

**PROJECT NAME: RESERVOIR ROAD TRUNK SEWER EXTENSION**

**PROJECT NUMBER: PROJECT NO. 15-2315 / CIP NO. 50328.1**

**LET DATE: December 19, 2017**

**LOW BID AMOUNT: \$2,199,049.41**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.		SITE WORK SPECIALISTS, INC.		HIGHMARK, INC.		LIND-EXCO, INC.		MAINLINE CONTRACTING, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1.00	\$196,632.88	\$196,632.88	\$108,419.51	\$108,419.51	\$20,000.00	\$20,000.00	\$68,500.00	\$68,500.00	\$115,344.64	\$115,344.64	\$800,000.00	\$800,000.00
2		INCIDENTAL	LS	1.00	\$201,000.00	\$201,000.00	\$66,738.41	\$66,738.41	\$75,000.00	\$75,000.00	\$100,000.00	\$100,000.00	\$144,249.13	\$144,249.13	\$958,000.00	\$958,000.00
3		CONSTRUCTION STAKING	LS	1.00	\$50,000.00	\$50,000.00	\$26,999.16	\$26,999.16	\$25,000.00	\$25,000.00	\$24,200.00	\$24,200.00	\$27,894.56	\$27,894.56	\$21,352.49	\$21,352.49
4		REESTABLISH PROPERTY CORNERS	EA	1.00	\$250.00	\$250.00	\$246.57	\$246.57	\$90.00	\$90.00	\$250.00	\$250.00	\$191.06	\$191.06	\$164.59	\$164.59
5		REMOVE & RESET CULVERT	LF	76.00	\$40.00	\$3,040.00	\$27.79	\$2,112.04	\$30.00	\$2,280.00	\$25.00	\$1,900.00	\$34.60	\$2,629.60	\$21.63	\$1,643.88
6		REMOVE CULVERT	LF	175.00	\$10.00	\$1,750.00	\$11.38	\$1,991.50	\$12.00	\$2,100.00	\$10.00	\$1,750.00	\$13.54	\$2,369.50	\$7.27	\$1,272.25
7		REMOVE GRAVEL SURFACING	SY	379.00	\$2.50	\$947.50	\$1.82	\$689.78	\$3.00	\$1,137.00	\$2.00	\$758.00	\$4.52	\$1,713.08	\$3.11	\$1,178.69
8		SAWING, ASPHALT PAVEMENT	LF	87.00	\$8.00	\$696.00	\$3.84	\$334.08	\$5.00	\$435.00	\$7.00	\$609.00	\$2.70	\$234.90	\$2.90	\$252.30
9		REMOVE AC PAVEMENT	SY	11,045.00	\$7.00	\$77,315.00	\$3.12	\$34,460.40	\$1.75	\$19,328.75	\$4.25	\$46,941.25	\$3.01	\$33,245.45	\$3.19	\$35,233.55
10		REMOVE FENCE	LF	291.00	\$6.00	\$1,746.00	\$2.19	\$637.29	\$0.90	\$261.90	\$1.15	\$334.65	\$0.96	\$279.36	\$1.05	\$305.55
11		REMOVE & RESET MAILBOX	EA	8.00	\$200.00	\$1,600.00	\$132.33	\$1,058.64	\$250.00	\$2,000.00	\$255.00	\$2,040.00	\$191.06	\$1,528.48	\$116.64	\$933.12
12		AASHTO T-180 SOIL TEST	EA	8.00	\$250.00	\$2,000.00	\$173.63	\$1,389.04	\$175.00	\$1,400.00	\$175.00	\$1,400.00	\$191.06	\$1,528.48	\$168.00	\$1,344.00
13		EXCAVATION, UNCLASSIFIED	CY	3,146.00	\$6.00	\$25,168.00	\$12.64	\$39,765.44	\$10.00	\$31,460.00	\$5.00	\$15,730.00	\$4.65	\$14,628.90	\$4.72	\$14,849.12
14		EXCAVATION, UNCLASSIFIED-DIGOUTS	CY	100.00	\$50.00	\$5,000.00	\$6.28	\$628.00	\$15.00	\$1,500.00	\$16.00	\$1,600.00	\$20.50	\$2,050.00	\$20.34	\$2,034.00
15		TOPSOIL, PLACE	CY	1,175.83	\$6.00	\$7,054.98	\$5.03	\$5,914.42	\$9.00	\$10,582.47	\$6.00	\$7,054.98	\$6.64	\$7,807.51	\$15.13	\$17,790.31
16		SEEDING, FERTILIZING, & MULCHING	SY	23,030.00	\$1.00	\$23,030.00	\$0.40	\$9,212.00	\$1.15	\$26,484.50	\$0.30	\$6,909.00	\$0.45	\$10,363.50	\$0.26	\$5,987.80
17		IMPORTED BACKFILL MATERIAL (TRENCH)	CY	500.00	\$15.00	\$7,500.00	\$7.48	\$3,740.00	\$7.00	\$3,500.00	\$6.00	\$4,000.00	\$21.28	\$10,640.00	\$11.96	\$5,980.00
18		TYPE I BEDDING MATERIAL	T	500.00	\$23.00	\$11,500.00	\$20.53	\$10,265.00	\$32.00	\$16,000.00	\$23.15	\$11,575.00	\$20.59	\$10,295.00	\$17.56	\$8,790.00
19		TYPE III FOUNDATION MATERIAL	T	2,000.00	\$25.00	\$50,000.00	\$22.26	\$44,520.00	\$34.00	\$68,000.00	\$24.00	\$48,000.00	\$35.77	\$71,540.00	\$24.46	\$48,920.00
20		TYPE IV FOUNDATION MATERIAL	T	1,000.00	\$27.00	\$27,000.00	\$27.43	\$27,430.00	\$40.00	\$40,000.00	\$28.25	\$28,250.00	\$37.62	\$37,620.00	\$29.40	\$29,400.00
21		8" PVC SEWER MAIN (16'-16')	LF	8.00	\$90.00	\$720.00	\$53.29	\$426.32	\$40.00	\$320.00	\$95.00	\$760.00	\$167.95	\$1,343.60	\$177.28	\$1,418.24

22	8" PVC SEWER MAIN (18'-20')	LF	4.00	\$95.00	\$390.00	\$67.13	\$266.52	\$51.00	\$204.00	\$100.00	\$400.00	\$216.92	\$867.68	\$177.28	\$709.12
23	8" PVC SEWER MAIN (26'-28')	LF	4.00	\$120.00	\$480.00	\$135.52	\$542.08	\$107.00	\$428.00	\$100.00	\$400.00	\$382.16	\$1,528.64	\$177.28	\$709.12
24	8" SEWER MAIN CAP	EA	4.00	\$150.00	\$600.00	\$226.70	\$906.80	\$100.00	\$400.00	\$95.00	\$380.00	\$80.59	\$322.36	\$530.93	\$2,123.72
25	CONNECT TO EXISTING SEWER MAIN	EA	1.00	\$1,500.00	\$1,500.00	\$1,035.55	\$1,035.55	\$3,000.00	\$3,000.00	\$1,800.00	\$1,800.00	\$15,729.25	\$15,729.25	\$20,070.10	\$20,070.10
26	33" SEWER MAIN (12'-14'), SN 46 FRPM	LF	776.00	\$195.00	\$151,320.00	\$185.69	\$128,575.44	\$185.00	\$143,560.00	\$185.25	\$143,754.00	\$223.64	\$173,544.64	\$203.05	\$157,566.80
27	33" SEWER MAIN (14'-16'), SN 46 FRPM	LF	429.00	\$200.00	\$85,800.00	\$172.01	\$73,792.29	\$196.00	\$84,084.00	\$188.50	\$80,866.50	\$233.89	\$100,338.81	\$207.14	\$89,863.06
28	33" SEWER MAIN (16'-18'), SN 46 FRPM	LF	586.00	\$210.00	\$123,480.00	\$175.59	\$103,246.92	\$208.00	\$122,304.00	\$205.50	\$120,834.00	\$254.47	\$149,628.36	\$225.45	\$132,564.60
29	33" SEWER MAIN (18'-20'), SN 46 FRPM	LF	853.00	\$225.00	\$191,925.00	\$189.44	\$161,592.32	\$230.00	\$196,190.00	\$208.50	\$177,850.50	\$254.49	\$217,079.97	\$224.18	\$191,225.54
30	33" SEWER MAIN (20'-22'), SN 46 FRPM	LF	830.00	\$240.00	\$199,200.00	\$206.41	\$171,320.30	\$250.00	\$207,500.00	\$225.00	\$186,750.00	\$286.83	\$238,066.90	\$255.65	\$212,189.50
31	33" SEWER MAIN (20'-22'), SN 72 FRPM	LF	761.00	\$250.00	\$190,250.00	\$216.21	\$164,535.81	\$255.00	\$194,055.00	\$256.00	\$194,816.00	\$296.31	\$225,491.91	\$261.88	\$199,290.68
32	33" SEWER MAIN (22'-24'), SN 72 FRPM	LF	105.00	\$265.00	\$27,825.00	\$228.40	\$23,982.00	\$280.00	\$29,400.00	\$275.50	\$28,927.50	\$322.57	\$33,869.85	\$263.70	\$27,688.50
33	33" SEWER MAIN (24'-26'), SN 72 FRPM	LF	82.00	\$280.00	\$22,960.00	\$260.20	\$21,336.40	\$300.00	\$24,800.00	\$320.00	\$26,240.00	\$361.91	\$29,676.62	\$276.75	\$22,693.50
34	33" SEWER MAIN (26'-28'), SN 72 FRPM	LF	731.00	\$295.00	\$215,645.00	\$295.64	\$216,112.84	\$305.00	\$222,955.00	\$400.00	\$292,400.00	\$380.98	\$263,876.38	\$264.74	\$193,524.94
35	33" SEWER MAIN (28'-30'), SN 72 FRPM	LF	251.00	\$310.00	\$77,810.00	\$321.51	\$80,699.01	\$340.00	\$85,340.00	\$405.00	\$101,655.00	\$385.03	\$91,622.53	\$265.50	\$66,640.50
36	33" FRPM SEWER MAIN CAP	EA	1.00	\$1,500.00	\$1,500.00	\$1,094.97	\$1,094.97	\$1,000.00	\$1,000.00	\$1,725.00	\$1,725.00	\$1,644.01	\$1,644.01	\$4,288.35	\$4,288.35
37	33" x 33" FRPM TEE BASE	EA	12.00	\$10,000.00	\$120,000.00	\$6,597.11	\$79,165.32	\$6,000.00	\$72,000.00	\$7,250.00	\$87,000.00	\$7,765.93	\$93,191.16	\$11,724.79	\$140,897.48
38	48" FRPM MH RISER WITH CONE	VF	169.06	\$800.00	\$135,248.00	\$541.33	\$91,517.25	\$500.00	\$84,530.00	\$605.00	\$102,281.30	\$697.89	\$117,965.28	\$808.84	\$136,708.66
39	18" RCP, CLASS III	LF	40.00	\$60.00	\$2,400.00	\$61.02	\$2,440.80	\$45.00	\$1,800.00	\$55.75	\$2,230.00	\$67.94	\$2,717.60	\$94.72	\$3,788.80
40	24" RCP, CLASS III	LF	36.00	\$75.00	\$2,850.00	\$69.61	\$2,645.18	\$55.00	\$2,090.00	\$63.25	\$2,403.50	\$76.64	\$2,912.32	\$105.11	\$3,994.16
41	21" CMP, 14 GA	LF	49.00	\$75.00	\$3,675.00	\$46.00	\$2,254.00	\$45.00	\$2,205.00	\$46.00	\$2,254.00	\$62.02	\$3,038.98	\$72.95	\$3,574.55
42	42" CMP, 14 GA	LF	48.00	\$125.00	\$6,000.00	\$73.88	\$3,546.24	\$95.00	\$4,560.00	\$86.00	\$4,128.00	\$107.38	\$5,154.24	\$111.40	\$5,347.20
43	WATER FOR DUST CONTROL	MGAL	200.00	\$25.00	\$5,000.00	\$9.93	\$1,986.00	\$60.00	\$12,000.00	\$15.00	\$3,000.00	\$36.19	\$7,238.00	\$22.28	\$4,456.00
44	SILT FENCE	LF	1,464.00	\$5.00	\$7,320.00	\$4.34	\$6,353.76	\$4.50	\$6,588.00	\$4.35	\$6,368.40	\$4.78	\$6,997.92	\$4.04	\$5,914.56
45	SEDIMENT CONTROL WATTLES, 12"	LF	3,717.00	\$5.00	\$18,585.00	\$3.47	\$12,897.99	\$3.50	\$13,009.50	\$3.85	\$14,310.45	\$3.82	\$14,198.94	\$3.57	\$13,269.69
46	AGGREGATE BASE COURSE	T	5,472.98	\$24.00	\$131,351.52	\$20.12	\$110,116.36	\$17.75	\$97,145.40	\$13.75	\$75,253.48	\$16.49	\$90,249.44	\$15.24	\$83,408.22
47	GRAVEL SURFACING	T	85.28	\$24.00	\$2,046.72	\$20.12	\$1,715.83	\$30.00	\$2,558.40	\$18.00	\$1,535.04	\$18.07	\$1,541.01	\$16.93	\$1,614.35
48	AC, CLASS E, TYPE 1 PG64-28	T	4,479.82	\$100.00	\$447,982.00	\$74.60	\$334,194.57	\$72.00	\$322,547.04	\$67.00	\$300,147.94	\$84.48	\$376,455.19	\$67.67	\$303,149.42
49	TYPE 2 ROW FENCE, SMOOTH (BARBLESS) WIRES	LF	175.00	\$12.00	\$2,100.00	\$3.47	\$607.25	\$3.50	\$612.50	\$2.75	\$481.25	\$3.82	\$668.50	\$2.52	\$441.00

50	TEMPORARY FENCE, SMOOTH (BARBLESS) WIRES	LF	725.00	\$12.00	\$8,700.00	\$3.18	\$2,305.50	\$3.25	\$2,356.25	\$1.60	\$1,160.00	\$3.50	\$2,537.50	\$1.47	\$1,065.75
51	TWO POST PANEL	EA	4.00	\$300.00	\$1,200.00	\$173.63	\$694.52	\$200.00	\$800.00	\$160.00	\$640.00	\$191.06	\$764.24	\$147.00	\$588.00
52	PAVEMENT MARKING PAINT, 4" WHITE	LF	9,866.00	\$0.40	\$3,946.40	\$0.09	\$887.94	\$0.10	\$986.60	\$0.10	\$986.60	\$0.10	\$986.60	\$0.08	\$789.28
53	PAVEMENT MARKING PAINT, 4" YELLOW	LF	1,700.00	\$0.40	\$680.00	\$0.09	\$153.00	\$0.10	\$170.00	\$0.10	\$170.00	\$0.10	\$170.00	\$0.08	\$136.00
54	OBJECT MARKER	EA	6.00	\$200.00	\$1,200.00	\$35.89	\$215.34	\$36.00	\$216.00	\$35.00	\$210.00	\$39.49	\$236.94	\$32.55	\$195.30
55	TRAFFIC CONTROL	UNIT	1,368.00	\$5.00	\$6,840.00	\$3.18	\$4,350.24	\$3.25	\$4,446.00	\$3.15	\$4,309.20	\$3.50	\$4,788.00	\$2.89	\$3,953.52
56	TRAFFIC CONTROL, MISCELLANEOUS	LS	1.00	\$8,000.00	\$8,000.00	\$4,804.02	\$4,804.02	\$5,000.00	\$5,000.00	\$4,900.00	\$4,900.00	\$5,285.95	\$5,285.95	\$4,357.50	\$4,357.50
57	TYPE 2 OBJECT MARKER, OM2-2	EA	5.00	\$50.00	\$250.00	\$35.89	\$179.45	\$36.00	\$180.00	\$35.00	\$175.00	\$39.48	\$197.40	\$32.55	\$162.75
<b>TOTAL</b>					\$2,900,000.00		\$2,199,049.41		\$2,297,700.31		\$2,345,304.54		\$2,780,101.88		\$3,994,620.14

**CONSULTANT**

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

*Chris Robinson* 12/20/17

Chris Robinson, PE Date  
HDR, Inc.

Contract awarded to R.C.S. Construction, Inc. in the amount of \$2,199,049.41 at the January 2, 2018 Council Meeting.

**CITY OF RAPID CITY**

Reviewed by:

*Michelle Lashley* 12-20-17

Michelle Lashley, PE Date