

BID AWARD SUMMARY

LETTING DATE: November 1, 2016

PROJECT: Oak Avenue Water Main Reconstruction
Project No. 16-2351 / CIP No. 51144

RECOMMENDATION: Award Schedule 2 in the amount of \$110,196.05 to R.C.S. Construction, Inc. at the November 7, 2016 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>SCHEDULE 1</u>	<u>SCHEDULE 2</u>
R.C.S. Construction, Inc.	\$112,743.18	\$110,196.05
Mainline Contracting, Inc.	No Bid	\$115,393.75
Heavy Constructors, Inc.	\$122,190.00	No Bid
Lind Exco, Inc.	\$123,743.42	No Bid
Underground Construction, LLC.	\$128,639.40	No Bid
Quinn Construction, Inc.	\$145,514.00	No Bid
Highmark, Inc.	\$147,881.65	No Bid
Rapid Construction, Inc.	\$157,231.71	No Bid
Hills Materials Company	\$185,762.60	No Bid

City staff recommends awarding this project to R.C.S. Construction, Inc. for Schedule 2 amount of \$110,196.05 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Water
ADVERTISING AUTHORITY	\$120,000.00	\$120,000.00
ENGINEER'S ESTIMATE – SCHEDULE 1	\$124,500.00	\$
ENGINEER'S ESTIMATE – SCHEDULE 2	\$143,000.00	\$

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Water
COST CENTER		933
LINE ITEM		4281
FUNDING CENTER		602
BID AMOUNT	\$110,196.05	\$110,196.05

PROJECT MANAGER: Keith Johnson **DATE:** 11/2/16
 Keith Johnson
 City of Rapid City

PROJECT NAME: OAK AVENUE WATER MAIN RECONSTRUCTION

PROJECT NUMBER: PROJECT NO. 16-2351 / CIP NO. 51144

LET DATE: NOVEMBER 1, 2016

LOW BID AMOUNT: \$110,196.05

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.		MAINLINE CONTRACTING, INC.		HEAVY CONSTRUCTORS, INC.		LIND EXCO, INC.		UNDERGROUND CONSTRUCTION, LLC		QUINN CONSTRUCTION, INC.		HIGHMARK, INC.		RAPID CONSTRUCTION, INC.		HILLS MATERIALS COMPANY		
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST
SCHEDULE 1 OPEN CUT																								
1	MOBILIZATION	LS	1.00	\$8,212.00	\$8,212.00	\$8,220.72	\$8,220.72		\$0.00	\$14,110.29	\$14,110.29	\$6,913.53	\$6,913.53	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00	\$20,700.00	\$20,700.00	\$12,995.00	\$12,995.00	\$21,270.00	\$21,270.00	
2	INCIDENTAL	LS	1.00	\$4,000.00	\$4,000.00	\$3,213.89	\$3,213.89		\$0.00	\$10,461.42	\$10,461.42	\$9,047.65	\$9,047.65	\$5,000.00	\$5,000.00	\$2,600.00	\$2,600.00	\$15,075.00	\$15,075.00	\$14,734.11	\$14,734.11	\$17,150.00	\$17,150.00	
3	CLEARING & GRUBBING	LS	1.00	\$2,000.00	\$2,000.00	\$790.90	\$790.90		\$0.00	\$1,958.31	\$1,958.31	\$783.47	\$783.47	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$1,750.00	\$1,750.00	\$3,386.00	\$3,386.00	
4	REMOVE WATER MAIN	LF	547.00	\$6.00	\$3,282.00	\$8.79	\$4,808.13		\$0.00	\$7.50	\$4,102.50	\$11.87	\$6,492.89	\$6.00	\$3,282.00	\$5.00	\$2,735.00	\$3.00	\$1,641.00	\$10.00	\$5,470.00	\$18.25	\$9,982.75	
5	REMOVE CURB STOP AND BOX	EA	7.00	\$125.00	\$875.00	\$203.76	\$1,426.32		\$0.00	\$158.54	\$1,109.78	\$170.70	\$1,194.90	\$100.00	\$700.00	\$125.00	\$875.00	\$75.00	\$525.00	\$100.00	\$700.00	\$164.75	\$1,153.25	
6	REMOVE AC PAVEMENT	SY	29.00	\$10.00	\$290.00	\$19.97	\$579.13		\$0.00	\$18.88	\$547.52	\$9.44	\$273.76	\$15.00	\$435.00	\$15.00	\$435.00	\$6.00	\$174.00	\$8.00	\$232.00	\$21.25	\$616.25	
7	REMOVE GRAVEL DRIVEWAY	SY	34.00	\$2.00	\$68.00	\$19.97	\$678.98		\$0.00	\$28.49	\$968.66	\$10.20	\$346.80	\$6.00	\$204.00	\$15.00	\$510.00	\$1.50	\$51.00	\$5.00	\$170.00	\$19.25	\$654.50	
8	REMOVE PCC DRIVEWAY PAVEMENT	SY	90.00	\$7.00	\$630.00	\$19.97	\$1,797.30		\$0.00	\$24.06	\$2,165.40	\$9.57	\$861.30	\$8.50	\$765.00	\$15.00	\$1,350.00	\$6.50	\$585.00	\$8.00	\$720.00	\$23.50	\$2,115.00	
9	REMOVE CONCRETE CURB & GUTTER	LF	14.00	\$6.50	\$91.00	\$9.37	\$131.18		\$0.00	\$42.94	\$601.16	\$14.41	\$201.74	\$15.00	\$210.00	\$15.00	\$210.00	\$6.00	\$84.00	\$15.00	\$210.00	\$30.25	\$423.50	
10	REMOVE PCC SIDEWALK	SF	701.00	\$5.00	\$3,505.00	\$3.30	\$2,313.30		\$0.00	\$0.87	\$609.87	\$0.93	\$651.93	\$1.00	\$701.00	\$1.00	\$701.00	\$4.00	\$2,804.00	\$0.50	\$350.50	\$2.90	\$2,032.90	
11	REMOVE TREE, 10"	EA	1.00	\$500.00	\$500.00	\$199.74	\$199.74		\$0.00	\$282.99	\$282.99	\$336.76	\$336.76	\$300.00	\$300.00	\$500.00	\$500.00	\$575.00	\$575.00	\$1,210.00	\$1,210.00	\$640.00	\$640.00	
12	REMOVE TREE, 30"	EA	1.00	\$1,200.00	\$1,200.00	\$338.25	\$338.25		\$0.00	\$1,131.88	\$1,131.88	\$1,130.21	\$1,130.21	\$1,500.00	\$1,500.00	\$850.00	\$850.00	\$1,700.00	\$1,700.00	\$2,750.00	\$2,750.00	\$1,133.50	\$1,133.50	
13	AASHTO T-180 SOIL TEST	EA	1.00	\$180.00	\$180.00	\$142.77	\$142.77		\$0.00	\$169.78	\$169.78	\$199.43	\$199.43	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$165.00	\$165.00	\$186.60	\$186.60	
14	SODDING	SY	430.00	\$8.00	\$3,440.00	\$5.99	\$2,575.70		\$0.00	\$15.28	\$6,570.40	\$8.51	\$3,659.30	\$8.00	\$3,440.00	\$7.00	\$3,010.00	\$15.26	\$6,561.80	\$7.04	\$3,027.20	\$8.45	\$3,633.50	
15	IMPORTED BACKFILL MATERIAL	CY	35.00	\$12.00	\$420.00	\$8.03	\$281.05		\$0.00	\$36.33	\$1,271.55	\$17.16	\$600.60	\$15.00	\$525.00	\$20.00	\$700.00	\$18.00	\$630.00	\$21.35	\$747.25	\$40.00	\$1,400.00	
16	TYPE I BEDDING MATERIAL	T	10.00	\$23.00	\$230.00	\$23.10	\$231.00		\$0.00	\$52.92	\$529.20	\$28.60	\$286.00	\$35.00	\$350.00	\$16.00	\$160.00	\$22.50	\$225.00	\$24.70	\$247.00	\$38.00	\$380.00	
17	TYPE III BEDDING MATERIAL	T	10.00	\$26.00	\$260.00	\$24.99	\$249.90		\$0.00	\$61.11	\$611.10	\$56.25	\$562.50	\$40.00	\$400.00	\$16.00	\$160.00	\$22.25	\$222.50	\$24.80	\$248.00	\$38.00	\$380.00	
18	6" PVC WATER MAIN C-900, DR18	LF	10.00	\$60.00	\$600.00	\$46.19	\$461.90		\$0.00	\$54.51	\$545.10	\$51.57	\$515.70	\$60.00	\$600.00	\$110.00	\$1,100.00	\$90.00	\$900.00	\$57.76	\$577.60	\$79.50	\$795.00	
19	8" PVC WATER MAIN C-900, DR18, RESTRAINED JOINT	LF	547.00	\$55.00	\$30,085.00	\$57.44	\$31,419.68		\$0.00	\$32.47	\$17,761.09	\$55.91	\$30,582.77	\$53.00	\$28,991.00	\$85.00	\$46,495.00	\$58.65	\$32,081.55	\$73.62	\$40,270.14	\$65.85	\$36,019.95	
20	8" 45 DEGREE BEND	EA	2.00	\$600.00	\$1,200.00	\$442.47	\$884.94		\$0.00	\$718.89	\$1,437.78	\$534.42	\$1,068.84	\$700.00	\$1,400.00	\$650.00	\$1,300.00	\$425.00	\$850.00	\$435.74	\$871.48	\$920.00	\$1,840.00	
21	8" X 8" X 6" TEE	EA	2.00	\$1,000.00	\$2,000.00	\$610.96	\$1,221.92		\$0.00	\$766.95	\$1,533.90	\$646.27	\$1,292.54	\$725.00	\$1,450.00	\$650.00	\$1,300.00	\$575.00	\$1,150.00	\$657.59	\$1,315.18	\$1,126.50	\$2,253.00	
22	8" GATE VALVE W/ BOX	EA	2.00	\$2,000.00	\$4,000.00	\$1,870.45	\$3,740.90		\$0.00	\$1,782.50	\$3,565.00	\$2,012.96	\$4,025.92	\$1,900.00	\$3,800.00	\$2,000.00	\$4,000.00	\$2,175.00	\$4,350.00	\$1,774.37	\$3,548.74	\$2,412.00	\$4,824.00	
23	FIRE HYDRANT W/AUX VALVE 7 BOX	EA	2.00	\$6,000.00	\$12,000.00	\$5,362.12	\$10,724.24		\$0.00	\$4,421.38	\$8,842.76	\$5,255.96	\$10,511.92	\$6,600.00	\$13,200.00	\$6,300.00	\$12,600.00	\$5,510.00	\$11,020.00	\$5,910.95	\$11,821.90	\$6,296.50	\$12,593.00	
24	FLUSH MOUNTED TRACER WIRE BOX	EA	3.00	\$225.00	\$675.00	\$256.27	\$768.81		\$0.00	\$215.52	\$646.56	\$106.09	\$318.27	\$500.00	\$1,500.00	\$200.00	\$600.00	\$200.00	\$600.00	\$167.45	\$502.35	\$356.25	\$1,068.75	
25	1" COPPER SERVICE	LF	57.00	\$40.00	\$2,280.00	\$91.23	\$5,200.11		\$0.00	\$27.07	\$1,542.99	\$75.18	\$4,285.26	\$120.00	\$6,840.00	\$45.00	\$2,565.00	\$52.00	\$2,964.00	\$51.06	\$2,910.42	\$69.00	\$3,933.00	
26	1" TAPPING SLEEVE	EA	15.00	\$225.00	\$3,375.00	\$255.39	\$3,830.85		\$0.00	\$249.53	\$3,742.95	\$250.46	\$3,756.90	\$200.00	\$3,000.00	\$350.00	\$5,250.00	\$150.00	\$2,250.00	\$408.98	\$6,134.70	\$473.00	\$7,095.00	
27	1" CURB STOP & BOX	EA	7.00	\$400.00	\$2,800.00	\$356.70	\$2,496.90		\$0.00	\$361.06	\$2,527.42	\$476.86	\$3,338.02	\$535.00	\$3,745.00	\$500.00	\$3,500.00	\$375.00	\$2,625.00	\$440.97	\$3,086.79	\$995.25	\$6,966.75	
28	CONNECT TO EXISTING WATER MAIN	EA	2.00	\$1,250.00	\$2,500.00	\$978.59	\$1,957.18		\$0.00	\$286.29	\$572.58	\$886.68	\$1,773.36	\$1,000.00	\$2,000.00	\$1,400.00	\$2,800.00	\$1,500.00	\$3,000.00	\$408.18	\$816.36	\$1,680.00	\$3,360.00	

17	TYPE III BEDDING MATERIAL	T	0.00	\$26.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
18	6" PVC WATER MAIN C-900, DR18	LF	10.00	\$60.00	\$600.00	\$51.67	\$516.70	\$50.00	\$500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
19	8" PVC WATER MAIN C-900, DR18, RESTRAINED JOINT	LF	547.00	\$120.00	\$65,640.00	\$67.41	\$36,873.27	\$48.00	\$26,256.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20	8" 45 DEGREE BEND	EA	2.00	\$600.00	\$1,200.00	\$506.22	\$1,012.44	\$950.00	\$1,900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
21	8" X 8" X 6" TEE	EA	2.00	\$1,000.00	\$2,000.00	\$698.81	\$1,397.62	\$975.00	\$1,950.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	8" GATE VALVE W/ BOX	EA	2.00	\$2,000.00	\$4,000.00	\$2,159.22	\$4,318.44	\$2,100.00	\$4,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	FIRE HYDRANT W/AUX VALVE 7 BOX	EA	2.00	\$6,000.00	\$12,000.00	\$6,155.34	\$12,310.68	\$5,300.00	\$10,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
24	FLUSH MOUNTED TRACER WIRE BOX	EA	3.00	\$225.00	\$675.00	\$288.25	\$864.75	\$50.00	\$150.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	1" COPPER SERVICE	LF	57.00	\$40.00	\$2,280.00	\$101.16	\$5,766.12	\$30.00	\$1,710.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	1" TAPPING SLEEVE	EA	15.00	\$225.00	\$3,375.00	\$288.81	\$4,332.15	\$310.00	\$4,650.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
27	1" CURB STOP & BOX	EA	7.00	\$400.00	\$2,800.00	\$408.13	\$2,856.91	\$315.00	\$2,205.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
28	CONNECT TO EXISTING WATER MAIN	EA	2.00	\$1,250.00	\$2,500.00	\$1,098.95	\$2,197.90	\$2,600.00	\$5,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29	RECONNECT WATER SERVICE	EA	15.00	\$250.00	\$3,750.00	\$180.54	\$2,708.10	\$475.00	\$7,125.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
30	FLUSH MOUNTED CATHODIC CONTROL TEST STATION	EA	2.00	\$350.00	\$700.00	\$331.62	\$663.24	\$350.00	\$700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31	TEMPORARY WATER SERVICE	EA	1.00	\$10,000.00	\$10,000.00	\$1,219.63	\$1,219.63	\$12,000.00	\$12,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	EROSION AND WATER POLLUTION CONTROL	LS	1.00	\$500.00	\$500.00	\$309.19	\$309.19	\$425.00	\$425.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
33	9" WATTLES	LF	100.00	\$5.50	\$550.00	\$6.18	\$618.00	\$3.00	\$300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
34	REMOVE & RESET WATTLES	LF	25.00	\$2.00	\$50.00	\$1.93	\$48.25	\$0.75	\$18.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
35	REMOVE WATTLES	LF	100.00	\$1.25	\$125.00	\$1.93	\$193.00	\$0.75	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
36	SEDIMENT FILTER BAGS	LF	36.00	\$6.00	\$216.00	\$7.73	\$278.28	\$2.00	\$72.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
37	REMOVE & RESET SEDIMENT FILTER BAGS	LF	36.00	\$2.00	\$72.00	\$3.09	\$111.24	\$0.75	\$27.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
38	REMOVE SEDIMENT FILTER BAGS	LF	36.00	\$1.25	\$45.00	\$3.09	\$111.24	\$0.75	\$27.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
39	AGGREGATE BASE COURSE, 1"	T	15.00	\$30.00	\$450.00	\$23.94	\$359.10	\$70.00	\$1,050.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
40	GRAVEL SURFACING, TEMPORARY	T	0.00	\$30.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
41	AC, CLASS G, TYPE 1 PG64-22	T	8.00	\$200.00	\$1,600.00	\$271.42	\$2,171.36	\$180.00	\$1,440.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
42	PCC DRIVEWAY PAVEMENT, 6" NONREINFORCED	SY	12.00	\$80.00	\$960.00	\$72.42	\$869.04	\$125.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
43	CONCRETE CURB & GUTTER	LF	14.00	\$25.00	\$350.00	\$36.19	\$506.66	\$50.00	\$700.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
44	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	581.00	\$6.50	\$3,776.50	\$6.09	\$3,886.89	\$7.50	\$4,357.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
45	DETECTABLE WARNING PANEL	SF	10.00	\$35.00	\$350.00	\$35.40	\$354.00	\$37.00	\$370.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
46	TRAFFIC CONTROL	LS	1.00	\$2,000.00	\$2,000.00	\$3,037.61	\$3,037.61	\$1,350.00	\$1,350.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL SCHEDULE 2 PIPE BURSTING					\$143,000.00		\$110,196.05		\$115,393.75		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00

CITY OF RAPID CITY

Reviewed by:

Keith Johnson 11/2/16
Keith Johnson Date