

Midway City Council
3 March 2020
Regular Meeting

2020 Water Line Projects /
Approve Contract

728 West 100 South
Heber, UT 84032
www.horrocks.com



Heber Office
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March 3rd, 2020

Midway City Mayor and Council
100 West 75 North
Midway, UT 84049

Subject: 2020 Water Line Projects – 100 E: 100 S. TO 150 N., 200 E: 220 S. TO 100 N. & 300 E: MAIN ST. TO 100 N

Dear Midway City Mayor and City Council:

On Tuesday February 18th, 2020, bids for the 2020 Water Line Projects – 100 E: 100 S. TO 150 N., 200 E: 220 S. TO 100 N. & 300 E: MAIN ST. TO 100 N were opened. Five contractors submitted bids for the project. Attached is a bid tabulation form. The lowest bidder was KW Robinson Construction in the amount of \$1,295,841.97.

We recommend the Mayor and City Council award the project to KW Robinson Construction in the amount of \$1,295,841.97.

Please contact our office with any questions.

Sincerely,
HORROCKS ENGINEERS

Wesley Johnson, P.E.
Midway City Engineer

A handwritten signature in blue ink, appearing to read 'Wesley Johnson', is written over the typed name and title.

Cc KW Robinson Construction

MIDWAY CITY
2020 Midway Water Lines 100 E

No.	Item Description	Unit	Qty	KW Robinson		MC Contractors		Lance Excavating		Sorensen Construction		Geneva Rock	
				Unit Bid Price	Amount	Unit Bid Price	Amount	Unit Bid Price	Amount	Unit Bid Price	Amount	Unit Bid Price	Amount
3.1	Mobilization												
1	Mobilization	LS	1		\$110,028.69		\$115,000.00		\$113,170.00		\$166,000.00		\$135,000.00
	Sub-Total				\$110,028.69		\$115,000.00		\$113,170.00		\$166,000.00		\$135,000.00
3.2	100 East (100 South - 150 North)												
2	POT HOLE	EA	15	\$874.24	\$13,113.60	\$1,030.00	\$15,450.00	\$500.00	\$7,500.00	\$266.00	\$3,990.00	\$400.00	\$6,000.00
3	REMOVE AND DISPOSE EXISTING WATER LINE	LF	80	\$25.71	\$2,056.80	\$35.00	\$2,800.00	\$15.00	\$1,200.00	\$15.70	\$1,256.00	\$32.00	\$2,560.00
4	CAP AND ABANDON EXISTING WATER LINE	EA	3	\$2,808.10	\$8,424.30	\$1,160.00	\$3,480.00	\$768.00	\$2,304.00	\$1,830.00	\$5,490.00	\$2,220.00	\$6,660.00
5	ABANDON GATE VALVE	EA	2	\$934.50	\$1,869.00	\$450.00	\$900.00	\$250.00	\$500.00	\$232.00	\$464.00	\$465.00	\$930.00
6	REMOVE AND DISPOSE OF GATE VALVE	EA	5	\$1,520.63	\$7,603.15	\$800.00	\$4,000.00	\$300.00	\$1,500.00	\$227.00	\$1,135.00	\$1,160.00	\$5,800.00
7	REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT	EA	1	\$2,183.56	\$2,183.56	\$2,500.00	\$2,500.00	\$1,726.00	\$1,726.00	\$660.00	\$660.00	\$2,200.00	\$2,200.00
8	CONNECT TO EXISTING WATER LINE	EA	6	\$2,463.65	\$14,781.90	\$955.00	\$5,730.00	\$2,370.00	\$14,220.00	\$2,250.00	\$13,500.00	\$2,620.00	\$15,720.00
9	8" PVC C900 DR-18 WATER LINE	LF	550	\$42.19	\$23,204.50	\$72.48	\$39,864.00	\$115.00	\$63,250.00	\$72.30	\$39,765.00	\$50.00	\$27,500.00
10	10" PVC C900 DR-18 WATER LINE	LF	20	\$94.40	\$1,888.00	\$76.50	\$1,530.00	\$137.32	\$2,746.40	\$91.90	\$1,838.00	\$126.00	\$2,520.00
11	12" PVC C900 DR-18 WATER LINE	LF	15	\$107.21	\$1,608.15	\$200.00	\$3,000.00	\$150.00	\$2,250.00	\$107.00	\$1,605.00	\$180.00	\$2,700.00
12	TEMPORARY FLUSH VALVE	EA	1	\$3,882.22	\$3,882.22	\$3,160.00	\$3,160.00	\$1,184.00	\$1,184.00	\$2,900.00	\$2,900.00	\$4,500.00	\$4,500.00
13	WATER SERVICE CONNECTION LONG SIDE	EA	5	\$3,529.49	\$17,647.45	\$3,950.00	\$19,750.00	\$6,114.00	\$30,570.00	\$3,130.00	\$15,650.00	\$5,000.00	\$25,000.00
14	WATER SERVICE CONNECTION SHORT SIDE	EA	8	\$3,195.94	\$25,567.52	\$3,620.00	\$28,960.00	\$4,882.00	\$39,056.00	\$3,250.00	\$26,000.00	\$3,900.00	\$31,200.00
15	FIRE HYDRANT	EA	2	\$6,745.81	\$13,491.62	\$7,450.00	\$14,900.00	\$8,894.00	\$17,788.00	\$9,420.00	\$18,840.00	\$8,200.00	\$16,400.00
16	FIRE LINE RECONNECT	LS	1		\$3,245.84	\$3,120.00	\$3,120.00	\$4,811.00	\$4,811.00	\$4,010.00	\$4,010.00	\$6,000.00	\$6,000.00
17	8" GATE VALVE	EA	2	\$3,354.40	\$6,708.80	\$2,250.00	\$4,500.00	\$2,120.00	\$4,240.00	\$2,380.00	\$4,760.00	\$4,200.00	\$8,400.00
18	10" GATE VALVE	EA	1	\$2,747.45	\$2,747.45	\$2,600.00	\$2,600.00	\$3,115.00	\$3,115.00	\$3,100.00	\$3,100.00	\$5,100.00	\$5,100.00
19	12" GATE VALVE	EA	2	\$6,451.20	\$12,902.40	\$3,632.00	\$7,264.00	\$5,044.00	\$10,088.00	\$3,960.00	\$7,920.00	\$6,100.00	\$12,200.00
20	NEW SEWER LATERAL SHORT SIDE	EA	3	\$2,573.07	\$7,719.21	\$1,220.00	\$3,660.00	\$1,460.00	\$4,380.00	\$2,550.00	\$7,650.00	\$4,000.00	\$12,000.00
21	NEW SEWER LATERAL LONG SIDE	EA	3	\$2,959.96	\$8,879.88	\$2,730.00	\$8,190.00	\$2,983.00	\$8,949.00	\$4,240.00	\$12,720.00	\$6,000.00	\$18,000.00
22	REPAIR OFFSET JOINT	LS	1		\$1,835.97	\$2,500.00	\$2,500.00	\$3,440.00	\$3,440.00	\$1,490.00	\$1,490.00	\$4,500.00	\$4,500.00
23	PULVERIZE, RE-GRADE, AND COMPACT	SF	22,795	\$0.50	\$11,397.50	\$0.65	\$14,816.75	\$0.67	\$15,272.65	\$0.65	\$14,816.75	\$0.42	\$9,573.90
24	SUB-BASE REPAIR	CY	338	\$47.31	\$15,990.78	\$64.00	\$21,632.00	\$45.00	\$15,210.00	\$26.40	\$8,923.20	\$88.00	\$29,744.00
25	3" ASPHALT PATCHING - REMOVE AND REPLACE (MIDWAY CITY)	SF	789	\$14.29	\$11,274.81	\$5.35	\$4,221.15	\$3.96	\$3,124.44	\$5.00	\$3,945.00	\$11.00	\$8,679.00
26	3" ASPHALT PAVEMENT	SF	22,795	\$1.78	\$40,575.10	\$2.03	\$46,273.85	\$1.62	\$36,927.90	\$2.25	\$51,288.75	\$1.62	\$36,927.90
27	7" ASPHALT PATCHING - REMOVE AND REPLACE (UDOT SPEC)	SF	265	\$23.21	\$6,150.65	\$14.00	\$3,710.00	\$8.30	\$2,199.50	\$9.20	\$2,438.00	\$13.00	\$3,445.00
28	PROFLOGRAPHING	LS	1		\$1,560.59	\$4,025.00	\$4,025.00	\$1,500.00	\$1,500.00	\$12,600.00	\$12,600.00	\$3,400.00	\$3,400.00
29	RAISE AND COLLAR WATER VALVE & MONUMENT	EA	4	\$777.25	\$3,109.00	\$450.00	\$1,800.00	\$500.00	\$2,000.00	\$481.00	\$1,924.00	\$940.00	\$3,760.00
30	RAISE AND COLLAR MANHOLE	EA	2	\$918.54	\$1,837.08	\$1,200.00	\$2,400.00	\$800.00	\$1,600.00	\$747.00	\$1,494.00	\$940.00	\$1,880.00
31	IMPORT / GRANULAR FILL	TON	483	\$18.96	\$9,157.68	\$26.85	\$12,968.55	\$39.00	\$18,837.00	\$47.00	\$22,701.00	\$20.20	\$9,756.60
32	UBC - UNTREATED BASE COURSE FOR ROADWAY & SHOULDER AREAS	TON	313	\$27.18	\$8,507.34	\$48.57	\$15,202.41	\$48.00	\$15,024.00	\$20.50	\$6,416.50	\$26.45	\$8,278.85
33	POT ROCK EXCAVATION	CY	363	\$23.62	\$8,574.06	\$60.60	\$21,997.80	\$35.00	\$12,705.00	\$154.00	\$55,902.00	\$168.00	\$60,984.00
34	REMOVE AND REPLACE SIDEWALK	SF	120	\$15.84	\$1,900.80	\$9.00	\$1,080.00	\$18.00	\$2,160.00	\$7.50	\$900.00	\$13.00	\$1,560.00
35	ADA TRUNCATED DOME	EA	2	\$614.39	\$1,228.78	\$1,600.00	\$3,200.00	\$437.50	\$875.00	\$3,920.00	\$7,840.00	\$350.00	\$700.00
36	FLOWABLE FILL (UDOT ROW)	CY	9	\$265.57	\$2,390.13	\$185.00	\$1,665.00	\$150.00	\$1,350.00	\$229.00	\$2,061.00	\$177.00	\$1,593.00
37	PAVEMENT MESSAGE (THERMOPLASTIC)	EA	5	\$267.88	\$1,339.40	\$650.00	\$3,250.00	\$294.00	\$1,470.00	\$210.00	\$1,050.00	\$175.00	\$875.00
38	PRESERVE AND REINSTALL EXISTING MAILBOX	EA	1	\$447.22	\$447.22	\$750.00	\$750.00	\$300.00	\$300.00	\$190.00	\$190.00	\$410.00	\$410.00
	Sub-Total				\$306,802.24		\$336,850.51		\$355,372.89		\$369,233.20		\$397,457.25
3.3	200 East (220 South - 100 North)												
39	POT HOLE	EA	14	\$881.13	\$12,335.82	\$1,030.00	\$14,420.00	\$500.00	\$7,000.00	\$366.00	\$5,124.00	\$400.00	\$5,600.00
40	REMOVE AND DISPOSE EXISTING WATER LINE	LF	139	\$21.92	\$3,046.88	\$35.00	\$4,865.00	\$15.00	\$2,085.00	\$15.70	\$2,182.30	\$32.00	\$4,448.00
41	CAP AND ABANDON EXISTING WATER LINE	EA	15	\$2,507.63	\$37,614.45	\$1,367.00	\$20,505.00	\$750.00	\$11,250.00	\$1,130.00	\$16,950.00	\$2,220.00	\$33,300.00
42	ABANDON GATE VALVE	EA	3	\$796.18	\$2,388.54	\$450.00	\$1,350.00	\$250.00	\$750.00	\$232.00	\$696.00	\$465.00	\$1,395.00
43	REMOVE AND DISPOSE OF GATE VALVE	EA	8	\$1,326.85	\$10,614.80	\$800.00	\$6,400.00	\$500.00	\$4,000.00	\$227.00	\$1,816.00	\$1,160.00	\$9,280.00
44	REMOVE AND DISPOSE OF EXISTING FIRE HYDRANT	EA	2	\$2,184.00	\$4,368.00	\$4,500.00	\$9,000.00	\$1,000.00	\$2,000.00	\$1,140.00	\$2,280.00	\$2,200.00	\$4,400.00
45	CONNECT TO EXISTING WATER LINE	EA	7	\$2,502.74	\$17,519.18	\$1,075.00	\$7,525.00	\$3,625.00	\$25,375.00	\$3,330.00	\$23,310.00	\$2,620.00	\$18,340.00
46	8" PVC C900 DR-18 WATER LINE	LF	1,877	\$39.80	\$74,704.60	\$72.48	\$136,044.96	\$116.00	\$217,732.00	\$67.70	\$127,072.90	\$50.00	\$93,850.00
47	10" PVC C900 DR-18 WATER LINE	LF	20	\$88.87	\$1,777.40	\$76.50	\$1,530.00	\$131.00	\$2,620.00	\$91.10	\$1,822.00	\$126.00	\$2,520.00
48	12" STEEL CASING	LF	18	\$113.31	\$2,039.58	\$105.50	\$1,899.00	\$79.40	\$1,429.20	\$206.00	\$3,708.00	\$140.00	\$2,520.00
49	TEMPORARY FLUSH VALVE	EA	1	\$4,158.72	\$4,158.72	\$750.00	\$750.00	\$1,184.00	\$1,184.00	\$3,070.00	\$3,070.00	\$4,500.00	\$4,500.00
50	WATER SERVICE CONNECTION LONG SIDE	EA	13	\$3,496.49	\$45,454.37	\$3,950.00	\$51,350.00	\$4,413.00	\$57,369.00	\$3,130.00	\$40,690.00	\$5,000.00	\$65,000.00
51	WATER SERVICE CONNECTION SHORT SIDE	EA	14	\$3,443.13	\$48,203.82	\$3,620.00	\$50,680.00	\$3,947.00	\$55,258.00	\$3,250.00	\$4,550.00	\$3,900.00	\$54,600.00
52	INSTALL FIRE HYDRANT	EA	5	\$6,485.46	\$32,427.30	\$7,320.00	\$36,600.00	\$8,289.00	\$41,445.00	\$8,220.00	\$41,100.00	\$8,200.00	\$41,000.00
53	8" GATE VALVE	EA	13	\$2,027.52	\$26,359.76	\$2,250.00	\$29,250.00	\$1,995.00	\$25,935.00	\$2,310.00	\$30,030.00	\$4,200.00	\$54,600.00
54	10" GATE VALVE	EA	2	\$2,635.50	\$5,271.00	\$2,600.00	\$5,200.00	\$3,115.70	\$6,231.40	\$3,230.00	\$6,460.00	\$5,100.00	\$10,200.00
55	CONNECT TO EXISTING PI LINE	EA	2	\$2,201.77	\$4,403.54	\$1,695.00	\$3,390.00	\$3,885.00	\$7,770.00	\$736.00	\$1,472.00	\$2,350.00	\$4,700.00
56	4" PVC C900 DR-18 PURPLE IRRIGATION LINE	LF	35	\$61.42	\$2,149.70	\$65.53	\$2,293.55	\$44.00	\$1,540.00	\$102.00	\$3,570.00	\$54.50	\$1,907.50
57	4" GATE VALVE	EA	1	\$1,530.85	\$1,530.85	\$900.00	\$900.00	\$1,200.00	\$1,200.00	\$1,560.00	\$1,560.00	\$3,360.00	\$3,360.00
58	NEW SEWER LATERAL SHORT SIDE	EA	3	\$2,757.41	\$8,272.23	\$2,730.00	\$8,190.00	\$2,500.00	\$7,500.00	\$3,030.00	\$9,090.00	\$4,000.00	\$12,000.00
59	NEW SEWER LATERAL LONG SIDE	EA	3	\$2,959.96	\$8,879.88	\$2,500.00	\$7,500.00	\$3,200.00	\$9,600.00	\$4,180.00	\$12,540.00	\$6,000.00	\$18,000.00
60	PULVERIZE, RE-GRADE, AND COMPACT	SF	60,365	\$0.47	\$28,371.55	\$0.65	\$39,237.25	\$0.63	\$38,029.95	\$0.59	\$35,615.35	\$0.42	\$25,353.30
61	REMOVE AND DISPOSE OF EXCESS PULVERIZED MATERIAL	CY	280	\$17.03	\$4,768.40	\$13.23	\$3,704.40	\$11.00	\$3,080.00	\$21.40	\$5,992.00	\$16.50	\$4,620.00
62	SUB-BASE REPAIR	CY	895	\$44.89	\$40,176.55	\$64.00	\$57,280.00	\$45.00	\$40,275.00	\$28.50	\$25,507.50	\$88.00	\$78,760.00
63	3" ASPHALT PATCHING - REMOVE AND REPLACE (MIDWAY CITY)	SF	750	\$14.42	\$10,815.00	\$5.35	\$4,012.50	\$4.07	\$3,052.50	\$5.00	\$3,750.00	\$11.00	\$8,250.00
64	3" ASPHALT PAVEMENT	SF	60,365	\$1.78	\$107,449.70	\$2.03	\$122,540.95	\$1.59	\$95,980.35	\$2.25	\$135,821.25	\$1.62	\$97,791.30
65	7" ASPHALT PATCHING - REMOVE AND REPLACE (UDOT SPEC)	SF	1,000	\$19.61	\$19,610.00	\$14.00	\$14,000.00	\$6.74	\$6,7				