Install 3-ph Conc Pad XFMR-3PH9 (9'x9')  PCC-REM Concrete Removal  PCC Concrete Installation  BOLLARD Bollard Installation  Grass Seed & 1  Watering  Pothole for Buried CORE-PVMNT Utilities in Pavement Pothole for Buried Utilities in Grass  FAL ESTIMATED BASE COST  materials not supplied by City of Auipment and Tools (to provide list) bisistence avel eage  ce increases for renewal period for rates for:	Install 1-ph Primary Enclosure  Install 3-ph Primary IB-3PH  Enclosure  Install 3-ph Primary Enclosure  EA  Install 1-ph FG  XFMR-1PH  Transformer Pad  Install 3-ph Conc Pad (6'x6')  EA  Install 3-ph Conc Pad (6'x6')  EA  XFMR-3PH6  (6'x6')  EA  Install 3-ph Conc Pad (9'x9')  EA  PCC-REM  Concrete Removal  CU YD  PCC  Concrete Installation  EA  Grass Seed & 1  SEEDING  Pothole for Buried CORE-PVMNT  Utilities in Pavement  HR  Pothole for Buried CORE-GRASS  Utilities in Grass  HR  TAL ESTIMATED BASE COST  materials not supplied by City of Ames. uipment and Tools (to provide list) bisistence avel eage  ce increases for renewal periods: cor rates ner:  ice location rehouse location	Unit Description UOM Units  Install 1-ph Primary IB-1PH Enclosure EA 6  Install 3-ph Primary IB-3PH Enclosure EA 12  Install 1-ph FG XFMR-1PH Transformer Pad EA 20  Install 3-ph Conc Pad (6'x6') EA 6  Install 3-ph Conc Pad (9'x9') EA 2  PCC-REM Concrete Removal CU YD 25  PCC Concrete Installation CU YD 25  BOLLARD Bollard Installation EA 8  Grass Seed & 1  SEEDING Watering SQ YD 200  Pothole for Buried Utilities in Pavement HR 100  CORE-PVMNT Volidities in Grass HR 50  TAL ESTIMATED BASE COST  materials not supplied by City of Ames.  Luipment and Tools (to provide list)  bisistence  avel  eage  ce increases for renewal periods:  cor rates  ner:	Unit  Description  Units  Description  Descr	Unit Description UOM Units Materials  Install 1-ph Primary EA 6 \$ 418.00  Install 3-ph Primary EA 12 \$ 653.00  Install 1-ph FG Install 1-ph FG XFMR-1PH Transformer Pad EA 20 \$ 361.00  XFMR-3PH6 (6'x6') EA 6 \$ 1,320.00  XFMR-3PH9 (9'x9') EA 2 \$ 1,320.00  PCC REM Concrete Removal CU YD 25 \$ 30.00  PCC Concrete Installation EA 8 \$ 285.00  BOLLARD Bollard Installation EA 8 \$ 285.00  BOLLARD Bollard Installation EA 8 \$ 285.00  CORE-PVMNT Utilities in Pavement HR 100 \$ -  Pothole for Buried CORE-GRASS Utilities in Grass HR 50 \$ -  TAL ESTIMATED BASE COST  materials not supplied by City of Ames.  uipment and Tools (to provide list)  bisistence  ivel  eage  ce increases for renewal periods:  or rates  ner:	Unit Description UOM Units Materials Plant Install 1-ph Primary EA 6 \$ 418.00 \$ Install 3-ph Primary Enclosure EA 12 \$ 653.00 \$ Install 3-ph Primary Install 1-ph FG Enclosure EA 12 \$ 653.00 \$ Install 3-ph Conc Pad Install 3-ph Conc Pad (6'x6') EA 6 \$ 1,320.00 \$ Install 3-ph Conc Pad (6'x6') EA 6 \$ 1,320.00 \$ EA 7 \$ 1,320.00 \$ 1,320.00 \$ EA 7 \$ 1,320.00 \$