

BID AWARD SUMMARY

LETTING DATE: May 9, 2017

PROJECT: Rapid Valley Sanitary Sewer Bypass
Project No. 13-2076 / CIP No. 50911

RECOMMENDATION: Award Total Bid in the amount of \$617,171.69 to Rapid Construction, LLC at the May 15, 2017 Council Meeting.

BIDDER'S SUMMARY

CONTRACTORS

TOTAL BID

Rapid Construction, LLC.	\$617,171.69
Lind-Exco, Inc.	\$717,440.74
Mainline Contracting, Inc.	\$770,730.30
Quinn Construction, Inc.	\$795,379.40
Ladner Excavating & Trenching, LLC.	\$808,747.50
Dakota Redi-Mix, Inc.	\$833,105.85
R.C.S. Construction, Inc.	\$853,537.82
Heavy Constructors, Inc.	\$941,266.00
Highmark, Inc.	\$955,134.05

City staff recommends awarding this project to Rapid Construction, LLC. for a total bid amount of \$617,171.69 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Wastewater	Wastewater Expansion
ADVERTISING AUTHORITY	\$1,160,000.00	\$1,090,000.00	\$70,000.00
ENGINEER'S ESTIMATE	\$1,200,000.00	\$	\$

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Wastewater	Wastewater Expansion
COST CENTER		831	834
LINE ITEM		4380	4380
FUNDING CENTER		604	604
BID AMOUNT	\$617,171.69	\$617,171.69	\$0

PROJECT MANAGER: Sara Odden
Sara Odden, PE
City of Rapid City

DATE: 5/10/2017

CITY of RAPID CITY

Agenda Item Summary

Bid Opening Date: May 9, 2017	City Council Hearing: May 15, 2017
Staff Contact: Sara Odden	

Agenda Title:

Approve award of Total Bid for Rapid Valley Sanitary Sewer Bypass, Project No. 13-2076 / CIP No. 50911 opened on May 9, 2017, to the lowest responsible bidder, Rapid Construction, LLC, in the amount of \$617,171.69.

Summary:

This project is for the construction of a trunk sewer to bypass City wastewater flows from entering the Rapid Valley sewer system. The project includes approximately 1350' of 12"-15" sanitary sewer main.

Funding Source & Fiscal Impact (if applicable):

Fund	Cost Center	Fund	Cost Center
Wastewater Improvement	833		

Budgeted Not Budgeted

Recommendation:

Award: Total Base Bid in the amount of \$617,171.69 to Rapid Construction, LLC.
Notes:

City Council Options:

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Attachments & Links:

Bid Award Summary	Bid Opening Summary	Project Location Map

PROJECT NAME: Rapid Valley Sanitary Sewer Bypass

PROJECT NUMBER: PROJECT NO. 13-2076 / CIP NO. 50911

LET DATE: May 9, 2017

LOW BID AMOUNT: \$617,171.69

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		RAPID CONSTRUCTION, LLC		LIND-EXCO, INC.		MAINLINE CONTRACTING, INC.		QUINN CONSTRUCTION, INC.		LADNER EXCAVATING & TRENCHING, LLC.		DAKOTA REDI-MIX, INC.		R.C.S. CONSTRUCTION, INC.		HEAVY CONSTRUCTORS, INC.		HIGHMARK, 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	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	001.01	MOBILIZATION	LS	1.0	\$ 68,000.00	\$68,000.00	\$29,687.50	\$29,687.50	\$31,550.31	\$31,550.31	\$70,500.00	\$70,500.00	\$54,000.00	\$54,000.00	\$80,000.00	\$80,000.00	\$70,220.00	\$70,220.00	\$59,167.19	\$59,167.19	\$34,490.22	\$34,490.22	\$64,250.00	\$64,250.00
2	001.02	INCIDENTAL	LS	1.0	\$ 50,419.50	\$50,419.50	\$12,120.08	\$12,120.08	\$53,535.62	\$53,535.62	\$71,250.00	\$71,250.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$10,525.00	\$10,525.00	\$15,091.60	\$15,091.60	\$45,058.77	\$45,058.77	\$24,000.00	\$24,000.00
3	001.03	CONSTRUCTION STAKING	LS	1.0	\$ 15,650.00	\$15,650.00	\$4,326.00	\$4,326.00	\$7,310.43	\$7,310.43	\$4,350.00	\$4,350.00	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00	\$8,673.00	\$8,673.00	\$7,331.44	\$7,331.44	\$6,445.43	\$6,445.43	\$6,500.00	\$6,500.00
4	001.04	REESTABLISH PROPERTY CORNERS	EA	8.0	\$ 200.00	\$1,600.00	\$154.50	\$1,236.00	\$64.13	\$513.04	\$50.00	\$400.00	\$60.00	\$480.00	\$100.00	\$800.00	\$540.00	\$4,320.00	\$64.31	\$514.48	\$56.54	\$452.32	\$60.00	\$480.00
5	A03.01	CLEARING AND GRUBBING	LS	1.0	\$ 1,200.00	\$1,200.00	\$1,500.00	\$1,500.00	\$1,267.28	\$1,267.28	\$3,000.00	\$3,000.00	\$2,400.00	\$2,400.00	\$3,000.00	\$3,000.00	\$427.00	\$427.00	\$3,847.52	\$3,847.52	\$893.81	\$893.81	\$6,000.00	\$6,000.00
6	B01.03	REMOVE SANITARY SEWER MANHOLE	EA	3.0	\$ 965.00	\$2,895.00	\$500.00	\$1,500.00	\$594.29	\$1,782.87	\$550.00	\$1,650.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$1,025.00	\$3,075.00	\$440.86	\$1,322.58	\$424.18	\$1,272.54	\$1,100.00	\$3,300.00
7	B04.05	REMOVE SILT FENCE	LF	325.0	\$ 1.25	\$406.25	\$1.55	\$503.75	\$1.28	\$416.00	\$0.72	\$234.00	\$2.00	\$650.00	\$3.00	\$975.00	\$1.40	\$455.00	\$1.51	\$490.75	\$0.90	\$292.50	\$1.00	\$325.00
8	B05.10	REMOVE ASPHALT CONCRETE PAVEMENT	SY	515.0	\$ 5.75	\$2,961.25	\$5.00	\$2,575.00	\$4.08	\$2,101.20	\$5.00	\$2,575.00	\$3.00	\$1,545.00	\$10.00	\$5,150.00	\$4.10	\$2,111.50	\$10.20	\$5,253.00	\$4.51	\$2,322.65	\$4.25	\$2,188.75
9	B05.14	REMOVE PCC DRIVEWAY/APPROACH PAVEMENT	SY	24.0	\$ 10.00	\$240.00	\$12.00	\$288.00	\$9.92	\$238.08	\$8.00	\$192.00	\$9.00	\$216.00	\$12.00	\$288.00	\$10.30	\$247.20	\$10.20	\$244.80	\$21.20	\$508.80	\$18.00	\$432.00
10	B05.18	REMOVE CONCRETE CURB AND GUTTER	LF	88.0	\$ 5.00	\$440.00	\$5.00	\$440.00	\$9.82	\$864.16	\$2.00	\$176.00	\$3.00	\$264.00	\$20.00	\$1,760.00	\$4.10	\$360.80	\$5.52	\$485.76	\$5.81	\$511.28	\$12.00	\$1,056.00
11	B05.22	REMOVE CONCRETE DRAIN PAN	SY	18.0	\$ 22.00	\$396.00	\$12.00	\$216.00	\$12.39	\$223.02	\$7.00	\$126.00	\$12.00	\$216.00	\$12.00	\$216.00	\$10.30	\$185.40	\$10.20	\$183.60	\$20.88	\$375.84	\$18.00	\$324.00
12	B05.25	REMOVE PCC SIDEWALK	SF	266.0	\$ 2.50	\$665.00	\$1.00	\$266.00	\$2.83	\$752.78	\$0.75	\$199.50	\$1.50	\$399.00	\$3.00	\$798.00	\$1.20	\$319.20	\$1.04	\$276.64	\$1.11	\$295.26	\$4.00	\$1,064.00
13	B06.01	REMOVE FENCE	LF	84.0	\$ 0.75	\$63.00	\$2.06	\$173.04	\$0.45	\$37.80	\$2.00	\$168.00	\$5.00	\$420.00	\$3.00	\$252.00	\$2.55	\$214.20	\$2.57	\$215.88	\$1.70	\$142.80	\$24.00	\$2,016.00
14	B06.06	REMOVE AND RESET MAILBOX	EA	2.0	\$ 210.00	\$420.00	\$257.50	\$515.00	\$96.19	\$192.38	\$110.00	\$220.00	\$330.00	\$660.00	\$300.00	\$600.00	\$87.15	\$174.30	\$206.67	\$413.34	\$246.15	\$492.30	\$200.00	\$400.00
15	B08.04	REMOVE AND RESET SIGN	EA	2.0	\$ 125.00	\$250.00	\$103.00	\$206.00	\$128.25	\$256.50	\$105.00	\$210.00	\$110.00	\$220.00	\$300.00	\$600.00	\$87.15	\$174.30	\$128.62	\$257.24	\$113.08	\$226.16	\$115.00	\$230.00
16	C01.01	AASHTO 1-180 SOIL TEST	EA	8.0	\$ 195.00	\$1,560.00	\$154.50	\$1,236.00	\$192.38	\$1,539.04	\$125.00	\$1,000.00	\$175.00	\$1,400.00	\$200.00	\$1,600.00	\$172.00	\$1,376.00	\$192.93	\$1,543.44	\$162.58	\$1,300.64	\$155.00	\$1,240.00
17	C02.01	EXCAVATION, UNCLASSIFIED	CY	43,775.0	\$ 6.00	\$262,650.00	\$1.75	\$76,606.25	\$1.82	\$79,670.50	\$2.90	\$126,947.50	\$3.00	\$131,325.00	\$3.50	\$153,212.50	\$2.60	\$113,815.00	\$2.23	\$97,618.25	\$3.85	\$168,533.75	\$5.50	\$240,762.50
18	C02.09	EXCAVATION, UNDERCUT	CY	346.0	\$ 10.00	\$3,460.00	\$2.50	\$865.00	\$4.66	\$1,612.36	\$7.00	\$2,422.00	\$3.00	\$1,038.00	\$10.00	\$3,460.00	\$7.70	\$2,664.20	\$5.61	\$1,941.06	\$10.29	\$3,580.34	\$8.50	\$2,941.00
19	C07.03	TOPSOIL, SALVAGE	CY	5,570.0	\$ 4.00	\$22,280.00	\$1.65	\$9,190.50	\$1.09	\$6,071.30	\$0.91	\$5,068.70	\$1.75	\$9,747.50	\$2.00	\$11,140.00	\$1.30	\$7,241.00	\$2.76	\$15,373.20	\$6.14	\$34,199.80	\$5.00	\$27,850.00
20	C07.04	TOPSOIL, STOCKPILE AND REPLACE	CY	5,570.0	\$ 13.00	\$72,410.00	\$1.75	\$9,747.50	\$1.75	\$9,747.50	\$1.32	\$7,352.40	\$2.00	\$11,140.00	\$2.00	\$11,140.00	\$1.50	\$8,355.00	\$2.76	\$15,373.20	\$6.59	\$36,706.30	\$4.00	\$22,280.00
21	C07.05	SODDING	SY	115.0	\$ 7.75	\$891.25	\$7.21	\$829.15	\$8.98	\$1,032.70	\$7.00	\$805.00	\$5.00	\$575.00	\$10.00	\$1,150.00	\$8.90	\$1,023.50	\$9.01	\$1,036.15	\$5.94	\$683.10	\$6.00	\$690.00
22	C08.03.01	SEEDING, FERTILIZING & MULCHING, IRRIGATED LAWN MIX	SY	127.0	\$ 2.25	\$285.75	\$1.39	\$176.53	\$1.73	\$219.71	\$5.50	\$698.50	\$0.70	\$88.90	\$3.00	\$381.00	\$1.70	\$215.90	\$1.74	\$220.98	\$1.02	\$129.54	\$1.05	\$133.35
23	C08.03.02	SEEDING, FERTILIZING & MULCHING, NON-IRRIGATED LAWN MIX	SY	33,530.0	\$ 2.15	\$72,089.50	\$0.28	\$9,388.40	\$0.35	\$11,735.50	\$0.24	\$8,047.20	\$0.70	\$23,471.00	\$1.00	\$33,530.00	\$0.35	\$11,735.50	\$0.34	\$11,400.20	\$1.00	\$33,530.00	\$1.00	\$33,530.00
24	D07.01	WATER AND SEWER MAIN INSULATION	SF	40.0	\$ 10.00	\$400.00	\$2.60	\$104.00	\$5.47	\$218.80	\$5.00	\$200.00	\$10.00	\$400.00	\$10.00	\$400.00	\$7.00	\$280.00	\$10.13	\$405.20	\$30.07	\$1,202.80	\$24.00	\$960.00
25	D08.01	CONTROLLED LOW STRENGTH MATERIAL	CY	20.0	\$ 150.00	\$3,000.00	\$133.05	\$2,661.00	\$138.63	\$2,772.60	\$90.00	\$1,800.00	\$200.00	\$4,000.00	\$120.00	\$2,400.00	\$122.00	\$2,440.00	\$128.22	\$2,564.40	\$159.31	\$3,186.20	\$175.00	\$3,500.00
26	D09.01	TYPE I BEDDING MATERIAL	T	50.0	\$ 25.00	\$1,250.00	\$16.59	\$829.50	\$20.46	\$1,023.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$20.50	\$1,025.00	\$26.45	\$1,322.50	\$37.92	\$1,896.00	\$23.00	\$1,150.00
27	D10.02	TYPE III FOUNDATION MATERIAL	T	50.0	\$ 29.00	\$1,450.00	\$18.73	\$936.50	\$28.47	\$1,423.50	\$35.00	\$1,750.00	\$30.00	\$1,500.00	\$30.00	\$1,500.00	\$22.50	\$1,125.00	\$28.48	\$1,424.00	\$39.47	\$1,973.50	\$25.00	\$1,250.00
28	D10.03	TYPE IV FOUNDATION MATERIAL	T	50.0	\$ 30.00	\$1,500.00	\$24.08	\$1,204.00	\$39.48	\$1,974.00	\$35.00	\$1,750.00	\$30.00	\$1,500.00	\$30.00	\$1,500.00	\$28.60	\$1,430.00	\$34.57	\$1,728.50	\$42.55	\$2,127.50	\$30.00	\$1,500.00

29	E02.03	8" PVC SEWER MAIN (8'-10')	LF	24.0	\$ 55.00	\$1,320.00	\$26.43	\$634.32	\$26.29	\$630.96	\$48.00	\$1,152.00	\$35.00	\$840.00	\$23.00	\$552.00	\$42.00	\$1,008.00	\$32.38	\$777.12	\$47.75	\$1,146.00	\$55.00	\$1,320.00
30	E02.06	8" PVC SEWER MAIN (14'-16')	LF	12.0	\$ 75.00	\$900.00	\$26.43	\$317.16	\$32.56	\$390.72	\$49.00	\$588.00	\$35.00	\$420.00	\$25.00	\$300.00	\$50.35	\$604.20	\$36.43	\$437.16	\$47.83	\$573.96	\$65.00	\$780.00
31	E04.02	12" PVC SEWER MAIN (0'-8')	LF	160.0	\$ 60.00	\$9,600.00	\$32.60	\$5,216.00	\$31.58	\$5,052.80	\$35.00	\$5,600.00	\$35.00	\$5,600.00	\$27.00	\$4,320.00	\$45.45	\$7,272.00	\$34.73	\$5,556.80	\$26.95	\$4,312.00	\$44.65	\$7,144.00
32	E04.03	12" PVC SEWER MAIN (8'-10')	LF	216.0	\$ 62.00	\$13,392.00	\$32.60	\$7,041.60	\$32.80	\$7,084.80	\$36.00	\$7,776.00	\$35.00	\$7,560.00	\$29.00	\$6,264.00	\$49.70	\$10,735.20	\$36.12	\$7,801.92	\$29.58	\$6,389.28	\$45.00	\$9,720.00
33	E04.04	12" PVC SEWER MAIN (10'-12')	LF	90.0	\$ 64.00	\$5,760.00	\$34.04	\$3,063.60	\$35.25	\$3,172.50	\$38.00	\$3,420.00	\$35.00	\$3,150.00	\$31.00	\$2,790.00	\$57.75	\$5,197.50	\$38.95	\$3,505.50	\$29.58	\$2,662.20	\$47.00	\$4,230.00
34	E04.05	12" PVC SEWER MAIN (12'-14')	LF	80.0	\$ 66.00	\$5,280.00	\$37.93	\$3,034.40	\$38.93	\$3,114.40	\$42.00	\$3,360.00	\$38.00	\$3,040.00	\$33.00	\$2,640.00	\$65.60	\$5,248.00	\$42.55	\$3,404.00	\$31.69	\$2,535.20	\$51.00	\$4,080.00
35	E04.06	12" PVC SEWER MAIN (14'-16')	LF	85.0	\$ 68.00	\$5,780.00	\$37.93	\$3,224.05	\$38.91	\$3,307.35	\$48.00	\$4,080.00	\$45.00	\$3,825.00	\$35.00	\$2,975.00	\$75.20	\$6,392.00	\$50.16	\$4,263.60	\$34.88	\$2,964.80	\$52.00	\$4,420.00
36	E04.07	12" PVC SEWER MAIN (16'-18')	LF	80.0	\$ 75.00	\$6,000.00	\$42.60	\$3,408.00	\$38.93	\$3,114.40	\$58.00	\$4,640.00	\$60.00	\$4,800.00	\$37.00	\$2,960.00	\$86.50	\$6,920.00	\$57.12	\$4,569.60	\$41.23	\$3,298.40	\$53.00	\$4,240.00
37	E04.08	12" PVC SEWER MAIN (18'-20')	LF	95.0	\$ 80.00	\$7,600.00	\$49.60	\$4,712.00	\$38.92	\$3,697.40	\$64.00	\$6,080.00	\$62.00	\$5,890.00	\$39.00	\$3,705.00	\$99.00	\$9,405.00	\$72.16	\$6,855.20	\$46.79	\$4,445.05	\$55.00	\$5,225.00
38	E04.09	12" PVC SEWER MAIN (20'-22')	LF	165.0	\$ 85.00	\$14,025.00	\$49.60	\$8,184.00	\$38.92	\$6,421.80	\$70.00	\$11,550.00	\$65.00	\$10,725.00	\$43.00	\$7,095.00	\$118.00	\$19,470.00	\$92.13	\$15,201.45	\$56.05	\$9,248.25	\$58.00	\$9,570.00
39	E04.10	12" PVC SEWER MAIN (22'-24')	LF	375.0	\$ 95.00	\$35,625.00	\$61.27	\$22,976.25	\$48.09	\$18,033.75	\$72.00	\$27,000.00	\$76.00	\$28,500.00	\$48.00	\$18,000.00	\$118.00	\$44,250.00	\$115.23	\$43,211.25	\$74.22	\$27,832.50	\$65.00	\$24,375.00
40	E14.01	4" PVC SEWER SERVICE LINE	LF	120.0	\$ 42.00	\$5,040.00	\$40.28	\$4,833.60	\$26.99	\$3,238.80	\$22.00	\$2,640.00	\$30.00	\$3,600.00	\$40.00	\$4,800.00	\$59.00	\$7,080.00	\$35.08	\$4,209.60	\$57.87	\$6,944.40	\$40.00	\$4,800.00
41	E15.01	STANDARD MANHOLE, 48"	EA	4.0	\$ 4,350.00	\$17,400.00	\$2,822.76	\$11,291.04	\$3,738.46	\$14,953.84	\$3,845.00	\$15,380.00	\$4,400.00	\$17,600.00	\$3,200.00	\$12,800.00	\$3,605.00	\$14,420.00	\$4,583.52	\$18,334.08	\$4,888.84	\$19,555.36	\$6,450.00	\$25,800.00
42	E15.02	STANDARD MANHOLE, 60"	EA	1.0	\$ 6,700.00	\$6,700.00	\$3,519.70	\$3,519.70	\$6,502.95	\$6,502.95	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00	\$6,132.00	\$6,132.00	\$7,712.49	\$7,712.49	\$9,123.28	\$9,123.28	\$9,370.00	\$9,370.00
43	E17.01	TERMINATION MANHOLE, 48"	EA	1.0	\$ 4,250.00	\$4,250.00	\$2,821.69	\$2,821.69	\$3,361.97	\$3,361.97	\$3,845.00	\$3,845.00	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00	\$3,192.00	\$3,192.00	\$4,170.72	\$4,170.72	\$4,518.08	\$4,518.08	\$6,390.00	\$6,390.00
44	E19.01	EXTRA MANHOLE DEPTH, 48"	VF	36.3	\$ 350.00	\$12,705.00	\$355.22	\$12,894.48	\$262.36	\$9,523.66	\$410.00	\$14,883.00	\$300.00	\$10,890.00	\$100.00	\$3,630.00	\$298.00	\$10,817.40	\$751.66	\$27,285.26	\$163.46	\$5,933.59	\$300.00	\$10,890.00
45	E19.02	EXTRA MANHOLE DEPTH, 60"	VF	3.3	\$ 420.00	\$1,386.00	\$510.15	\$1,683.50	\$522.97	\$1,725.80	\$460.00	\$1,518.00	\$600.00	\$1,980.00	\$350.00	\$1,155.00	\$510.00	\$1,683.00	\$1,314.79	\$4,338.81	\$585.49	\$1,932.12	\$450.00	\$1,485.00
46	E21.01	4" PVC SEWER CLEANOUT	EA	2.0	\$ 288.00	\$576.00	\$181.98	\$363.96	\$79.58	\$159.16	\$150.00	\$300.00	\$150.00	\$300.00	\$250.00	\$500.00	\$310.00	\$620.00	\$471.39	\$942.78	\$135.72	\$271.44	\$350.00	\$700.00
47	E24.02	CONNECT TO EXISTING SANITARY SEWER MAIN	EA	5.0	\$ 1,125.00	\$5,625.00	\$80.59	\$402.95	\$734.54	\$3,672.70	\$500.00	\$2,500.00	\$2,000.00	\$10,000.00	\$1,000.00	\$5,000.00	\$423.00	\$2,115.00	\$723.39	\$3,616.95	\$2,589.72	\$12,948.60	\$1,100.00	\$5,500.00
48	E24.03	CONNECT NEW SEWER SERVICE	EA	1.0	\$ 412.00	\$412.00	\$338.04	\$338.04	\$147.16	\$147.16	\$3,200.00	\$3,200.00	\$500.00	\$500.00	\$250.00	\$250.00	\$132.00	\$132.00	\$704.07	\$704.07	\$2,906.67	\$2,906.67	\$1,000.00	\$1,000.00
49	E24.04	RECONNECT SEWER SERVICE	EA	1.0	\$ 300.00	\$300.00	\$338.04	\$338.04	\$147.16	\$147.16	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$198.00	\$198.00	\$729.74	\$729.74	\$905.55	\$905.55	\$300.00	\$300.00
50	E28.01	BYPASS PUMPING	LS	1.0	\$ 6,000.00	\$6,000.00	\$2,030.00	\$2,030.00	\$5,728.16	\$5,728.16	\$650.00	\$650.00	\$6,500.00	\$6,500.00	\$10,000.00	\$10,000.00	\$848.00	\$848.00	\$4,482.84	\$4,482.84	\$4,398.00	\$4,398.00	\$7,500.00	\$7,500.00
51	E29.01	8" SEWER MAIN CAP	EA	2.0	\$ 175.00	\$350.00	\$67.71	\$135.42	\$72.28	\$144.56	\$20.00	\$40.00	\$40.00	\$80.00	\$100.00	\$200.00	\$233.00	\$466.00	\$171.87	\$343.74	\$273.51	\$547.02	\$75.00	\$150.00
52	E30.02	12" X 8" ECCENTRIC REDUCER	EA	1.0	\$ 350.00	\$350.00	\$227.23	\$227.23	\$275.95	\$275.95	\$300.00	\$300.00	\$300.00	\$300.00	\$500.00	\$500.00	\$322.00	\$322.00	\$409.00	\$409.00	\$302.82	\$302.82	\$500.00	\$500.00
53	F01.01	6" PVC WATER MAIN, C-900, DR 18	LF	21.0	\$ 50.00	\$1,050.00	\$29.29	\$615.09	\$49.44	\$1,038.24	\$44.00	\$924.00	\$48.00	\$1,008.00	\$20.00	\$420.00	\$35.90	\$763.90	\$43.94	\$922.74	\$35.48	\$745.08	\$65.00	\$1,365.00
54	F01.05	8" PVC WATER MAIN, C-900, DR 18	LF	102.0	\$ 55.00	\$5,610.00	\$35.53	\$3,624.06	\$41.48	\$4,230.96	\$36.00	\$3,672.00	\$48.00	\$4,896.00	\$30.00	\$3,060.00	\$51.40	\$5,242.80	\$50.41	\$5,141.82	\$34.63	\$3,532.26	\$65.00	\$6,630.00
55	F01.13	12" PVC WATER MAIN, C-900, DR 18	LF	1,224.0	\$ 70.00	\$85,680.00	\$49.77	\$60,918.48	\$57.75	\$70,686.00	\$43.00	\$52,632.00	\$46.00	\$56,304.00	\$45.00	\$55,080.00	\$56.20	\$68,788.80	\$72.50	\$88,740.00	\$58.59	\$71,714.16	\$57.00	\$69,768.00
56	F06.17	12" 11.25 DEGREE BEND	EA	4.0	\$ 1,000.00	\$4,000.00	\$461.06	\$1,844.24	\$740.33	\$2,961.32	\$800.00	\$3,200.00	\$650.00	\$2,600.00	\$600.00	\$2,400.00	\$945.00	\$3,780.00	\$733.81	\$2,935.24	\$765.11	\$3,060.44	\$845.00	\$3,380.00
57	F06.19	12" 45 DEGREE BEND	EA	2.0	\$ 1,050.00	\$2,100.00	\$494.03	\$988.06	\$782.41	\$1,564.82	\$800.00	\$1,600.00	\$650.00	\$1,300.00	\$600.00	\$1,200.00	\$987.00	\$1,974.00	\$780.71	\$1,561.42	\$802.58	\$1,605.16	\$880.00	\$1,760.00
58	F06.20	12" 90 DEGREE BEND	EA	1.0	\$ 1,125.00	\$1,125.00	\$530.03	\$530.03	\$828.33	\$828.33	\$800.00	\$800.00	\$700.00	\$700.00	\$700.00	\$700.00	\$1,030.00	\$1,030.00	\$831.85	\$831.85	\$843.39	\$843.39	\$925.00	\$925.00
59	F07.09	12" X 8" CROSS	EA	1.0	\$ 1,750.00	\$1,750.00	\$848.38	\$848.38	\$1,086.54	\$1,086.54	\$1,125.00	\$1,125.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$1,508.00	\$1,508.00	\$1,120.68	\$1,120.68	\$1,351.30	\$1,351.30	\$1,270.00	\$1,270.00
60	F10.02	6" HIGH DEFLECTION COUPLING	EA	3.0	\$ 460.00	\$1,380.00	\$258.64	\$775.92	\$227.34	\$682.02	\$260.00	\$780.00	\$400.00	\$1,200.00	\$300.00	\$900.00	\$421.00	\$1,263.00	\$298.62	\$895.86	\$281.72	\$845.16	\$375.00	\$1,125.00
61	F10.05	12" HIGH DEFLECTION COUPLING	EA	3.0	\$ 850.00	\$2,550.00	\$480.75	\$1,442.25	\$765.46	\$2,296.38	\$450.00	\$1,350.00	\$650.00	\$1,950.00	\$500.00	\$1,500.00	\$610.00	\$1,830.00	\$737.79	\$2,213.37	\$534.09	\$1,602.27	\$715.00	\$2,145.00
62	F11.03	8" MJ PLUG	EA	2.0	\$ 650.00	\$1,300.00	\$155.89	\$311.78	\$389.76	\$779.52	\$525.00	\$1,050.00	\$250.00	\$500.00	\$400.00	\$800.00	\$548.00	\$1,096.00	\$220.88	\$441.76	\$373.68	\$747.36	\$490.00	\$980.00
63	F11.05	12" MJ PLUG	EA	1.0	\$ 700.00	\$700.00	\$194.59	\$194.59	\$432.09	\$432.09	\$550.00	\$550.00	\$400.00	\$400.00	\$500.00	\$500.00	\$700.00	\$700.00	\$297.21	\$297.21	\$389.32	\$389.32	\$530.00	\$530.00

64	F13.05	8" X 8" X 6" TEE	EA	1.0	\$ 850.00	\$850.00	\$406.97	\$406.97	\$639.38	\$639.38	\$725.00	\$725.00	\$550.00	\$550.00	\$500.00	\$500.00	\$746.00	\$746.00	\$612.35	\$612.35	\$675.23	\$675.23	\$660.00	\$660.00
65	F13.12	12" X 12" X 6" TEE	EA	3.0	\$ 1,075.00	\$3,225.00	\$590.85	\$1,772.55	\$923.75	\$2,771.25	\$900.00	\$2,700.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$1,086.00	\$3,258.00	\$898.49	\$2,695.47	\$985.61	\$2,956.83	\$1,110.00	\$3,330.00
66	F13.15	12" X 12" X 12" TEE	EA	1.0	\$ 1,400.00	\$1,400.00	\$772.29	\$772.29	\$1,123.46	\$1,123.46	\$1,075.00	\$1,075.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,291.00	\$1,291.00	\$1,129.92	\$1,129.92	\$1,163.38	\$1,163.38	\$1,325.00	\$1,325.00
67	F15.03	8" GATE VALVE	EA	2.0	\$ 2,125.00	\$4,250.00	\$1,221.13	\$2,442.26	\$1,607.78	\$3,215.56	\$1,375.00	\$2,750.00	\$1,500.00	\$3,000.00	\$2,000.00	\$4,000.00	\$1,930.00	\$3,860.00	\$1,831.96	\$3,663.92	\$1,363.20	\$2,726.40	\$1,610.00	\$3,220.00
68	F15.05	12" GATE VALVE	EA	7.0	\$ 3,400.00	\$23,800.00	\$2,048.02	\$14,336.14	\$2,649.17	\$18,544.19	\$2,395.00	\$16,765.00	\$2,300.00	\$16,100.00	\$2,800.00	\$19,600.00	\$2,758.00	\$19,306.00	\$3,116.91	\$21,818.37	\$2,347.36	\$16,431.52	\$2,950.00	\$20,650.00
69	F17.01	FIRE HYDRANT, W/AUX VALVE, BOX AND LEAD	EA	4.0	\$ 6,100.00	\$24,400.00	\$4,434.54	\$17,738.16	\$4,408.87	\$17,635.48	\$4,300.00	\$17,200.00	\$4,500.00	\$18,000.00	\$4,800.00	\$19,200.00	\$5,350.00	\$21,400.00	\$5,340.64	\$21,362.56	\$4,714.42	\$18,857.68	\$5,500.00	\$22,000.00
70	F20.01	1" COPPER SERVICE	LF	56.0	\$ 52.00	\$2,912.00	\$29.43	\$1,648.08	\$42.82	\$2,397.92	\$38.00	\$2,128.00	\$20.00	\$1,120.00	\$25.00	\$1,400.00	\$34.80	\$1,948.80	\$43.35	\$2,427.60	\$51.64	\$2,891.84	\$30.00	\$1,680.00
71	F23.01	1" TAPPING SADDLE	EA	1.0	\$ 250.00	\$250.00	\$402.42	\$402.42	\$375.43	\$375.43	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$268.00	\$268.00	\$982.78	\$982.78	\$211.03	\$211.03	\$200.00	\$200.00
72	F24.01	1" CURB STOP AND BOX	EA	1.0	\$ 405.00	\$405.00	\$312.84	\$312.84	\$289.50	\$289.50	\$280.00	\$280.00	\$400.00	\$400.00	\$250.00	\$250.00	\$338.00	\$338.00	\$402.88	\$402.88	\$416.34	\$416.34	\$350.00	\$350.00
73	F26.01	CONNECT TO EXISTING WATER MAIN	EA	2.0	\$ 1,650.00	\$3,300.00	\$567.04	\$1,134.08	\$874.60	\$1,749.20	\$2,500.00	\$5,000.00	\$2,800.00	\$5,600.00	\$2,000.00	\$4,000.00	\$1,901.00	\$3,802.00	\$958.84	\$1,917.68	\$3,085.66	\$6,171.32	\$1,500.00	\$3,000.00
74	F26.02	CONNECT NEW WATER SERVICE	EA	1.0	\$ 510.00	\$510.00	\$98.48	\$98.48	\$401.34	\$401.34	\$675.00	\$675.00	\$400.00	\$400.00	\$250.00	\$250.00	\$148.00	\$148.00	\$1,034.55	\$1,034.55	\$432.10	\$432.10	\$525.00	\$525.00
75	F34.02	FLUSH MOUNTED TEST STATION	EA	4.0	\$ 475.00	\$1,900.00	\$247.71	\$990.84	\$181.48	\$725.92	\$315.00	\$1,260.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00	\$356.00	\$1,424.00	\$351.91	\$1,407.64	\$240.90	\$963.60	\$500.00	\$2,000.00
76	F34.03	TRACER WIRE ACCESS BOX	EA	6.0	\$ 195.00	\$1,170.00	\$89.58	\$537.48	\$100.20	\$601.20	\$25.00	\$150.00	\$400.00	\$2,400.00	\$50.00	\$300.00	\$251.00	\$1,506.00	\$211.13	\$1,266.78	\$146.44	\$878.64	\$300.00	\$1,800.00
77	G01.26	72" RCP, CLASS II	LF	234.0	\$ 335.00	\$78,390.00	\$334.39	\$78,247.26	\$383.10	\$89,645.40	\$315.00	\$73,710.00	\$340.00	\$79,560.00	\$310.00	\$72,540.00	\$375.00	\$87,750.00	\$400.86	\$93,801.24	\$355.99	\$83,301.66	\$314.00	\$73,476.00
78	G06.12	72" RCP FLARED END	EA	1.0	\$ 2,780.00	\$2,780.00	\$2,943.25	\$2,943.25	\$3,642.44	\$3,642.44	\$3,200.00	\$3,200.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$4,236.00	\$4,236.00	\$4,566.87	\$4,566.87	\$3,887.87	\$3,887.87	\$3,150.00	\$3,150.00
79	G26.02.01	PIPE CULVERT UNDERCUT	CY	230.0	\$ 14.00	\$3,220.00	\$3.00	\$690.00	\$4.66	\$1,071.80	\$15.00	\$3,450.00	\$9.00	\$2,070.00	\$20.00	\$4,600.00	\$7.80	\$1,794.00	\$6.45	\$1,483.50	\$29.80	\$6,854.00	\$36.00	\$8,280.00
80		PRECAST CONCRETE AREA INLET	EA	1.0	\$ 30,000.00	\$30,000.00	\$37,446.79	\$37,446.79	\$38,804.73	\$38,804.73	\$31,000.00	\$31,000.00	\$35,000.00	\$35,000.00	\$30,000.00	\$30,000.00	\$38,447.00	\$38,447.00	\$39,213.11	\$39,213.11	\$31,656.81	\$31,656.81	\$29,050.00	\$29,050.00
81		TRASH GUARD FOR FLARED END SECTIONS	EA	1.0	\$ 4,600.00	\$4,600.00	\$2,360.97	\$2,360.97	\$3,084.18	\$3,084.18	\$2,250.00	\$2,250.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$2,967.00	\$2,967.00	\$3,164.35	\$3,164.35	\$2,735.03	\$2,735.03	\$2,600.00	\$2,600.00
82	H01.01	EROSION AND WATER POLLUTION CONTROL	LS	1.0	\$ 7,000.00	\$7,000.00	\$1,500.00	\$1,500.00	\$1,971.48	\$1,971.48	\$700.00	\$700.00	\$4,200.00	\$4,200.00	\$3,000.00	\$3,000.00	\$7,432.00	\$7,432.00	\$2,098.87	\$2,098.87	\$5,690.58	\$5,690.58	\$5,800.00	\$5,800.00
83	H02.09	CLASS III RIP RAP	CY	212.0	\$ 120.00	\$25,440.00	\$49.71	\$10,538.52	\$67.99	\$14,413.88	\$42.00	\$8,904.00	\$70.00	\$14,840.00	\$60.00	\$12,720.00	\$54.00	\$11,448.00	\$69.30	\$14,691.60	\$117.46	\$24,901.52	\$50.00	\$10,600.00
84	H07.01	TYPE II EROSION CONTROL BLANKET	SY	2,860.0	\$ 4.00	\$11,440.00	\$1.80	\$5,148.00	\$2.24	\$6,406.40	\$1.80	\$5,148.00	\$3.00	\$8,580.00	\$3.00	\$8,580.00	\$2.25	\$6,435.00	\$2.25	\$6,435.00	\$2.21	\$6,320.60	\$2.20	\$6,292.00
85	H07.02	TYPE III EROSION CONTROL BLANKET	SY	640.0	\$ 6.00	\$3,840.00	\$1.80	\$1,152.00	\$2.24	\$1,433.60	\$1.80	\$1,152.00	\$3.00	\$1,920.00	\$3.00	\$1,920.00	\$2.25	\$1,440.00	\$2.25	\$1,440.00	\$4.52	\$2,892.80	\$4.50	\$2,880.00
86	H09.03	GRAVEL FILTER SOCKS	LF	72.0	\$ 6.50	\$468.00	\$10.30	\$741.60	\$13.66	\$983.52	\$5.00	\$360.00	\$5.50	\$396.00	\$5.00	\$360.00	\$12.70	\$914.40	\$12.86	\$925.92	\$5.09	\$366.48	\$5.10	\$367.20
87	H13.01	VEHICLE TRACKING CONTROL	EA	2.0	\$ 1,300.00	\$2,600.00	\$1,608.13	\$3,216.26	\$1,033.41	\$2,066.82	\$365.00	\$730.00	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00	\$2,130.00	\$4,260.00	\$1,218.57	\$2,437.14	\$2,466.01	\$4,932.02	\$2,000.00	\$4,000.00
88	H13.02	ADDITIONAL VEHICLE TRACKING CONTROL ROCK	T	50.0	\$ 28.00	\$1,400.00	\$22.76	\$1,138.00	\$28.82	\$1,441.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$50.00	\$2,500.00	\$49.20	\$2,460.00	\$30.47	\$1,523.50	\$30.66	\$1,533.00	\$24.00	\$1,200.00
89	H15.01	SEDIMENT CONTROL WATTLE	LF	2,660.0	\$ 5.00	\$13,300.00	\$2.83	\$7,527.80	\$2.89	\$7,687.40	\$2.80	\$7,448.00	\$3.50	\$9,310.00	\$5.00	\$13,300.00	\$3.50	\$9,310.00	\$3.53	\$9,389.80	\$5.37	\$14,284.20	\$5.35	\$14,231.00
90	H16.03	PERIMETER PROTECTION	LF	1,235.0	\$ 4.00	\$4,940.00	\$3.61	\$4,458.35	\$2.89	\$3,569.15	\$3.50	\$4,322.50	\$2.00	\$2,470.00	\$5.00	\$6,175.00	\$4.45	\$5,495.75	\$4.50	\$5,557.50	\$5.37	\$6,631.95	\$5.35	\$6,607.25
91	H18.01	SURFACING ROUGHENING	AC	3.0	\$ 2,000.00	\$6,000.00	\$1,000.00	\$3,000.00	\$850.00	\$2,550.00	\$135.00	\$405.00	\$500.00	\$1,500.00	\$800.00	\$2,400.00	\$354.00	\$1,062.00	\$827.54	\$2,482.62	\$1,119.55	\$3,358.65	\$225.00	\$675.00
92	I01.06	AGGREGATE BASE COURSE, 1"	T	778.0	\$ 29.00	\$22,562.00	\$18.95	\$14,743.10	\$20.11	\$15,645.58	\$22.50	\$17,505.00	\$24.00	\$18,872.00	\$28.00	\$21,784.00	\$26.45	\$20,578.10	\$22.21	\$17,279.38	\$29.00	\$22,562.00	\$21.00	\$16,338.00
93	I02.02	GRAVEL SURFACING, PERMANENT	T	59.5	\$ 28.00	\$1,666.00	\$19.45	\$1,157.28	\$22.99	\$1,367.91	\$20.00	\$1,190.00	\$33.00	\$1,963.50	\$28.00	\$1,666.00	\$23.00	\$1,368.50	\$24.91	\$1,482.15	\$25.19	\$1,498.81	\$25.00	\$1,487.50
94	I02.03	GRAVEL SURFACING, TEMPORARY	T	50.0	\$ 30.00	\$1,500.00	\$18.45	\$922.50	\$25.78	\$1,289.00	\$20.00	\$1,000.00	\$33.00	\$1,650.00	\$20.00	\$1,000.00	\$23.00	\$1,150.00	\$24.91	\$1,245.50	\$25.19	\$1,259.50	\$25.00	\$1,250.00
95	I08.03	ASPHALT, CLASS G, TYPE 1 PG64-28	T	145.0	\$ 125.00	\$18,125.00	\$149.06	\$21,613.70	\$157.75	\$22,873.75	\$127.00	\$18,415.00	\$135.00	\$19,575.00	\$150.00	\$21,750.00	\$167.00	\$24,215.00	\$158.21	\$22,940.45	\$139.09	\$20,168.05	\$140.00	\$20,300.00
96	I17.01	PCC APPROACH PAVEMENT, 6" NON REINFORCED	SY	28.0	\$ 79.00	\$2,212.00	\$72.22	\$2,022.16	\$83.36	\$2,334.08	\$73.00	\$2,044.00	\$77.00	\$2,156.00	\$80.00	\$2,240.00	\$146.00	\$4,088.00	\$66.06	\$1,849.68	\$82.83	\$2,319.24	\$66.00	\$1,848.00
97	I19.01	CONCRETE CURB & GUTTER, TYPE B-6	LF	93.0	\$ 25.00	\$2,325.00	\$36.02	\$3,349.86	\$43.61	\$4,055.73	\$28.00	\$2,604.00	\$30.00	\$2,790.00	\$28.00	\$2,604.00	\$50.75	\$4,719.75	\$25.36	\$2,358.48	\$45.02	\$4,186.86	\$25.50	\$2,371.50
98	I23.02	CONCRETE DRAIN PAN, 6" REINFORCED	SY	18.0	\$ 105.00	\$1,890.00	\$60.26	\$1,084.68	\$83.36	\$1,500.48	\$72.00	\$1,296.00	\$128.00	\$2,304.00	\$90.00	\$1,620.00	\$133.00	\$2,394.00	\$79.26	\$1,426.68	\$120.42	\$2,167.56	\$77.00	\$1,386.00

99	I33.01	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	261.0	\$ 6.50	\$1,696.50	\$6.95	\$1,813.95	\$6.41	\$1,673.01	\$6.00	\$1,566.00	\$7.00	\$1,827.00	\$5.00	\$1,305.00	\$11.50	\$3,001.50	\$8.24	\$2,150.64	\$8.38	\$2,187.18	\$5.25	\$1,370.25
100	J07.02	PERMANENT FENCE	LF	550.0	\$ 6.00	\$3,300.00	\$5.15	\$2,832.50	\$4.49	\$2,469.50	\$2.85	\$1,567.50	\$3.00	\$1,650.00	\$10.00	\$5,500.00	\$3.65	\$2,007.50	\$3.67	\$2,018.50	\$5.90	\$3,245.00	\$11.65	\$6,407.50
101	L06.02	TRAFFIC CONTROL, MISCELLANEOUS	LS	1.0	\$ 3,000.00	\$3,000.00	\$2,240.25	\$2,240.25	\$2,789.51	\$2,789.51	\$2,250.00	\$2,250.00	\$2,300.00	\$2,300.00	\$4,000.00	\$4,000.00	\$3,490.00	\$3,490.00	\$2,797.52	\$2,797.52	\$2,459.44	\$2,459.44	\$2,500.00	\$2,500.00
102	L06.03	FLAGGING	HR	30.0	\$ 30.00	\$900.00	\$20.00	\$600.00	\$22.17	\$665.10	\$16.50	\$495.00	\$25.00	\$750.00	\$25.00	\$750.00	\$38.10	\$1,143.00	\$28.45	\$853.50	\$29.14	\$874.20	\$30.75	\$922.50
103	L06.04	TRAFFIC CONTROL	UN	1,145.0	\$ 4.00	\$4,580.00	\$2.32	\$2,656.40	\$2.89	\$3,309.05	\$2.30	\$2,633.50	\$2.50	\$2,862.50	\$3.00	\$3,435.00	\$2.55	\$2,919.75	\$2.90	\$3,320.50	\$2.54	\$2,908.30	\$2.55	\$2,919.75
104		MATERIAL TESTING	LS	1.00	\$ 10,000.00	\$10,000.00	\$15,323.31	\$15,323.31	\$17,955.46	\$17,955.46	\$14,100.00	\$14,100.00	\$16,000.00	\$16,000.00	\$15,000.00	\$15,000.00	\$10,582.00	\$10,582.00	\$18,868.79	\$18,868.79	\$16,366.16	\$16,366.16	\$16,365.00	\$16,365.00
TOTAL						\$1,200,000.00	\$15,323.31	\$617,171.69	\$17,955.46	\$717,440.74	\$14,100.00	\$770,730.30	\$16,000.00	\$795,379.40	\$15,000.00	\$808,747.50	\$10,582.00	\$833,105.85	\$18,868.79	\$853,537.82	\$16,366.16	\$941,266.00	\$16,365.00	\$995,134.05

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

Mike Towey
Mike Towey, PE
KTM, Inc.
Date: 5/10/17

CITY OF RAPID CITY

Reviewed by:
Sara Odden
Sara Odden, PE
Date: 5/10/2017