

**AGENDA ITEM EXECUTIVE SUMMARY**

Agenda Item number: 7.f

Title:

Recommendation to Approve Contract Extension for Water, Sanitary Sewer and Storm Sewer Underground Point Repairs

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: May 28, 2019

Proposed Cost:\$610,000

Budgeted Amount: \$610,000

Not Budgeted: **Executive Summary** *(if not budgeted please explain):*

The City of St. Charles Environmental Services Division is seeking a contractor to perform Water, Sanitary Sewer and Storm Sewer point repairs for the duration of the 2019/2020 fiscal year. A portion of underground point repairs are conducted annually by a construction contractor. Each underground point repair is unique but typically includes hydrant replacement, valve replacement, line repairs, drainage basins and manhole replacements. All work will be contracted on a per unit basis or an hourly rate as identified in the bid.

On April 3, 2018, the City received three bids for point repairs. Mid-American Underground was the vendor with the lowest unit cost. Because they have performed well and have been responsive to the City's needs, the Public Works Department invited Mid-American Underground to extend their contract for one additional year, through FY20. Mid-America, in turn, offered to hold their rates with the exception of union staff; an increase of 3% was applied to comply with prevailing wage and union contract laws.

The awarded bid was based on the unit and hourly cost for typical types of point repairs. Hourly costs were also reviewed to ensure the City was selecting the most fiscally responsible vendor. The unit cost and hourly rates for utility and point repairs are reasonably priced in comparison to prior years.

Attachments *(please list):*

* Mid-American Underground unit and hourly cost

Recommendation/Suggested Action *(briefly explain):*

Recommendation to award the Bid for Water, Sanitary Sewer and Storm Sewer Point Repairs to Mid-American Underground for a one year period beginning May 1, 2019 through April 30, 2020 in the amount not to exceed \$610,000.

RETURN WITH BID



ST. CHARLES
SINCE 1834

For complete information covering these items, see plans and specifications)

SCHEDULE OF
UNIT PRICES

Schedule for Unit Prices

Item No.	Items	Unit	Mid American	Mid American
			Underground	Underground
			Unit Price FY 18/19	Unit Price FY 19/20
1	Sidewalk Removal	SF	\$5.00	\$5.00
2	Pavement Removal, Special	SY	\$8.00	\$8.00
3	Curb Removal and Replacement	LF	\$10.00	\$10.00
4	Portland Cement Concrete Driveway Removal	SY	\$10.00	\$10.00
5	Hot-Mix Asphalt Driveway Removal	SY	\$10.00	\$10.00
6	Remove Valve Box & Replace with 4' Dia. Valve Vault	EACH	\$5,000.00	\$5,000.00
7	Remove Valve Box & Replace with 6' Dia. Valve Vault	EACH	\$6,000.00	\$6,000.00
8	Rebuild Top of Structure	EACH	\$2,000.00	\$2,000.00
9	Rebuild Top of Structure - New Frame and Grate	EACH	\$2,000.00	\$2,000.00
10	Fire Hydrant Assembly - Remove & Replace	EACH	\$5,000.00	\$5,000.00
11	Valve Boxes to be Adjusted - With Stabilizer	EACH	\$1,000.00	\$1,000.00
12	Remove and Replace Valve Box - With Stabilizer	EACH	\$1,000.00	\$1,000.00
13	1" Copper Water Service With B-Box Connection	LF	\$195.00	\$195.00
14	Remove and Replace B-Box	EACH	\$1,000.00	\$1,000.00
15	New 48" Sanitary Manhole to 10' in Depth	EACH	\$7,500.00	\$7,500.00
16	New 48" Sanitary Manhole from 11' to 20' in Depth	EACH	\$15,000.00	\$15,000.00
17	Remove and Replace 48" Dia. Sanitary Manhole to 10' Depth	EACH	\$10,000.00	\$10,000.00
18	Remove and Replace 48" Dia. Sanitary Drop Manhole to 10' Depth	EACH	\$15,000.00	\$15,000.00
19	Remove and Replace 48" Dia. Sanitary Manhole from 11' to 20' Depth	EACH	\$30,000.00	\$30,000.00
20	Remove and Replace 48" Dia. Sanitary Drop Manhole from 11' to 20' Depth	EACH	\$40,000.00	\$40,000.00
21	Remove and Replace 6" Sanitary Sewer Service	LF	\$195.00	\$195.00
22	Sanitary Manhole Chimney Seal	EACH	\$1,500.00	\$1,500.00
23	Remove & Replace 2' Dia. Catch Basin	EACH	\$2,500.00	\$2,500.00
24	Remove & Replace 4' Dia. Catch Basin	EACH	\$4,500.00	\$4,500.00
25	New 2' Dia. Catch Basin	EACH	\$2,500.00	\$2,500.00
26	New 4' Dia. Catch Basin	EACH	\$4,500.00	\$4,500.00
27	Remove & Replace 4' Dia. Water Valve Manhole	EACH	\$6,000.00	\$6,000.00
28	Remove & Replace 5' Dia. Water Valve Manhole	EACH	\$7,000.00	\$7,000.00
29	Storm Sewer Manhole, Type A, 5'-Diameter	EACH	\$7,000.00	\$7,000.00
30	Adjust Frame in Parkway or Sidewalk	EACH	\$1,000.00	\$1,000.00
31	Adjust Frame in Pavement	EACH	\$1,500.00	\$1,500.00
32	Adjust Frame in Pavement - New Frame and Lid	EACH	\$1,500.00	\$1,500.00
33	Adjust Frame in Parkway - New Frame and Lid	EACH	\$1,500.00	\$1,500.00
34	Adjust Frame in Curb	EACH	\$1,500.00	\$1,500.00
35	Adjust Frame in Curb - New Frame and Grate	EACH	-	-
36	Sanitary Sewer Pipe, Remove 6" VCP Pipe & Replace with 6" PVC, SDR 26	LF	\$175.00	\$175.00
37	Sanitary Sewer Pipe, Remove 8" VCP Pipe & Replace with 8" PVC, SDR 26	LF	\$185.00	\$185.00
38	Sanitary Sewer Pipe, Remove 10" VCP Pipe & Replace with 10" PVC, SDR 26	LF	\$195.00	\$195.00
39	Sanitary Sewer Pipe, Remove 12" VCP Pipe & Replace with 12" PVC, SDR 26	LF	\$200.00	\$200.00
40	Storm Sewer Pipe Removal and Replacement, 10" RCP, CL IV	LF	\$150.00	\$150.00
41	Storm Sewer Pipe Removal and Replacement, 12" RCP, CL IV	LF	\$150.00	\$150.00
42	Storm Sewer Pipe Removal and Replacement, 15" RCP, CL IV	LF	\$175.00	\$175.00
43	Storm Sewer Pipe Removal and Replacement, 18" RCP, CL IV	LF	\$175.00	\$175.00
44	Storm Sewer Pipe Removal and Replacement, 21" RCP, CL IV	LF	\$200.00	\$200.00
45	Temporary Access, Special	SY	\$30.00	\$30.00

RETURN WITH BID



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SCHEDULE OF HOURLY

Schedule for Hourly Rates

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Unit Price FY 18/19		Unit Price FY 19/20	
			Mid American Underground MAU Rate		Mid American Underground MAU Rate	
			ST	OT	ST	OT
46	Project Manager	hr	150	150	150	150
47	Site Superintendent	hr	150	150	150	150
48	Office Administration	hr	60	60	60	60
49	Union Operator	hr	125	180	128.75	180
50	Union Labor	hr	120	175	123.60	175
51	Excavator 5000 to 9000	hr	40	40	40	40
52	Excavator 10000 to 12000	hr	51	51	51	51
53	Excavator 13000 to 22000	hr	60	60	60	60
54	Excavator 23000 to 34000	hr	66	66	66	66
55	Excavator 35000 to 54000	hr	87	87	87	87
56	Excavator 55000 to 76000	hr	98	98	98	98
57	Excavator 5000 to 9000 w/ Hammer	hr	80	80	80	80
58	Excavator 10000 to 12000 w/ Hammer	hr	102	102	102	102
59	Excavator 13000 to 22000 w/ Hammer	hr	120	120	120	120
60	Excavator 23000 to 34000 W/ Hammer	hr	132	132	132	132
61	Excavator 35000 to 54000 W/ Hammer	hr	174	174	174	174
62	Excavator 55000 to 76000 w/ Hammer	hr	350	350	350	350
63	Skid Steer < 2000 Lb	hr	34	34	34	34
64	Skid Steer 2000 to 4000	hr	34	34	34	34
65	Skid Steer < 2000 Lb w/Hyd Power Accessories	hr	68	68	68	68
66	Skid Steer 2000 to 4000 w/Hyd Power Accessories	hr	68	68	68	68
67	Wheel Loader 9000 to 15000	hr	75	75	75	75
68	Wheel Loader 16000 to 21000	hr	80	80	80	80
69	Wheel Loader 22000 to 32000	hr	125	125	125	125
70	Backhoe Loader 20000 to 30000	hr	60	60	60	60
71	Backhoe Loader 20000 to 30000 w/ Hammer	hr	120	120	120	120
72	Truck 150 or equal	hr	30	30	30	30
73	Truck 250 or equal	hr	30	30	30	30
74	Truck 350 or equal	hr	35	35	35	35
75	Truck 450 or equal	hr	45	45	45	45
76	Truck 550 or equal	hr	45	45	45	45
77	Truck 650 or equal	hr	45	45	45	45
78	Tandem Tractor	hr	80	80	80	80
79	Tandem Dump Truck	hr	80	80	80	80
80	10 Ton Tag	hr	20	20	20	20
81	20 Ton Tag	hr	25	25	25	25
82	35 Ton Lowboy (2axle)	hr	35	35	35	35
83	50 Ton Lowboy (3 axle)	hr	45	45	45	45
84	Dump Trailer (Semi)	hr	45	45	45	45
85	Vacuum Excavator Trailer Mounted	hr	85	85	85	85
86	Air Compressors < 200 CFM	hr	20	20	20	20
87	Gas saw hand	hr	17	17	17	17
88	Gas saw walk	hr	30	30	30	30
89	Jack Hammer < 80#	hr	5	5	5	5
90	Plate compactor	hr	5	5	5	5
91	Chainsaw	hr	15	15	15	15
92	Oxygen/ Acetylene Cutting Torch	hr	10	10	10	10
93	Water Pump up to 2"	hr	6	6	6	6
94	Water Pump 3"	hr	12	12	12	12
95	Water Pump 4"	hr	20	20	20	20
96	Generator up to 15000 watt	hr	25	25	25	25

RETURN WITH BID



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SCHEDULE OF HOURLY RATES

Schedule for Hourly Rates

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Unit Price FY 18/19		Unit Price FY 19/20	
			Mid American Underground MAU Rate		Mid American Underground MAU Rate	
			ST	OT	ST	OT
97	Light Tower 6000 watt	hr	25	25	25	25
98	Directional Drills up to 10000 lbs	hr	90	90	90	90
99	Directional Drills 10000 to 20000 lbs	hr	100	100	100	100
100	Directional Drills 21000 to 30000 lbs	hr	150	150	150	150
101	Directional Drills 31000 to 40000 lbs	hr	200	200	200	200
102	Aluminum Shore Box or equal up to 15 x 15	day	150	150	150	150
103	Hardwood Mat	day	25	25	25	25
104	Steel Road Plate	day	10	10	10	10