

BID AWARD SUMMARY

LETTING DATE: January 31, 2017

PROJECT: West Omaha Drainage & Utility Improvements, Mountain View Road to 11th Street
Project No. 15-2316 / CIP No. 50904.1

RECOMMENDATION: Award Total Bid in the amount of \$4,099,992.79 to Lind-Exco, Inc. at the February 6, 2017 Council Meeting.

BIDDERS' SUMMARY

CONTRACTORS

TOTAL BID

Lind-Exco, Inc.	\$4,099,992.79
Heavy Constructors, Inc.	\$4,207,241.00
Mainline Contracting, Inc.	\$4,624,996.10
Hills Materials Company	\$4,736,887.20
R.C.S. Construction, Inc.	\$4,952,333.60
Highmark, Inc.	\$5,637,219.98

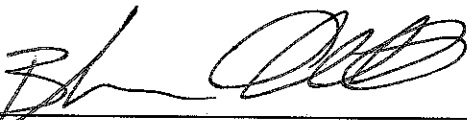
City staff recommends awarding this project to Lind-Exco, Inc. for a total bid amount of \$4,099,992.79 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Streets	Drainage	Sewer	Water	Storm water
ADVERTISING AUTHORITY	\$5,500,000.00	\$206,000.00	\$2,519,000.00	\$1,180,000.00	\$1,095,000.00	\$500,000.00
ENGINEER'S ESTIMATE	\$5,498,180.00	\$203,344.44	\$2,548,206.28	\$948,127.07	\$1,166,610.71	\$631,891.50

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Streets	Drainage	Sewer	Water	Storm water
COST CENTER		8910	8911	833	933	7402
LINE ITEM		4370	4371	4380	4381	4371
FUNDING CENTER		505	505	604	602	609
BID AMOUNT	\$4,099,992.79	\$160,587.95	\$1,858,620.43	\$680,670.73	\$749,353.43	\$650,760.26

PROJECT MANAGER:


Brandon Quiett, PE
City of Rapid City

DATE:

2/2/17

PROJECT NAME: WEST OMAHA DRAINAGE AND UTILITY IMPROVEMENTS

PROJECT NUMBER: PROJECT NO. 15-2316 / CIP NO. 50904.1

LET DATE: JANUARY 31, 2017

LOW BID AMOUNT: \$4,099,992.79

					ENGINEER'S ESTIMATE		LIND EXCO, INC.		HEAVY CONSTRUCTORS, INC.		MAINLINE CONTRACTING, INC.		HILLS MATERIALS COMPANY		R.C.S. CONSTRUCTION, INC.		HIGHMARK, INC.	
TEM NO	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	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-PROJECT 1	LS	1.00	\$150,000.00	\$150,000.00	\$76,765.19	\$76,765.19	\$65,457.02	\$65,457.02	\$35,000.00	\$35,000.00	\$95,375.00	\$95,375.00	\$92,969.46	\$92,969.46	\$252,520.00	\$252,520.00
2	001.01.1	MOBILIZATION-PROJECT 2	LS	1.00	\$195,000.00	\$195,000.00	\$62,807.89	\$62,807.89	\$65,457.02	\$65,457.02	\$31,500.00	\$31,500.00	\$95,375.00	\$95,375.00	\$104,212.14	\$104,212.14	\$252,520.00	\$252,520.00
3	001.02	INCIDENTAL	LS	1.00	\$230,000.00	\$230,000.00	\$104,914.59	\$104,914.59	\$184,426.49	\$184,426.49	\$165,000.00	\$165,000.00	\$133,230.00	\$133,230.00	\$165,725.17	\$165,725.17	\$440,680.00	\$440,680.00
4	001.03	CONSTRUCTION STAKING	LS	1.00	\$75,000.00	\$75,000.00	\$37,940.95	\$37,940.95	\$45,141.81	\$45,141.81	\$36,900.00	\$36,900.00	\$37,275.00	\$37,275.00	\$43,121.12	\$43,121.12	\$46,700.00	\$46,700.00
5	001.04	REESTABLISH PROPERTY CORNERS	EA	8.00	\$100.00	\$800.00	\$188.32	\$1,506.56	\$135.42	\$1,083.36	\$180.00	\$1,440.00	\$185.00	\$1,480.00	\$171.23	\$1,369.84	\$150.00	\$1,200.00
6	001.06	RAILROAD INSURANCE	EA	1.00	\$2,500.00	\$2,500.00	\$4,582.54	\$4,582.54	\$1,208.53	\$1,208.53	\$1,300.00	\$1,300.00	\$4,517.00	\$4,517.00	\$1,540.78	\$1,540.78	\$6,390.00	\$6,390.00
7	A01.01	CLEARING & GRUBBING, TREES	EA	15.00	\$700.00	\$10,500.00	\$1,286.88	\$19,303.20	\$1,101.74	\$16,526.10	\$1,450.00	\$21,750.00	\$1,450.50	\$21,757.50	\$478.00	\$7,170.00	\$1,100.00	\$16,500.00
8	A03.01	CLEARING & GRUBBING	LS	1.00	\$10,000.00	\$10,000.00	\$2,068.26	\$2,068.26	\$1,958.25	\$1,958.25	\$5,500.00	\$5,500.00	\$4,985.00	\$4,985.00	\$5,392.22	\$5,392.22	\$8,500.00	\$8,500.00
9	B01.03	REMOVE MANHOLE	EA	9.00	\$750.00	\$6,750.00	\$462.06	\$4,158.54	\$424.83	\$3,823.47	\$790.00	\$7,110.00	\$518.40	\$4,665.60	\$916.43	\$8,247.87	\$1,100.00	\$9,900.00
10	B01.03.01	ABANDON SUM PLACE PRIVATE LIFT STATION	EA	1.00	\$2,000.00	\$2,000.00	\$256.37	\$256.37	\$2,193.37	\$2,193.37	\$815.00	\$815.00	\$4,990.00	\$4,990.00	\$1,480.70	\$1,480.70	\$6,300.00	\$6,300.00
11	B02.02	REMOVE & SALVAGE FIRE HYDRANT & AUX VALVE	EA	6.00	\$800.00	\$4,800.00	\$310.63	\$1,863.78	\$64.73	\$388.38	\$450.00	\$2,700.00	\$327.00	\$1,962.00	\$916.43	\$5,498.58	\$410.00	\$2,460.00
12	B02.06	ABANDON WATER VALVE & BOX	EA	15.00	\$300.00	\$4,500.00	\$25.86	\$387.90	\$64.73	\$970.95	\$100.00	\$1,500.00	\$271.70	\$4,075.50	\$208.39	\$3,125.85	\$180.00	\$2,700.00
13	B02.07	LATERAL ABANDONMENTS AT 30" MAIN	LS	1.00	\$25,000.00	\$25,000.00	\$3,441.93	\$3,441.93	\$16,512.52	\$16,512.52	\$6,500.00	\$6,500.00	\$3,280.00	\$3,280.00	\$10,927.28	\$10,927.28	\$28,800.00	\$28,800.00
14	B03.01	REMOVE STORM SEWER MAIN	LF	883.00	\$20.00	\$17,660.00	\$10.72	\$9,465.76	\$10.26	\$9,059.58	\$10.00	\$8,830.00	\$16.20	\$14,304.60	\$21.93	\$19,364.19	\$17.00	\$15,011.00
15	B03.05	REMOVE STORM SEWER MANHOLE	EA	2.00	\$1,000.00	\$2,000.00	\$492.73	\$985.46	\$166.93	\$333.86	\$500.00	\$1,000.00	\$694.70	\$1,389.40	\$855.21	\$1,710.42	\$900.00	\$1,800.00
16	B03.06	REMOVE CONCRETE JUNCTION BOX	EA	1.00	\$500.00	\$500.00	\$396.44	\$396.44	\$393.19	\$393.19	\$450.00	\$450.00	\$925.50	\$925.50	\$793.99	\$793.99	\$1,050.00	\$1,050.00
17	B03.08	REMOVE TYPE "B" INLET	EA	2.00	\$500.00	\$1,000.00	\$414.43	\$828.86	\$196.58	\$393.16	\$180.00	\$360.00	\$750.50	\$1,501.00	\$651.76	\$1,303.52	\$350.00	\$700.00
18	B05.06	MILL AC PAVEMENT, 1"	SY	2632.00	\$8.00	\$21,056.00	\$4.47	\$11,765.04	\$2.89	\$7,606.48	\$3.45	\$9,080.40	\$6.00	\$15,792.00	\$4.61	\$12,133.52	\$6.75	\$17,766.00
19	B05.10	REMOVE AC PAVEMENT	SY	7431.00	\$6.00	\$44,586.00	\$2.94	\$21,847.14	\$4.14	\$30,764.34	\$5.00	\$37,155.00	\$4.75	\$35,297.25	\$4.02	\$29,872.62	\$4.00	\$29,724.00
20	B05.13	REMOVE PCC PAVEMENT	SY	1150.00	\$15.00	\$17,250.00	\$6.01	\$6,911.50	\$11.02	\$12,673.00	\$12.00	\$13,800.00	\$13.70	\$15,755.00	\$4.37	\$5,025.50	\$14.00	\$16,100.00
21	B05.15	REMOVE PCC DRIVEWAY PAVEMENT	SY	959.00	\$10.00	\$9,590.00	\$4.27	\$4,094.93	\$10.92	\$10,472.28	\$5.50	\$5,274.50	\$10.75	\$10,309.25	\$4.37	\$4,190.83	\$14.00	\$13,426.00
22	B05.18	REMOVE CONCRETE CURB & GUTTER	LF	2022.00	\$3.50	\$7,077.00	\$7.12	\$14,396.64	\$3.41	\$6,895.02	\$3.20	\$6,470.40	\$8.85	\$17,894.70	\$2.65	\$5,358.30	\$2.75	\$5,560.50

23	B05.21	REMOVE CONCRETE FILLET & PAN	SY	153.00	\$12.00	\$1,836.00	\$11.51	\$1,761.03	\$10.87	\$1,663.11	\$8.00	\$1,224.00	\$21.35	\$3,266.55	\$4.37	\$668.61	\$14.00	\$2,142.00
24	B05.25	REMOVE PCC SIDEWALK	SF	4771.00	\$2.00	\$9,542.00	\$0.59	\$2,814.89	\$0.40	\$1,908.40	\$1.15	\$5,486.65	\$1.45	\$6,917.95	\$2.45	\$11,688.95	\$2.00	\$9,542.00
25	B06.03	REMOVE & RESET FENCE	LF	213.00	\$35.00	\$7,455.00	\$19.17	\$4,083.21	\$17.39	\$3,704.07	\$20.00	\$4,260.00	\$17.85	\$3,802.05	\$40.87	\$8,705.31	\$35.40	\$7,540.20
26	B06.06	REMOVE & RESET MAILBOX	EA	1.00	\$225.00	\$225.00	\$345.26	\$345.26	\$132.17	\$132.17	\$115.00	\$115.00	\$348.00	\$348.00	\$213.34	\$213.34	\$280.00	\$280.00
27	B08.04	REMOVE & RESET SIGN	EA	10.00	\$200.00	\$2,000.00	\$106.72	\$1,067.20	\$95.93	\$959.30	\$95.00	\$950.00	\$98.45	\$984.50	\$113.89	\$1,138.90	\$96.05	\$960.50
28	C01.01	AASHTO T-180 SOIL TEST	EA	10.00	\$225.00	\$2,250.00	\$188.32	\$1,883.20	\$169.28	\$1,692.80	\$180.00	\$1,800.00	\$166.50	\$1,665.00	\$214.04	\$2,140.40	\$150.00	\$1,500.00
29	C02.01	UNCLASSIFIED EXCAVATION	CY	25141.00	\$20.00	\$502,820.00	\$4.77	\$119,922.57	\$11.65	\$292,892.65	\$13.00	\$326,833.00	\$10.55	\$265,237.55	\$13.60	\$341,917.60	\$8.00	\$201,128.00
30	C02.02	UNCLASSIFIED EXCAVATION, DIGOUTS	CY	200.00	\$25.00	\$5,000.00	\$18.72	\$3,744.00	\$30.10	\$6,020.00	\$15.00	\$3,000.00	\$32.50	\$6,500.00	\$24.73	\$4,946.00	\$18.00	\$3,600.00
31	C02.07	BOX CULVERT UNDERCUT	CY	1083.00	\$30.00	\$32,490.00	\$8.23	\$8,913.09	\$98.58	\$106,762.14	\$13.00	\$14,079.00	\$20.70	\$22,418.10	\$11.65	\$12,616.95	\$30.00	\$32,490.00
32	C04.01	CRUSHED ROCK	T	50.00	\$25.00	\$1,250.00	\$35.52	\$1,776.00	\$31.03	\$1,551.50	\$30.00	\$1,500.00	\$39.40	\$1,970.00	\$24.38	\$1,219.00	\$26.00	\$1,300.00
33	C07.02	TOPSOIL, PLACE	CY	4707.00	\$8.00	\$37,656.00	\$6.09	\$28,665.63	\$11.77	\$55,401.39	\$8.00	\$37,656.00	\$2.95	\$13,885.65	\$4.94	\$23,252.58	\$7.50	\$35,302.50
34	C07.05	SODDING	SY	650.00	\$9.00	\$5,850.00	\$7.53	\$4,894.50	\$10.16	\$6,604.00	\$10.00	\$6,500.00	\$10.45	\$6,792.50	\$8.04	\$5,226.00	\$10.20	\$6,630.00
35	C08.03	MULCHING, NON-IRRIGATED SEED MIX	SY	19700.00	\$3.00	\$59,100.00	\$0.31	\$6,107.00	\$0.86	\$16,942.00	\$1.70	\$33,490.00	\$0.88	\$17,336.00	\$0.33	\$6,501.00	\$0.85	\$16,745.00
36	C08.04	SEEDING, FERTILIZING, & MULCHING, WETLAND SEED MIX	SY	23115.00	\$4.00	\$92,460.00	\$1.00	\$23,115.00	\$0.86	\$19,878.90	\$1.70	\$39,295.50	\$0.88	\$20,341.20	\$0.83	\$19,185.45	\$0.85	\$19,647.75
37	D01.01	EXCAVATION, ROCK (TRENCH)	CY	100.00	\$50.00	\$5,000.00	\$90.70	\$9,070.00	\$71.36	\$7,136.00	\$45.00	\$4,500.00	\$209.00	\$20,900.00	\$80.35	\$8,035.00	\$50.00	\$5,000.00
38	D04.03.01	16" X 1/2" STEEL PIPE CASING & BORE	LF	127.00	\$700.00	\$88,900.00	\$459.51	\$58,357.77	\$450.90	\$57,264.30	\$325.00	\$41,275.00	\$450.25	\$57,181.75	\$239.58	\$30,426.66	\$376.00	\$47,752.00
39	D04.03.02	16" X 1/2" STEEL PIPE CASING (TRENCH)	LF	90.00	\$100.00	\$9,000.00	\$116.18	\$10,456.20	\$130.78	\$11,770.20	\$135.00	\$12,150.00	\$196.40	\$17,676.00	\$156.33	\$14,069.70	\$139.00	\$12,510.00
40	D06.02	PIPE ENCASEMENT	LF	304.00	\$40.00	\$12,160.00	\$38.46	\$11,691.84	\$66.87	\$20,328.48	\$50.00	\$15,200.00	\$27.20	\$8,268.80	\$54.36	\$16,525.44	\$125.00	\$38,000.00
41	D08.01	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	100.00	\$100.00	\$10,000.00	\$129.10	\$12,910.00	\$175.34	\$17,534.00	\$100.00	\$10,000.00	\$152.80	\$15,280.00	\$143.64	\$14,364.00	\$165.00	\$16,500.00
42	D09.01	TYPE I BEDDING MATERIAL	T	100.00	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$32.85	\$3,285.00	\$15.00	\$1,500.00	\$20.75	\$2,075.00	\$24.38	\$2,438.00	\$23.35	\$2,335.00
43	D10.02	TYPE III FOUNDATION MATERIAL	T	100.00	\$28.00	\$2,800.00	\$33.43	\$3,343.00	\$32.49	\$3,249.00	\$16.00	\$1,600.00	\$20.75	\$2,075.00	\$27.18	\$2,718.00	\$24.50	\$2,450.00
44	D10.03	TYPE IV FOUNDATION MATERIAL	T	100.00	\$30.00	\$3,000.00	\$34.84	\$3,484.00	\$32.49	\$3,249.00	\$16.00	\$1,600.00	\$24.25	\$2,425.00	\$32.82	\$3,282.00	\$28.00	\$2,800.00
45	E02.02	8" PVC SEWER MAIN (6'- 8')	LF	192.00	\$53.00	\$10,176.00	\$21.14	\$4,058.88	\$21.00	\$4,032.00	\$45.00	\$8,640.00	\$45.25	\$8,688.00	\$54.83	\$10,527.36	\$63.75	\$12,240.00
46	E02.03	8" PVC SEWER MAIN (8'-10')	LF	1105.00	\$56.00	\$61,880.00	\$21.14	\$23,359.70	\$20.96	\$23,160.80	\$46.00	\$50,830.00	\$46.75	\$51,658.75	\$54.83	\$60,587.15	\$64.75	\$71,548.75
47	E02.04	8" PVC SEWER MAIN (10'-12')	LF	731.00	\$60.00	\$43,860.00	\$24.62	\$17,997.22	\$22.19	\$16,220.89	\$51.00	\$37,281.00	\$47.90	\$35,014.90	\$54.83	\$40,080.73	\$68.75	\$50,256.25
48	E02.05	8" PVC SEWER MAIN (12'-14')	LF	390.00	\$70.00	\$27,300.00	\$28.90	\$11,271.00	\$24.12	\$9,406.80	\$54.00	\$21,060.00	\$51.20	\$19,968.00	\$58.51	\$22,818.90	\$70.25	\$27,397.50
49	E02.06	8" PVC SEWER MAIN (14'-16')	LF	131.00	\$80.00	\$10,480.00	\$33.35	\$4,368.85	\$25.82	\$3,382.42	\$62.00	\$8,122.00	\$53.30	\$6,982.30	\$61.30	\$8,030.30	\$73.25	\$9,595.75
50	E07.04	21" PVC SEWER MAIN (10'-12')	LF	278.00	\$95.00	\$26,410.00	\$57.35	\$15,943.30	\$52.10	\$14,483.80	\$76.00	\$21,128.00	\$72.60	\$20,182.80	\$81.65	\$22,698.70	\$90.70	\$25,214.60

51	E07.05	21" PVC SEWER MAIN (12'-14')	LF	436.00	\$100.00	\$43,600.00	\$61.79	\$26,940.44	\$55.02	\$23,988.72	\$82.00	\$35,752.00	\$76.25	\$33,245.00	\$85.32	\$37,199.52	\$93.70	\$40,853.20
52	E07.06	21" PVC SEWER MAIN (14'-16')	LF	112.00	\$115.00	\$12,880.00	\$61.79	\$6,920.48	\$58.23	\$6,521.76	\$85.00	\$9,520.00	\$83.75	\$9,380.00	\$88.11	\$9,868.32	\$95.70	\$10,718.40
53	E07.07	21" PVC SEWER MAIN (16'-18')	LF	45.00	\$130.00	\$5,850.00	\$77.31	\$3,478.95	\$65.75	\$2,958.75	\$110.00	\$4,950.00	\$96.30	\$4,333.50	\$88.11	\$3,964.95	\$107.75	\$4,848.75
54	E10.04	30" PVC SEWER MAIN (10'-12')	LF	36.00	\$150.00	\$5,400.00	\$259.08	\$9,326.88	\$189.17	\$6,810.12	\$275.00	\$9,900.00	\$129.45	\$4,660.20	\$159.85	\$5,754.60	\$166.35	\$5,988.60
55	E14.01	4" PVC SANITARY SEWER SERVICE	LF	658.00	\$40.00	\$26,320.00	\$26.79	\$17,627.82	\$21.02	\$13,831.16	\$40.00	\$26,320.00	\$59.70	\$39,282.60	\$43.73	\$28,774.34	\$50.95	\$33,525.10
56	E15.01	STANDARD MANHOLE, 48"	EA	11.00	\$4,500.00	\$49,500.00	\$3,575.70	\$39,332.70	\$3,519.01	\$38,709.11	\$4,800.00	\$52,800.00	\$5,420.50	\$59,625.50	\$4,920.98	\$54,130.78	\$5,505.00	\$60,555.00
57	E15.02.1	SPECIAL MANHOLE, 60" WITH INTERNAL DROP	EA	1.00	\$12,000.00	\$12,000.00	\$8,248.93	\$8,248.93	\$8,614.58	\$8,614.58	\$10,250.00	\$10,250.00	\$10,382.00	\$10,382.00	\$10,029.90	\$10,029.90	\$9,810.00	\$9,810.00
58	E15.04	STANDARD MANHOLE, 84"	EA	1.00	\$18,000.00	\$18,000.00	\$13,533.33	\$13,533.33	\$16,987.27	\$16,987.27	\$14,000.00	\$14,000.00	\$16,246.00	\$16,246.00	\$17,302.16	\$17,302.16	\$14,985.25	\$14,985.25
59	E15.06	STANDARD MANHOLE, 120"	EA	1.00	\$20,000.00	\$20,000.00	\$27,226.14	\$27,226.14	\$30,228.93	\$30,228.93	\$36,000.00	\$36,000.00	\$32,489.00	\$32,489.00	\$32,019.49	\$32,019.49	\$30,200.00	\$30,200.00
60	E17.01	TERMINATION MANHOLE, 48"	EA	3.00	\$4,250.00	\$12,750.00	\$3,398.54	\$10,195.62	\$3,354.63	\$10,063.89	\$4,550.00	\$13,650.00	\$5,200.00	\$15,600.00	\$4,723.68	\$14,171.04	\$5,305.00	\$15,915.00
61	E18.01	DROP MANHOLE, 48"	EA	2.00	\$5,500.00	\$11,000.00	\$4,097.90	\$8,195.80	\$5,472.38	\$10,944.76	\$6,500.00	\$13,000.00	\$5,830.00	\$11,660.00	\$6,211.01	\$12,422.02	\$9,965.00	\$19,930.00
62	E19.01	EXTRA MANHOLE DEPTH, 48"	VF	95.30	\$250.00	\$23,825.00	\$155.14	\$14,784.84	\$183.00	\$17,439.90	\$400.00	\$38,120.00	\$641.45	\$61,130.19	\$173.31	\$16,516.44	\$285.00	\$27,160.50
63	E21.01	4" PVC SEWER CLEANOUT	EA	18.00	\$300.00	\$5,400.00	\$203.66	\$3,665.88	\$121.28	\$2,183.04	\$300.00	\$5,400.00	\$519.60	\$9,352.80	\$340.86	\$6,135.48	\$305.00	\$5,490.00
64	E23.01.01	21" PVC SEWER CAP	EA	1.00	\$250.00	\$250.00	\$650.58	\$650.58	\$677.02	\$677.02	\$550.00	\$550.00	\$743.50	\$743.50	\$882.17	\$882.17	\$600.25	\$600.25
65	E23.02.01	8" PVC SEWER CAP	EA	2.00	\$100.00	\$200.00	\$71.46	\$142.92	\$231.35	\$462.70	\$45.00	\$90.00	\$209.30	\$418.60	\$201.77	\$403.54	\$70.00	\$140.00
66	E24.02	CONNECT TO EXISTING SEWER MAIN	EA	5.00	\$1,000.00	\$5,000.00	\$350.64	\$1,753.20	\$2,922.74	\$14,613.70	\$1,000.00	\$5,000.00	\$1,838.00	\$9,190.00	\$975.47	\$4,877.35	\$1,100.00	\$5,500.00
67	E24.04	RECONNECT SEWER SERVICE	EA	12.00	\$300.00	\$3,600.00	\$283.71	\$3,404.52	\$958.54	\$11,502.48	\$400.00	\$4,800.00	\$221.40	\$2,656.80	\$189.64	\$2,275.68	\$200.00	\$2,400.00
68	E24.05	CONNECT TO EXISTING MANHOLE	EA	1.00	\$600.00	\$600.00	\$408.67	\$408.67	\$3,063.85	\$3,063.85	\$1,050.00	\$1,050.00	\$2,818.50	\$2,818.50	\$425.14	\$425.14	\$1,300.00	\$1,300.00
69	E28.01	OSHKOSH STREET SEWER BYPASS	LS	1.00	\$30,000.00	\$30,000.00	\$39,804.42	\$39,804.42	\$1,246.31	\$1,246.31	\$21,000.00	\$21,000.00	\$36,900.00	\$36,900.00	\$26,545.86	\$26,545.86	\$26,000.00	\$26,000.00
70	E28.01	BYPASS PUMPING	LS	1.00	\$20,000.00	\$20,000.00	\$5,359.70	\$5,359.70	\$1,277.70	\$1,277.70	\$6,100.00	\$6,100.00	\$18,672.00	\$18,672.00	\$8,038.85	\$8,038.85	\$16,000.00	\$16,000.00
71	E28.01.01	DISC GOLF SEWER BYPASS	LS	1.00	\$25,000.00	\$25,000.00	\$46,621.74	\$46,621.74	\$1,246.32	\$1,246.32	\$24,500.00	\$24,500.00	\$26,000.00	\$26,000.00	\$24,956.67	\$24,956.67	\$19,665.00	\$19,665.00
72	F01.02.01	4" PVC WATER MAIN	LF	32.00	\$60.00	\$1,920.00	\$43.04	\$1,377.28	\$20.27	\$648.64	\$55.00	\$1,760.00	\$56.00	\$1,792.00	\$52.63	\$1,684.16	\$60.00	\$1,920.00
73	F01.03	6" PVC WATER MAIN C-900, DR 18 RESTRAINED JOINT	LF	711.00	\$70.00	\$49,770.00	\$31.06	\$22,083.66	\$24.10	\$17,135.10	\$42.00	\$29,862.00	\$44.80	\$31,852.80	\$70.92	\$50,424.12	\$69.25	\$49,236.75
74	F01.07	8" PVC WATER MAIN C-900, DR 18 RESTRAINED JOINT	LF	1622.00	\$75.00	\$121,650.00	\$42.00	\$68,124.00	\$32.01	\$51,920.22	\$44.00	\$71,368.00	\$53.50	\$86,777.00	\$78.40	\$127,164.80	\$75.00	\$121,650.00
75	F01.15	12" PVC WATER MAIN C-900, DR 18 RESTRAINED JOINT	LF	1010.00	\$100.00	\$101,000.00	\$61.50	\$62,115.00	\$56.07	\$56,630.70	\$64.00	\$64,640.00	\$73.80	\$74,538.00	\$99.11	\$100,101.10	\$91.75	\$92,667.50
76	F06.02	4" 22.5 DEGREE BEND	EA	2.00	\$425.00	\$850.00	\$315.88	\$631.76	\$354.49	\$708.98	\$700.00	\$1,400.00	\$384.50	\$769.00	\$319.17	\$638.34	\$450.00	\$900.00
77	F06.03	4" 45 DEGREE BEND	EA	3.00	\$425.00	\$1,275.00	\$317.76	\$953.28	\$356.43	\$1,069.29	\$700.00	\$2,100.00	\$388.20	\$1,164.60	\$323.44	\$970.32	\$450.25	\$1,350.75
78	F06.05	6" 11.25 DEGREE BEND	EA	2.00	\$500.00	\$1,000.00	\$349.08	\$698.16	\$396.30	\$792.60	\$725.00	\$1,450.00	\$416.85	\$833.70	\$391.94	\$783.88	\$480.25	\$960.50

79	F06.07	6" 45 DEGREE BEND	EA	11.00	\$500.00	\$5,500.00	\$358.91	\$3,948.01	\$409.33	\$4,502.63	\$725.00	\$7,975.00	\$426.00	\$4,686.00	\$402.30	\$4,425.30	\$485.85	\$5,344.35
80	F06.08	6" 90 DEGREE BEND	EA	4.00	\$550.00	\$2,200.00	\$375.87	\$1,503.48	\$413.62	\$1,654.48	\$725.00	\$2,900.00	\$508.20	\$2,032.80	\$420.14	\$1,680.56	\$500.75	\$2,003.00
81	F06.09	8" 11.25 DEGREE BEND	EA	5.00	\$650.00	\$3,250.00	\$467.90	\$2,339.50	\$450.34	\$2,251.70	\$800.00	\$4,000.00	\$480.65	\$2,403.25	\$841.37	\$4,206.85	\$540.25	\$2,701.25
82	F06.10	8" 22.5 DEGREE BEND	EA	2.00	\$650.00	\$1,300.00	\$465.17	\$930.34	\$458.11	\$916.22	\$800.00	\$1,600.00	\$478.00	\$956.00	\$461.67	\$923.34	\$540.25	\$1,080.50
83	F06.11	8" 45 DEGREE BEND	EA	19.00	\$650.00	\$12,350.00	\$488.77	\$9,286.63	\$460.02	\$8,740.38	\$800.00	\$15,200.00	\$500.00	\$9,500.00	\$486.51	\$9,243.69	\$555.50	\$10,554.50
84	F06.12	8" 90 DEGREE BEND	EA	4.00	\$700.00	\$2,800.00	\$517.09	\$2,068.36	\$481.20	\$1,924.80	\$800.00	\$3,200.00	\$659.00	\$2,636.00	\$516.31	\$2,065.24	\$580.25	\$2,321.00
85	F06.17	12" 11.25 DEGREE BEND	EA	4.00	\$850.00	\$3,400.00	\$695.01	\$2,780.04	\$634.74	\$2,538.96	\$1,000.00	\$4,000.00	\$899.00	\$3,596.00	\$726.27	\$2,905.08	\$755.25	\$3,021.00
86	F06.18	12" 22.5 DEGREE BEND	EA	2.00	\$850.00	\$1,700.00	\$709.14	\$1,418.28	\$647.26	\$1,294.52	\$1,000.00	\$2,000.00	\$906.50	\$1,813.00	\$741.12	\$1,482.24	\$755.25	\$1,510.50
87	F06.19	12" 45 DEGREE BEND	EA	16.00	\$850.00	\$13,600.00	\$736.81	\$11,788.96	\$671.80	\$10,748.80	\$1,000.00	\$16,000.00	\$932.00	\$14,912.00	\$770.24	\$12,323.84	\$775.25	\$12,404.00
88	F11.01	4" MJ CAP	EA	2.00	\$400.00	\$800.00	\$239.44	\$478.88	\$297.09	\$594.18	\$500.00	\$1,000.00	\$389.00	\$778.00	\$248.71	\$497.42	\$365.00	\$730.00
89	F11.02	6" MJ CAP	EA	5.00	\$500.00	\$2,500.00	\$268.96	\$1,344.80	\$321.15	\$1,605.75	\$550.00	\$2,750.00	\$403.00	\$2,015.00	\$279.77	\$1,398.85	\$390.00	\$1,950.00
90	F11.03	8" MJ CAP	EA	9.00	\$600.00	\$5,400.00	\$344.16	\$3,097.44	\$354.67	\$3,192.03	\$650.00	\$5,850.00	\$438.50	\$3,946.50	\$354.85	\$3,193.65	\$425.00	\$3,825.00
91	F11.05	12" MJ CAP	EA	2.00	\$800.00	\$1,600.00	\$483.68	\$967.36	\$451.68	\$903.36	\$850.00	\$1,700.00	\$831.50	\$1,663.00	\$503.91	\$1,007.82	\$525.00	\$1,050.00
92	F12.01	6" X 4" REDUCER	EA	3.00	\$450.00	\$1,350.00	\$328.79	\$986.37	\$372.61	\$1,117.83	\$500.00	\$1,500.00	\$406.60	\$1,219.80	\$370.60	\$1,111.80	\$310.00	\$930.00
93	F12.03	8" X 6" REDUCER	EA	2.00	\$550.00	\$1,100.00	\$422.63	\$845.26	\$418.55	\$837.10	\$600.00	\$1,200.00	\$450.00	\$900.00	\$429.69	\$859.38	\$360.25	\$720.50
94	F12.06	12" X 4" REDUCER	EA	1.00	\$650.00	\$650.00	\$555.50	\$555.50	\$514.01	\$514.01	\$900.00	\$900.00	\$782.00	\$782.00	\$592.27	\$592.27	\$480.25	\$480.25
95	F12.08	12" X 8" REDUCER	EA	3.00	\$700.00	\$2,100.00	\$583.54	\$1,750.62	\$535.35	\$1,606.05	\$925.00	\$2,775.00	\$790.60	\$2,371.80	\$608.98	\$1,826.94	\$495.25	\$1,485.75
96	F13.02	6" X 6" X 4" TEE	EA	1.00	\$650.00	\$650.00	\$454.43	\$454.43	\$572.01	\$572.01	\$825.00	\$825.00	\$721.80	\$721.80	\$512.69	\$512.69	\$565.25	\$565.25
97	F13.04	8" X 8" X 4" TEE	EA	1.00	\$700.00	\$700.00	\$571.45	\$571.45	\$620.84	\$620.84	\$900.00	\$900.00	\$789.25	\$789.25	\$596.22	\$596.22	\$635.25	\$635.25
98	F13.05	8" X 8" X 6" TEE	EA	10.00	\$800.00	\$8,000.00	\$595.47	\$5,954.70	\$650.39	\$6,503.90	\$900.00	\$9,000.00	\$731.50	\$7,315.00	\$621.53	\$6,215.30	\$655.25	\$6,552.50
99	F13.12	12" X 12" X 6" TEE	EA	8.00	\$1,100.00	\$8,800.00	\$874.47	\$6,995.76	\$646.03	\$5,168.24	\$1,100.00	\$8,800.00	\$1,064.00	\$8,512.00	\$899.44	\$7,195.52	\$990.00	\$7,920.00
100	F13.13	12" X 12" X 8" TEE	EA	2.00	\$1,200.00	\$2,400.00	\$931.25	\$1,862.50	\$678.52	\$1,357.04	\$1,150.00	\$2,300.00	\$1,224.25	\$2,448.50	\$959.16	\$1,918.32	\$1,040.00	\$2,080.00
101	F13.15	12" X 12" X 12" TEE	EA	3.00	\$1,400.00	\$4,200.00	\$1,095.42	\$3,286.26	\$1,082.38	\$3,247.14	\$1,300.00	\$3,900.00	\$1,780.50	\$5,341.50	\$1,106.31	\$3,318.93	\$1,360.00	\$4,080.00
102	F14.50.01	30" X 30" X 8" TAPPING SLEEVE W/ VALVE	EA	2.00	\$20,000.00	\$40,000.00	\$5,555.30	\$11,110.60	\$7,281.78	\$14,563.56	\$9,700.00	\$19,400.00	\$6,444.00	\$12,888.00	\$5,660.14	\$11,320.28	\$8,195.00	\$16,390.00
103	F14.50.02	30" X 30" X 12" TAPPING SLEEVE W/ VALVE	EA	2.00	\$25,000.00	\$50,000.00	\$8,004.44	\$16,008.88	\$9,482.69	\$18,965.38	\$11,850.00	\$23,700.00	\$8,490.00	\$16,980.00	\$8,298.73	\$16,597.46	\$10,370.00	\$20,740.00
104	F15.02	6" GATE VALVE W/ BOX	EA	8.00	\$1,800.00	\$14,400.00	\$1,373.75	\$10,990.00	\$996.16	\$7,969.28	\$1,400.00	\$11,200.00	\$1,750.00	\$14,000.00	\$1,561.97	\$12,495.76	\$2,130.00	\$17,040.00
105	F15.03	8" GATE VALVE W/ BOX	EA	9.00	\$2,200.00	\$19,800.00	\$1,944.80	\$17,503.20	\$1,412.01	\$12,708.09	\$1,900.00	\$17,100.00	\$2,240.00	\$20,160.00	\$2,118.04	\$19,062.36	\$2,630.00	\$23,670.00
106	F15.05	12" GATE VALVE W/BOX	EA	10.00	\$3,750.00	\$37,500.00	\$3,377.38	\$33,773.80	\$2,615.62	\$26,156.20	\$3,200.00	\$32,000.00	\$3,813.00	\$38,130.00	\$3,625.31	\$36,253.10	\$3,830.25	\$38,302.50

107	F17.01	FIRE HYDRANT W/AUX VALVE	EA	12.00	\$6,000.00	\$72,000.00	\$5,106.94	\$61,283.28	\$5,518.35	\$66,220.20	\$5,850.00	\$70,200.00	\$6,200.00	\$74,400.00	\$5,977.92	\$71,735.04	\$5,830.00	\$69,960.00
108	F18.01	FIRE HYDRANT PROTECTION BOLLARDS	EA	12.00	\$400.00	\$4,800.00	\$283.56	\$3,402.72	\$371.07	\$4,452.84	\$350.00	\$4,200.00	\$452.50	\$5,430.00	\$353.43	\$4,241.16	\$360.00	\$4,320.00
109	F20.01	1" COPPER SERVICE	LF	409.00	\$50.00	\$20,450.00	\$32.70	\$13,374.30	\$32.07	\$13,116.63	\$60.00	\$24,540.00	\$35.00	\$14,315.00	\$45.77	\$18,719.93	\$40.00	\$16,360.00
110	F20.01	3/4" COPPER SERVICE	LF	40.00	\$50.00	\$2,000.00	\$38.85	\$1,554.00	\$29.28	\$1,171.20	\$85.00	\$3,400.00	\$36.40	\$1,456.00	\$47.97	\$1,918.80	\$40.00	\$1,600.00
111	F20.04	1.5" COPPER SERVICE	LF	9.00	\$70.00	\$630.00	\$86.18	\$775.62	\$52.49	\$472.41	\$125.00	\$1,125.00	\$117.40	\$1,056.60	\$129.87	\$1,168.83	\$75.00	\$675.00
112	F20.04	2" COPPER SERVICE	LF	30.00	\$80.00	\$2,400.00	\$99.73	\$2,991.90	\$52.25	\$1,567.50	\$125.00	\$3,750.00	\$111.55	\$3,346.50	\$97.63	\$2,928.90	\$75.00	\$2,250.00
113	F24.01	1" CURB STOP & BOX	EA	9.00	\$400.00	\$3,600.00	\$278.16	\$2,503.44	\$375.67	\$3,381.03	\$295.00	\$2,655.00	\$846.00	\$7,614.00	\$419.25	\$3,773.25	\$450.00	\$4,050.00
114	F24.01	3/4" CURB STOP & BOX	EA	1.00	\$400.00	\$400.00	\$238.47	\$238.47	\$342.16	\$342.16	\$295.00	\$295.00	\$809.50	\$809.50	\$377.45	\$377.45	\$420.00	\$420.00
115	F24.02	1.5" CURB STOP & BOX	EA	1.00	\$500.00	\$500.00	\$489.52	\$489.52	\$543.21	\$543.21	\$450.00	\$450.00	\$1,041.00	\$1,041.00	\$641.59	\$641.59	\$635.00	\$635.00
116	F24.03	2" CURB STOP & BOX	EA	3.00	\$550.00	\$1,650.00	\$540.49	\$1,621.47	\$675.60	\$2,026.80	\$650.00	\$1,950.00	\$1,088.00	\$3,264.00	\$695.25	\$2,085.75	\$680.00	\$2,040.00
117	F26.01	CONNECT TO EXISTING WATER MAIN	EA	15.00	\$1,000.00	\$15,000.00	\$479.04	\$7,185.60	\$424.05	\$6,360.75	\$3,200.00	\$48,000.00	\$573.00	\$8,595.00	\$928.76	\$13,931.40	\$1,600.00	\$24,000.00
118	F26.03	RECONNECT WATER SERVICE	EA	15.00	\$250.00	\$3,750.00	\$411.22	\$6,168.30	\$631.62	\$9,474.30	\$550.00	\$8,250.00	\$541.50	\$8,122.50	\$221.39	\$3,320.85	\$210.00	\$3,150.00
119	F26.03.1	RECONNECT 1118 KNO PLACE WATER SERVICE	LS	1.00	\$5,000.00	\$5,000.00	\$2,174.77	\$2,174.77	\$7,122.15	\$7,122.15	\$8,900.00	\$8,900.00	\$7,821.50	\$7,821.50	\$4,340.57	\$4,340.57	\$9,200.00	\$9,200.00
120	F34.01	FLUSH MOUNTED TEST STATION	EA	12.00	\$400.00	\$4,800.00	\$177.22	\$2,126.64	\$150.82	\$1,809.84	\$350.00	\$4,200.00	\$375.50	\$4,506.00	\$338.64	\$4,063.68	\$505.00	\$6,060.00
121	F34.02	TRACER WIRE ACCESS BOX - 2-WIRE	EA	24.00	\$200.00	\$4,800.00	\$74.80	\$1,795.20	\$86.80	\$2,083.20	\$54.00	\$1,296.00	\$227.00	\$5,448.00	\$205.28	\$4,926.72	\$255.00	\$6,120.00
122	F34.03	TRACER WIRE ACCESS BOX - LARGE	EA	2.00	\$400.00	\$800.00	\$96.19	\$192.38	\$101.01	\$202.02	\$75.00	\$150.00	\$246.50	\$493.00	\$227.78	\$455.56	\$275.00	\$550.00
123	G01.06	18" RCP, CLASS III	LF	150.00	\$63.00	\$9,450.00	\$74.62	\$11,193.00	\$17.37	\$2,605.50	\$90.00	\$13,500.00	\$68.45	\$10,267.50	\$85.30	\$12,795.00	\$63.75	\$9,562.50
124	G01.09	24" RCP, CLASS III	LF	578.00	\$75.00	\$43,350.00	\$66.34	\$38,344.52	\$62.04	\$35,859.12	\$82.00	\$47,396.00	\$75.45	\$43,610.10	\$86.07	\$49,748.46	\$69.05	\$39,910.90
125	G01.13	36" RCP, CLASS II	LF	416.00	\$120.00	\$49,920.00	\$112.71	\$46,887.36	\$101.83	\$42,361.28	\$135.00	\$56,160.00	\$125.60	\$52,249.60	\$128.28	\$53,364.48	\$104.00	\$43,264.00
126	G01.17	48" RCP, CLASS II	LF	106.00	\$165.00	\$17,490.00	\$189.22	\$20,057.32	\$168.45	\$17,855.70	\$205.00	\$21,730.00	\$215.30	\$22,821.80	\$212.64	\$22,539.84	\$168.00	\$17,808.00
127	G01.19	54" RCP, CLASS II	LF	32.00	\$200.00	\$6,400.00	\$219.79	\$7,033.28	\$196.63	\$6,292.16	\$300.00	\$9,600.00	\$241.00	\$7,712.00	\$264.43	\$8,461.76	\$238.50	\$7,632.00
128	G01.22	60" RCP, CLASS II	LF	254.00	\$230.00	\$58,420.00	\$250.83	\$63,710.82	\$224.11	\$56,923.94	\$300.00	\$76,200.00	\$262.00	\$66,548.00	\$296.33	\$75,267.82	\$248.50	\$63,119.00
129	G01.22.01	JACKING 60" RCP	LF	114.00	\$1,000.00	\$114,000.00	\$1,775.98	\$202,461.72	\$1,520.68	\$173,357.52	\$1,535.00	\$174,990.00	\$2,245.00	\$255,930.00	\$1,778.24	\$202,719.36	\$2,550.25	\$290,728.50
130	G03.01	18" RCP, CLASS II, ARCH	LF	90.00	\$75.00	\$6,750.00	\$87.05	\$7,834.50	\$76.17	\$6,855.30	\$105.00	\$9,450.00	\$83.00	\$7,470.00	\$102.14	\$9,192.60	\$77.50	\$6,975.00
131	G03.03	24" RCP, CLASS II, ARCH	LF	148.00	\$90.00	\$13,320.00	\$109.75	\$16,243.00	\$90.97	\$13,463.56	\$125.00	\$18,500.00	\$104.50	\$15,466.00	\$126.03	\$18,652.44	\$97.25	\$14,393.00
132	G03.12	48" HDPE, SOIL TIGHT	LF	86.00	\$200.00	\$17,200.00	\$105.99	\$9,115.14	\$80.41	\$6,915.26	\$130.00	\$11,180.00	\$113.85	\$9,791.10	\$160.09	\$13,767.74	\$99.50	\$8,557.00
133	G06.03	18" RCP FLARED END, ARCH	EA	6.00	\$950.00	\$5,700.00	\$689.91	\$4,139.46	\$933.48	\$5,600.88	\$850.00	\$5,100.00	\$673.00	\$4,038.00	\$826.50	\$4,959.00	\$710.50	\$4,263.00
134	G06.04	24" RCP FLARED END, ARCH	EA	7.00	\$1,200.00	\$8,400.00	\$760.31	\$5,322.17	\$997.10	\$6,979.70	\$950.00	\$6,650.00	\$738.00	\$5,166.00	\$900.57	\$6,303.99	\$775.00	\$5,425.00

135	G06.05	36" RCP FLARED END	EA	2.00	\$1,750.00	\$3,500.00	\$1,542.76	\$3,085.52	\$1,751.02	\$3,502.04	\$1,650.00	\$3,300.00	\$1,559.00	\$3,118.00	\$1,652.14	\$3,304.28	\$1,415.00	\$2,830.00
136	G06.06	48" RCP FLARED END	EA	1.00	\$2,200.00	\$2,200.00	\$2,095.10	\$2,095.10	\$2,255.42	\$2,255.42	\$2,350.00	\$2,350.00	\$2,230.00	\$2,230.00	\$2,268.83	\$2,268.83	\$1,890.50	\$1,890.50
137	G12.09	18" RCP 45 DEGREE BEND	EA	3.00	\$1,000.00	\$3,000.00	\$949.58	\$2,848.74	\$916.24	\$2,748.72	\$1,100.00	\$3,300.00	\$1,087.00	\$3,261.00	\$1,064.15	\$3,192.45	\$1,005.75	\$3,017.25
138	G12.15	24" RCP 15 DEGREE BEND	EA	1.00	\$1,600.00	\$1,600.00	\$1,390.48	\$1,390.48	\$1,314.74	\$1,314.74	\$1,550.00	\$1,550.00	\$1,507.00	\$1,507.00	\$1,528.02	\$1,528.02	\$1,390.00	\$1,390.00
139	G12.17	24" RCP 45 DEGREE BEND	EA	5.00	\$1,800.00	\$9,000.00	\$1,390.46	\$6,952.30	\$1,314.73	\$6,573.65	\$1,550.00	\$7,750.00	\$1,507.00	\$7,535.00	\$1,528.02	\$7,640.10	\$1,390.00	\$6,950.00
140	G12.24	36" RCP 7.5 DEGREE BEND	EA	11.00	\$1,500.00	\$16,500.00	\$2,228.95	\$24,518.45	\$1,917.00	\$21,087.00	\$2,325.00	\$25,575.00	\$2,373.00	\$26,103.00	\$2,374.11	\$26,115.21	\$2,056.00	\$22,616.00
141	G12.25	36" RCP 45 DEGREE BEND	EA	3.00	\$1,800.00	\$5,400.00	\$2,228.96	\$6,686.88	\$2,011.04	\$6,033.12	\$2,325.00	\$6,975.00	\$2,373.00	\$7,119.00	\$2,374.11	\$7,122.33	\$2,056.00	\$6,168.00
142	G12.39	48" RCP 7.5 DEGREE BEND	EA	9.00	\$3,000.00	\$27,000.00	\$3,164.01	\$28,476.09	\$2,794.64	\$25,151.76	\$3,000.00	\$27,000.00	\$3,417.50	\$30,757.50	\$3,321.81	\$29,896.29	\$2,810.00	\$25,290.00
143	G12.41	60" RCP 7.5 DEGREE BEND	EA	4.00	\$4,000.00	\$16,000.00	\$3,911.34	\$15,645.36	\$3,379.59	\$13,518.36	\$3,495.00	\$13,980.00	\$4,295.00	\$17,180.00	\$4,143.66	\$16,574.64	\$3,560.00	\$14,240.00
144	G15.03	18" RCP PLUG/CAP	EA	2.00	\$500.00	\$1,000.00	\$303.26	\$606.52	\$234.10	\$468.20	\$325.00	\$650.00	\$309.00	\$618.00	\$384.15	\$768.30	\$395.00	\$790.00
145	G15.10	60" RCP PLUG/CAP	EA	2.00	\$1,500.00	\$3,000.00	\$855.14	\$1,710.28	\$617.23	\$1,234.46	\$850.00	\$1,700.00	\$874.50	\$1,749.00	\$892.57	\$1,785.14	\$705.75	\$1,411.50
146	G21.30	24" X 24" X 18" RCP TEE	EA	1.00	\$1,500.00	\$1,500.00	\$1,372.49	\$1,372.49	\$1,356.47	\$1,356.47	\$1,390.00	\$1,390.00	\$1,520.50	\$1,520.50	\$1,436.90	\$1,436.90	\$1,355.00	\$1,355.00
147	G21.33	54" X 54" X 18" RCP TEE	EA	2.00	\$2,500.00	\$5,000.00	\$2,645.39	\$5,290.78	\$2,202.78	\$4,405.56	\$2,500.00	\$5,000.00	\$2,740.00	\$5,480.00	\$2,668.38	\$5,336.76	\$2,550.00	\$5,100.00
148	G221.34	36" X 18" RCP REDUCER	EA	1.00	\$1,500.00	\$1,500.00	\$405.62	\$405.62	\$343.67	\$343.67	\$590.00	\$590.00	\$682.90	\$682.90	\$491.29	\$491.29	\$475.00	\$475.00
149	G24.01	7' X 3' PRECAST BOX CULVERT	LF	128.00	\$750.00	\$96,000.00	\$606.04	\$77,573.12	\$566.91	\$72,564.48	\$745.00	\$95,360.00	\$638.20	\$81,689.60	\$708.50	\$90,688.00	\$859.00	\$109,952.00
150	G24.01.01	14' X 3' PRECAST BOX CULVERT	LF	652.00	\$950.00	\$619,400.00	\$1,023.47	\$667,302.44	\$906.70	\$591,168.40	\$975.00	\$635,700.00	\$981.50	\$639,938.00	\$1,172.86	\$764,704.72	\$1,189.55	\$775,586.60
151	G27.02	5' X 5' JUNCTION BOX	EA	2.00	\$7,250.00	\$14,500.00	\$7,528.02	\$15,056.04	\$5,215.07	\$10,430.14	\$7,200.00	\$14,400.00	\$6,246.00	\$12,492.00	\$13,666.05	\$27,332.10	\$9,636.00	\$19,272.00
152	G27.05	7' X 7' JUNCTION BOX	EA	1.00	\$10,000.00	\$10,000.00	\$9,336.52	\$9,336.52	\$8,420.60	\$8,420.60	\$9,100.00	\$9,100.00	\$8,546.00	\$8,546.00	\$8,708.76	\$8,708.76	\$11,105.00	\$11,105.00
153	G27.06	16' X 4' SPECIAL JUNCTION BOX	LS	1.00	\$12,500.00	\$12,500.00	\$15,829.13	\$15,829.13	\$15,050.94	\$15,050.94	\$14,500.00	\$14,500.00	\$13,759.00	\$13,759.00	\$14,343.08	\$14,343.08	\$14,660.00	\$14,660.00
154	G31.01	TYPE "B" INLET 2X3	EA	2.00	\$2,750.00	\$5,500.00	\$4,431.43	\$8,862.86	\$2,304.14	\$4,608.28	\$3,800.00	\$7,600.00	\$3,409.25	\$6,818.50	\$3,935.64	\$7,871.28	\$3,445.00	\$6,890.00
155	G38.01	CONNECT TO EXISTING STORM SEWER	EA	8.00	\$500.00	\$4,000.00	\$426.20	\$3,409.60	\$888.01	\$7,104.08	\$1,300.00	\$10,400.00	\$1,400.00	\$11,200.00	\$954.46	\$7,635.68	\$1,700.00	\$13,600.00
156	G38.01.01	DISC GOLF SWQ OUTLET STRUCTURE	LS	1.00	\$8,500.00	\$8,500.00	\$17,384.64	\$17,384.64	\$8,347.53	\$8,347.53	\$12,000.00	\$12,000.00	\$7,147.00	\$7,147.00	\$8,126.46	\$8,126.46	\$9,671.50	\$9,671.50
157	G38.01.02	DISC GOLF SPECIAL INLET W/ BOX	LS	1.00	\$13,500.00	\$13,500.00	\$24,673.44	\$24,673.44	\$11,728.02	\$11,728.02	\$21,000.00	\$21,000.00	\$19,956.00	\$19,956.00	\$24,351.77	\$24,351.77	\$12,396.00	\$12,396.00
158	G38.01.03	11TH STREET SWQ OUTLET STRUCTURE	LS	1.00	\$5,000.00	\$5,000.00	\$9,362.05	\$9,362.05	\$6,552.02	\$6,552.02	\$12,000.00	\$12,000.00	\$5,766.00	\$5,766.00	\$6,636.18	\$6,636.18	\$6,380.75	\$6,380.75
159	G38.01.04	CONCRETE SPILLWAY AND HEADWALLS	LS	1.00	\$7,500.00	\$7,500.00	\$13,848.49	\$13,848.49	\$9,599.70	\$9,599.70	\$21,000.00	\$21,000.00	\$13,178.00	\$13,178.00	\$15,210.95	\$15,210.95	\$10,500.00	\$10,500.00
160	G38.01.05	DISC GOLF CONCRETE HEADWALL	LS	1.00	\$12,500.00	\$12,500.00	\$16,542.21	\$16,542.21	\$16,611.03	\$16,611.03	\$22,000.00	\$22,000.00	\$13,897.00	\$13,897.00	\$17,220.67	\$17,220.67	\$14,500.00	\$14,500.00
161	G38.01.06	BOX CULVERT FOOTINGS	LS	1.00	\$5,000.00	\$5,000.00	\$3,126.83	\$3,126.83	\$2,681.56	\$2,681.56	\$3,500.00	\$3,500.00	\$3,046.00	\$3,046.00	\$2,813.60	\$2,813.60	\$4,800.00	\$4,800.00
162	G38.01.07	12TH STREET SEDIMENT BASIN	LS	1.00	\$35,000.00	\$35,000.00	\$37,805.90	\$37,805.90	\$45,172.51	\$45,172.51	\$43,500.00	\$43,500.00	\$32,312.50	\$32,312.50	\$40,696.38	\$40,696.38	\$34,575.00	\$34,575.00

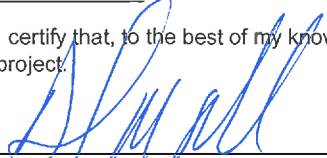
163	G38.01.08	30-INCH SANITARY SEWER CROSSING	LS	1.00	\$5,500.00	\$5,500.00	\$3,402.18	\$3,402.18	\$2,923.29	\$2,923.29	\$8,500.00	\$8,500.00	\$3,646.00	\$3,646.00	\$3,349.52	\$3,349.52	\$3,700.00	\$3,700.00
164	H02.04	CLASS II RIIPRAP	T	416.00	\$45.00	\$18,720.00	\$45.48	\$18,919.68	\$55.91	\$23,258.56	\$49.00	\$20,384.00	\$87.00	\$36,192.00	\$44.43	\$18,482.88	\$50.20	\$20,883.20
165	H02.06	CLASS III RIPRAP	T	329.00	\$45.00	\$14,805.00	\$47.09	\$15,492.61	\$55.83	\$18,368.07	\$50.00	\$16,450.00	\$92.00	\$30,268.00	\$44.43	\$14,617.47	\$50.20	\$16,515.80
166	H02.08	ARTICULATED CONCRETE BLOCK MATTING	SF	11108.00	\$16.00	\$177,728.00	\$13.86	\$153,956.88	\$12.46	\$138,405.68	\$14.95	\$166,064.60	\$12.35	\$137,183.80	\$13.11	\$145,625.88	\$17.00	\$188,836.00
167	H07.02	EROSION CONTROL BLANKET, TYPE 2	SY	6831.00	\$3.00	\$20,493.00	\$2.20	\$15,028.20	\$1.52	\$10,383.12	\$1.50	\$10,246.50	\$1.40	\$9,563.40	\$2.34	\$15,984.54	\$1.55	\$10,588.05
168	H07.03	EROSION CONTROL BLANKET, TYPE 3	SY	3751.00	\$4.00	\$15,004.00	\$2.51	\$9,415.01	\$1.97	\$7,389.47	\$1.95	\$7,314.45	\$1.80	\$6,751.80	\$2.68	\$10,052.68	\$2.00	\$7,502.00
169	H10.02	TURF REINFORCEMENT MAT TYPE 1	SY	924.00	\$9.00	\$8,316.00	\$6.91	\$6,384.84	\$7.34	\$6,782.16	\$7.20	\$6,652.80	\$7.00	\$6,468.00	\$7.37	\$6,809.88	\$7.35	\$6,791.40
170	H12.01	SILT FENCE	LF	100.00	\$5.00	\$500.00	\$5.02	\$502.00	\$5.64	\$564.00	\$5.50	\$550.00	\$5.80	\$580.00	\$5.36	\$536.00	\$5.65	\$565.00
171	H12.05	SILT CURTAIN	LF	254.00	\$10.00	\$2,540.00	\$24.22	\$6,151.88	\$24.83	\$6,306.82	\$24.00	\$6,096.00	\$23.50	\$5,969.00	\$21.83	\$5,544.82	\$25.00	\$6,350.00
172	H12.06	TRIANGULAR SILT DIKE	LF	74.00	\$6.00	\$444.00	\$12.55	\$928.70	\$16.93	\$1,252.82	\$17.00	\$1,258.00	\$16.50	\$1,221.00	\$13.40	\$991.60	\$17.00	\$1,258.00
173	H13.01	VEHICLE TRACKING CONTROL	EA	5.00	\$2,000.00	\$10,000.00	\$1,143.49	\$5,717.45	\$2,570.30	\$12,851.50	\$950.00	\$4,750.00	\$1,600.00	\$8,000.00	\$1,075.89	\$5,379.45	\$1,500.00	\$7,500.00
174	H15.02	12" SEDIMENT CONTROL WATTLE	LF	2632.00	\$4.50	\$11,844.00	\$4.08	\$10,738.56	\$5.08	\$13,370.56	\$5.00	\$13,160.00	\$4.75	\$12,502.00	\$4.35	\$11,449.20	\$5.10	\$13,423.20
175	H15.03	GRAVEL FILTER SOCK	LF	270.00	\$10.00	\$2,700.00	\$12.55	\$3,388.50	\$3.10	\$837.00	\$3.16	\$853.20	\$3.20	\$864.00	\$13.40	\$3,618.00	\$3.10	\$837.00
176	H16.01	INLET PROTECTION DEVICE	EA	37.00	\$200.00	\$7,400.00	\$143.72	\$5,317.64	\$101.57	\$3,758.09	\$100.00	\$3,700.00	\$96.00	\$3,552.00	\$200.97	\$7,435.89	\$105.00	\$3,885.00
177	H16.04	TEMPORARY SEDIMENT TRAP	EA	3.00	\$2,000.00	\$6,000.00	\$1,297.11	\$3,891.33	\$451.42	\$1,354.26	\$460.00	\$1,380.00	\$425.00	\$1,275.00	\$2,497.67	\$7,493.01	\$855.00	\$2,565.00
178	I01.01.1	TRAVEL GRAVEL	T	100.00	\$25.00	\$2,500.00	\$18.99	\$1,899.00	\$22.34	\$2,234.00	\$21.00	\$2,100.00	\$29.70	\$2,970.00	\$20.51	\$2,051.00	\$18.45	\$1,845.00
179	I01.01.2	TEMPORARY BIKE PATH SURFACING	SY	600.00	\$50.00	\$30,000.00	\$40.10	\$24,060.00	\$33.79	\$20,274.00	\$49.00	\$29,400.00	\$38.70	\$23,220.00	\$37.51	\$22,506.00	\$31.75	\$19,050.00
180	I01.02	AGGREGATE BASE COURSE	T	5620.00	\$22.00	\$123,640.00	\$19.09	\$107,285.80	\$23.26	\$130,721.20	\$23.00	\$129,260.00	\$29.45	\$165,509.00	\$21.83	\$122,684.60	\$21.00	\$118,020.00
181	I02.03	GRAVEL SURFACING, TEMPORARY	T	200.00	\$22.00	\$4,400.00	\$18.23	\$3,646.00	\$37.77	\$7,554.00	\$30.00	\$6,000.00	\$25.35	\$5,070.00	\$20.51	\$4,102.00	\$18.45	\$3,690.00
182	I03.03	GEOGRID SUBGRADE REINFORCEMENT	SY	500.00	\$4.00	\$2,000.00	\$3.37	\$1,685.00	\$2.54	\$1,270.00	\$3.00	\$1,500.00	\$3.85	\$1,925.00	\$4.20	\$2,100.00	\$3.00	\$1,500.00
183	I03.04	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	500.00	\$4.50	\$2,250.00	\$3.37	\$1,685.00	\$2.62	\$1,310.00	\$3.20	\$1,600.00	\$4.70	\$2,350.00	\$4.20	\$2,100.00	\$3.00	\$1,500.00
184	I04.01	AC, CLASS E, TYPE 1 PG64-28	T	2532.00	\$120.00	\$303,840.00	\$105.78	\$267,834.96	\$107.21	\$271,455.72	\$94.00	\$238,008.00	\$85.00	\$215,220.00	\$112.88	\$285,812.16	\$95.25	\$241,173.00
185	I13.07	PCC PAVEMENT, 9" REINFORCED	SY	109.00	\$70.00	\$7,630.00	\$120.53	\$13,137.77	\$78.87	\$8,596.83	\$108.00	\$11,772.00	\$111.20	\$12,120.80	\$128.62	\$14,019.58	\$135.60	\$14,780.40
186	I16.07	PCC PAVEMENT, 9" NONREINFORCED	SY	61.00	\$100.00	\$6,100.00	\$112.99	\$6,892.39	\$66.65	\$4,065.65	\$102.00	\$6,222.00	\$104.25	\$6,359.25	\$120.58	\$7,355.38	\$105.00	\$6,405.00
187	I16.09	PCC PAVEMENT, 10" NONREINFORCED	SY	876.00	\$120.00	\$105,120.00	\$84.12	\$73,689.12	\$78.28	\$68,573.28	\$75.00	\$65,700.00	\$77.60	\$67,977.60	\$89.77	\$78,638.52	\$115.00	\$100,740.00
188	I17.01	PCC APPROACH PAVEMENT, 6" REINFORCED	SY	1327.00	\$90.00	\$119,430.00	\$69.05	\$91,629.35	\$54.99	\$72,971.73	\$70.00	\$92,890.00	\$63.70	\$84,529.90	\$73.69	\$97,786.63	\$77.75	\$103,174.25
189	I19.01	CONCRETE CURB & GUTTER, TYPE B66	LF	1425.00	\$26.00	\$37,050.00	\$25.11	\$35,781.75	\$32.22	\$45,913.50	\$24.50	\$34,912.50	\$23.00	\$32,775.00	\$26.80	\$38,190.00	\$22.60	\$32,205.00
190	I19.07	CONCRETE CURB & GUTTER, TYPE B69	LF	8.00	\$42.00	\$336.00	\$43.94	\$351.52	\$61.22	\$489.76	\$50.00	\$400.00	\$40.50	\$324.00	\$46.90	\$375.20	\$25.00	\$200.00

191	I19.09	CONCRETE CURB & GUTTER, TYPE B610	LF	121.00	\$42.00	\$5,082.00	\$43.94	\$5,316.74	\$47.94	\$5,800.74	\$45.00	\$5,445.00	\$40.50	\$4,900.50	\$46.90	\$5,674.90	\$28.75	\$3,478.75
192	I21.01	CONCRETE GUTTER, TYPE P6	LF	324.00	\$26.00	\$8,424.00	\$25.11	\$8,135.64	\$29.54	\$9,570.96	\$22.00	\$7,128.00	\$23.20	\$7,516.80	\$26.80	\$8,683.20	\$22.80	\$7,387.20
193	I24.01	CONCRETE FILLET & PAN, 6" REINFORCED	SY	188.00	\$110.00	\$20,680.00	\$106.72	\$20,063.36	\$96.83	\$18,204.04	\$96.00	\$18,048.00	\$98.45	\$18,508.60	\$113.89	\$21,411.32	\$100.00	\$18,800.00
194	I24.07	CONCRETE FILLET & PAN, 9" REINFORCED	SY	85.00	\$120.00	\$10,200.00	\$115.51	\$9,818.35	\$130.69	\$11,108.65	\$104.00	\$8,840.00	\$106.50	\$9,052.50	\$123.27	\$10,477.95	\$141.75	\$12,048.75
195	I29.02	DOWEL BAR	EA	256.00	\$12.00	\$3,072.00	\$13.81	\$3,535.36	\$11.85	\$3,033.60	\$12.00	\$3,072.00	\$12.75	\$3,264.00	\$14.73	\$3,770.88	\$17.00	\$4,352.00
196	I30.01	INSERT STEEL BAR IN CONCRETE	EA	474.00	\$25.00	\$11,850.00	\$11.30	\$5,356.20	\$11.41	\$5,408.34	\$10.00	\$4,740.00	\$10.45	\$4,953.30	\$12.06	\$5,716.44	\$17.00	\$8,058.00
197	I33.01	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	5723.00	\$6.00	\$34,338.00	\$5.34	\$30,560.82	\$5.80	\$33,193.40	\$6.50	\$37,199.50	\$5.95	\$34,051.85	\$5.70	\$32,621.10	\$4.80	\$27,470.40
198	I38.01	DETECTABLE WARNING PANEL	SF	70.00	\$45.00	\$3,150.00	\$50.22	\$3,515.40	\$19.97	\$1,397.90	\$45.00	\$3,150.00	\$46.35	\$3,244.50	\$53.59	\$3,751.30	\$41.00	\$2,870.00
199	I39.04.01	GRID BLOCK WALL	SF	358.00	\$35.00	\$12,530.00	\$66.13	\$23,674.54	\$43.09	\$15,426.22	\$100.00	\$35,800.00	\$98.45	\$35,245.10	\$48.85	\$17,488.30	\$70.75	\$25,328.50
200	I39.04.01	DISC GOLF BASKET RELOCATION	EA	9.00	\$500.00	\$4,500.00	\$358.91	\$3,230.19	\$234.44	\$2,109.96	\$200.00	\$1,800.00	\$347.50	\$3,127.50	\$200.97	\$1,808.73	\$225.00	\$2,025.00
201	I39.04.02	DISC GOLF TEE RELOCATION	EA	9.00	\$1,000.00	\$9,000.00	\$945.07	\$8,505.63	\$844.79	\$7,603.11	\$1,250.00	\$11,250.00	\$1,969.00	\$17,721.00	\$803.89	\$7,235.01	\$680.00	\$6,120.00
202	I39.04.03	INTERPRETIVE SIGN PANEL AND BASE	EA	1.00	\$5,000.00	\$5,000.00	\$10,829.74	\$10,829.74	\$2,812.48	\$2,812.48	\$4,000.00	\$4,000.00	\$5,790.00	\$5,790.00	\$2,295.82	\$2,295.82	\$6,825.00	\$6,825.00
203	J04.01	CHAIN LINK FENCE	LF	168.00	\$55.00	\$9,240.00	\$31.37	\$5,270.16	\$28.20	\$4,737.60	\$27.00	\$4,536.00	\$29.00	\$4,872.00	\$43.01	\$7,225.68	\$36.28	\$6,095.04
204	J20.02	DECIDUOUS TREE (2" CAL B&B)	EA	17.00	\$500.00	\$8,500.00	\$602.64	\$10,244.88	\$564.27	\$9,592.59	\$550.00	\$9,350.00	\$579.00	\$9,843.00	\$643.11	\$10,932.87	\$565.00	\$9,605.00
205	K18.01	PREFORMED DETECTOR LOOP	EA	3.00	\$500.00	\$1,500.00	\$1,599.50	\$4,798.50	\$1,437.76	\$4,313.28	\$1,450.00	\$4,350.00	\$1,475.50	\$4,426.50	\$3,287.45	\$9,862.35	\$1,450.00	\$4,350.00
206	K18.04	SAWCUT DETECTOR LOOP	EA	2.00	\$1,000.00	\$2,000.00	\$2,409.29	\$4,818.58	\$2,759.43	\$5,518.86	\$2,150.00	\$4,300.00	\$2,222.50	\$4,445.00	\$2,571.10	\$5,142.20	\$2,170.00	\$4,340.00
207	L01.01	PAVEMENT MARKING PAINT, 4" WHITE	LF	550.00	\$0.50	\$275.00	\$0.31	\$170.50	\$0.28	\$154.00	\$0.28	\$154.00	\$0.30	\$165.00	\$0.33	\$181.50	\$0.30	\$165.00
208	L03.01	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" WHITE	LF	323.00	\$3.50	\$1,130.50	\$3.95	\$1,275.85	\$3.55	\$1,146.65	\$3.60	\$1,162.80	\$3.65	\$1,178.95	\$4.22	\$1,363.06	\$3.55	\$1,146.65
209	L03.01.1	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" YELLOW	LF	1059.00	\$3.50	\$3,706.50	\$3.95	\$4,183.05	\$3.55	\$3,759.45	\$3.60	\$3,812.40	\$3.65	\$3,865.35	\$4.22	\$4,468.98	\$3.55	\$3,759.45
210	L03.05	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	LF	302.00	\$18.00	\$5,436.00	\$25.11	\$7,583.22	\$22.57	\$6,816.14	\$22.00	\$6,644.00	\$23.15	\$6,991.30	\$26.80	\$8,093.60	\$22.60	\$6,825.20
211	L03.05.1	COLD APPLIED PLASTIC PAVEMENT MARKING, RAILROAD MARKING	EA	2.00	\$500.00	\$1,000.00	\$1,067.17	\$2,134.34	\$959.27	\$1,918.54	\$950.00	\$1,900.00	\$984.50	\$1,969.00	\$1,138.84	\$2,277.68	\$960.50	\$1,921.00
212	L03.06	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	EA	1.00	\$200.00	\$200.00	\$219.71	\$219.71	\$197.49	\$197.49	\$198.00	\$198.00	\$202.70	\$202.70	\$234.47	\$234.47	\$205.00	\$205.00
213	L04.01	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	LF	1382.00	\$1.00	\$1,382.00	\$0.63	\$870.66	\$0.56	\$773.92	\$0.55	\$760.10	\$0.58	\$801.56	\$0.67	\$925.94	\$0.57	\$787.74
214	L04.05	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	LF	302.00	\$5.00	\$1,510.00	\$3.77	\$1,138.54	\$3.39	\$1,023.78	\$3.40	\$1,026.80	\$3.50	\$1,057.00	\$4.02	\$1,214.04	\$3.40	\$1,026.80
215	L04.06	GROOVE FOR COLD APPLIED PLASTIC MARKING, ARROW	EA	1.00	\$200.00	\$200.00	\$156.94	\$156.94	\$141.08	\$141.08	\$145.00	\$145.00	\$144.80	\$144.80	\$167.48	\$167.48	\$141.25	\$141.25
216	L05.03	ARROW BOARD	EA	3.00	\$500.00	\$1,500.00	\$2,197.11	\$6,591.33	\$1,974.95	\$5,924.85	\$2,000.00	\$6,000.00	\$2,027.00	\$6,081.00	\$2,344.67	\$7,034.01	\$1,977.50	\$5,932.50
217	L06.01	TRAFFIC CONTROL, MISCELLANEOUS	LS	1.00	\$22,500.00	\$22,500.00	\$26,114.22	\$26,114.22	\$23,473.74	\$23,473.74	\$23,450.00	\$23,450.00	\$24,090.00	\$24,090.00	\$27,868.02	\$27,868.02	\$23,505.00	\$23,505.00
218	L06.01.01	TRAFFIC CONTROL	UNIT	3610.00	\$4.50	\$16,245.00	\$5.02	\$18,122.20	\$4.51	\$16,281.10	\$4.60	\$16,606.00	\$4.65	\$16,786.50	\$5.36	\$19,349.60	\$4.55	\$16,425.50

219	L06.02	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2.00	\$8,500.00	\$17,000.00	\$13,182.66	\$26,365.32	\$11,849.73	\$23,699.46	\$12,000.00	\$24,000.00	\$12,161.00	\$24,322.00	\$14,067.99	\$28,135.98	\$11,865.00	\$23,730.00
220	L06.03	FLAGGING	HR	500.00	\$50.00	\$25,000.00	\$21.72	\$10,860.00	\$28.02	\$14,010.00	\$25.00	\$12,500.00	\$29.00	\$14,500.00	\$22.76	\$11,380.00	\$35.00	\$17,500.00
TOTAL						\$5,498,180.00		\$4,099,992.79		\$4,207,241.00		\$4,624,996.10		\$4,736,887.20		\$4,952,333.60		\$5,637,219.98

CONSULTANT

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


Dave Muck, PE
FEC, Inc.

2-2-17
Date

CITY OF RAPID CITY

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


Brandon Quiett, PE
Project Manager

2/2/17
Date