

BID SUMMARY
August 6, 2012

1. No. CC080612-02.1 – Rapid City Regional Airport Water Main Construction Project No. 12-2014 / CIP No. 50901 (Opened on July 31, 2012)

ADVERTISING AUTHORITY	\$1,000,000.00
ENGINEER'S ESTIMATE	\$1,055,000.00

	Base Bid
1. R.C.S. Construction, Inc.*	\$1,356,729.00
2. Site Works Specialists, Inc.*	\$926,058.50
3. Heavy Constructors, Inc.*	\$1,517,439.98
4. Hills Materials Company*	\$1,224,936.00
5. Mainline Contracting, Inc.*	\$1,146,111.00
6. Lind-Exco, Inc.*	\$1,036,371.19
7. Rapid Construction Company, LLC*	\$867,273.58

* Cashier's Check, Money Order or Bank Draft Submitted

** Bid Bond Submitted

2. No. CC080612-02.2 – Five (5) Phillips MRx ALS Monitor Defibrillators, Rapid City Fire Department (Opened on July 31, 2012)

ADVERTISING AUTHORITY	\$100,000.00
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	Base Bid
1. Olson Enterprises Inc DBA Respond Systems*	\$97,800.00

* Cashier's Check, Money Order or Bank Draft Submitted

** Bid Bond Submitted

BID AWARD SUMMARY

LETTING DATE: July 31, 2012

PROJECT: Rapid City Regional Airport Water Main Construction – Project 4
Project No. 12-2014 / CIP No. 50901

RECOMMENDATION: Award Total Bid in the amount of \$867,273.58 to
Rapid Construction, LLC. at the August 6, 2012 Council Meeting.

BIDDERS' SUMMARY

CONTRACTORS	TOTAL BID
Rapid Construction Company, LLC.	\$867,273.58
Site Works Specialist, Inc.	\$926,058.50
Lind-Exco, Inc.	\$1,036,371.19
Mainline Contracting, Inc.	\$1,146,111.00
Hills Materials Company	\$1,224,936.00
R.C.S. Construction, Inc.	\$1,356,729.00
Heavy Constructors, Inc.	\$1,517,439.98

City staff recommends awarding this project to Rapid Construction, LLC. for a total bid amount of \$867,273.58 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Water Bond
ADVERTISING AUTHORITY	\$1,000,000.00	\$
ENGINEER'S ESTIMATE	\$1,055,000.00	\$

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Water Bond
COST CENTER		0932
LINE ITEM		4381
FUNDING CENTER		0602
BID AMOUNT	\$867,273.58	\$867,273.58

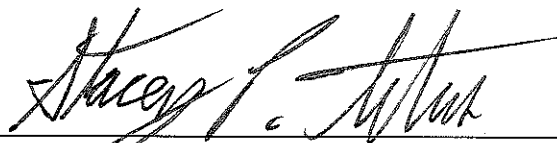
CONSULTANT:


David LaFrance, PE
Banner Associates, Inc.

DATE:

8/1/2012

PROJECT MANAGER:


Stacey Titus, PE
City of Rapid City

DATE:

8/1/12

PROJECT NAME: Rapid City Regional Airport Water Main Construction

PROJECT NUMBER: PROJECT NO. 12 - 2014 / CIP NO. 50901

LET DATE: 2:00 P.M. - July 31, 2012

LOW BID AMOUNT: \$867,273.58

				ENGINEER'S ESTIMATE		RAPID CONSTRUCTION, LLC		SITE WORKS SPECIALISTS, INC.		LIND-EXCO, INC.		MAINLINE CONTRACTING, INC.		HILLS MATERIALS COMPANY		R.C.S. CONSTRUCTION, INC.		HEAVY CONSTRUCTORS, INC.	
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	UNIT COST	TOTAL COST
1	MOBILIZATION	LS	1.0	\$22,010.00	\$22,010.00	\$29,938.75	\$29,938.75	\$2,900.00	\$2,900.00	\$7,200.00	\$7,200.00	\$80,000.00	\$80,000.00	\$14,400.00	\$14,400.00	\$70,300.00	\$70,300.00	\$ 138,112.70	\$138,112.70
2	INCIDENTAL WORK	LS	1.0	\$4,500.00	\$4,500.00	\$22,280.73	\$22,280.73	\$22,500.00	\$22,500.00	\$13,115.00	\$13,115.00	\$120,000.00	\$120,000.00	\$10,450.00	\$10,450.00	\$160,100.00	\$160,100.00	\$ 24,019.60	\$24,019.60
3	CONSTRUCTION STAKING	LS	1.0	\$5,150.00	\$5,150.00	\$14,700.00	\$14,700.00	\$12,000.00	\$12,000.00	\$22,600.00	\$22,600.00	\$14,200.00	\$14,200.00	\$16,146.50	\$16,146.50	\$16,506.00	\$16,506.00	\$ 16,813.72	\$16,813.72
4	TRAFFIC CONTROL	LS	1.0	\$500.00	\$500.00	\$2,640.00	\$2,640.00	\$2,500.00	\$2,500.00	\$1,443.26	\$1,443.26	\$750.00	\$750.00	\$2,175.00	\$2,175.00	\$1,769.00	\$1,769.00	\$ 12,009.80	\$12,009.80
5	WATER POLLUTION CONTROL	LS	1.0	\$500.00	\$500.00	\$2,100.00	\$2,100.00	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00	\$3,400.00	\$3,400.00	\$1,850.00	\$1,850.00	\$2,303.00	\$2,303.00	\$ 12,009.80	\$12,009.80
6	TEMPORARY STREAM CROSSING	EA	1.0	\$1,250.00	\$1,250.00	\$2,620.00	\$2,620.00	\$3,400.00	\$3,400.00	\$5,200.00	\$5,200.00	\$3,200.00	\$3,200.00	\$2,350.00	\$2,350.00	\$1,425.00	\$1,425.00	\$ 1,801.47	\$1,801.47
7	CONSTRUCTION EROSION CONTROL (SILT FENCE)	LF	1,800.0	\$5.50	\$9,900.00	\$4.20	\$7,560.00	\$4.50	\$8,100.00	\$4.30	\$7,740.00	\$5.00	\$9,000.00	\$5.50	\$9,900.00	\$5.00	\$9,000.00	\$ 4.80	\$8,640.00
8	REMOVE SILT FENCE	LF	1,800.0	\$1.25	\$2,250.00	\$1.00	\$1,800.00	\$1.50	\$2,700.00	\$0.80	\$1,440.00	\$1.00	\$1,800.00	\$1.10	\$1,980.00	\$3.00	\$5,400.00	\$ 1.20	\$2,160.00
9	MUCKING SILT FENCE	LF	500.0	\$2.50	\$1,250.00	\$1.00	\$500.00	\$2.50	\$1,250.00	\$4.70	\$2,350.00	\$5.00	\$2,500.00	\$5.50	\$2,750.00	\$3.00	\$1,500.00	\$ 3.00	\$1,500.00
10	SEDIMENT CONTROL WATTLE (SCW)	LF	600.0	\$6.00	\$3,600.00	\$2.89	\$1,734.00	\$3.10	\$1,860.00	\$3.85	\$2,310.00	\$7.50	\$4,500.00	\$8.15	\$4,890.00	\$5.00	\$3,000.00	\$ 3.30	\$1,980.00
11	REMOVE AND RESET SEDIMENT CONTROL WATTLE	LF	100.0	\$2.50	\$250.00	\$4.00	\$400.00	\$1.50	\$150.00	\$2.60	\$260.00	\$5.00	\$500.00	\$5.50	\$550.00	\$4.00	\$400.00	\$ 2.10	\$210.00
12	REMOVE SEDIMENT CONTROL WATTLE	LF	600.0	\$1.50	\$900.00	\$1.00	\$600.00	\$1.00	\$600.00	\$1.25	\$750.00	\$1.00	\$600.00	\$1.10	\$660.00	\$3.00	\$1,800.00	\$ 1.20	\$720.00
13	CONSTRUCTION EROSION CONTROL (EROSION CONTROL BLANKET)	SY	6,900.0	\$3.75	\$25,875.00	\$2.10	\$14,490.00	\$2.25	\$15,525.00	\$2.00	\$13,800.00	\$2.00	\$13,800.00	\$2.20	\$15,180.00	\$4.00	\$27,600.00	\$ 2.40	\$16,560.00
14	SEEDING, FERTILIZING, MULCHING	SY	36,400.0	\$1.20	\$43,680.00	\$0.20	\$7,280.00	\$0.22	\$8,008.00	\$0.85	\$30,940.00	\$0.60	\$21,840.00	\$0.55	\$20,020.00	\$1.35	\$49,140.00	\$ 0.23	\$8,372.00
15	TUBULAR GATES	EA	2.0	\$1,200.00	\$2,400.00	\$262.50	\$525.00	\$400.00	\$800.00	\$550.00	\$1,100.00	\$650.00	\$1,300.00	\$275.00	\$550.00	\$555.00	\$1,110.00	\$ 420.34	\$840.68
16	BRACE PANELS	EA	4.0	\$500.00	\$2,000.00	\$131.25	\$525.00	\$125.00	\$500.00	\$505.14	\$2,020.56	\$1,200.00	\$4,800.00	\$140.00	\$560.00	\$124.00	\$496.00	\$ 132.11	\$528.44
17	TOPSOIL, REMOVE AND STOCKPILE	CY	2,500.0	\$7.50	\$18,750.00	\$1.50	\$3,750.00	\$2.00	\$5,000.00	\$2.50	\$6,250.00	\$3.25	\$8,125.00	\$4.00	\$10,000.00	\$1.50	\$3,750.00	\$ 3.60	\$9,000.00
18	REMOVE AND SALVAGE CHAIN LINK FENCE	LF	50.0	\$45.00	\$2,250.00	\$7.35	\$367.50	\$9.00	\$450.00	\$1.85	\$92.50	\$15.00	\$750.00	\$7.65	\$382.50	\$12.00	\$600.00	\$ 9.61	\$480.50
19	REMOVE AND RESET CHAIN LINK GATE	LF	30.0	\$85.00	\$2,550.00	\$27.99	\$839.70	\$20.50	\$615.00	\$17.00	\$510.00	\$45.00	\$1,350.00	\$870.00	\$26,100.00	\$65.00	\$1,950.00	\$ 21.62	\$648.60
20	REMOVE AND REPLACE BARBED WIRE FENCE	LF	50.0	\$20.00	\$1,000.00	\$2.63	\$131.50	\$2.00	\$100.00	\$1.80	\$90.00	\$5.00	\$250.00	\$2.75	\$137.50	\$2.00	\$100.00	\$ 1.80	\$90.00
21	UNCLASSIFIED EXCAVATION - DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL	TON	300.0	\$37.25	\$11,175.00	\$26.34	\$7,902.00	\$16.00	\$4,800.00	\$26.80	\$8,040.00	\$25.00	\$7,500.00	\$28.50	\$8,550.00	\$22.00	\$6,600.00	\$ 28.28	\$8,484.00
22	TYPE 1 BEDDING	TON	200.0	\$19.00	\$3,800.00	\$18.16	\$3,632.00	\$14.00	\$2,800.00	\$20.40	\$4,080.00	\$14.00	\$2,800.00	\$29.00	\$5,800.00	\$20.00	\$4,000.00	\$ 23.48	\$4,696.00

23	TYPE II FOUNDATION MATERIAL	TON	200.0	\$20.00	\$4,000.00	\$18.05	\$3,610.00	\$14.00	\$2,800.00	\$23.00	\$4,600.00	\$15.00	\$3,000.00	\$26.00	\$5,200.00	\$20.00	\$4,000.00	\$ 22.28	\$4,456.00
24	TYPE III FOUNDATION MATERIAL (TRENCH)	TON	200.0	\$23.00	\$4,600.00	\$19.92	\$3,984.00	\$14.00	\$2,800.00	\$26.80	\$5,360.00	\$15.00	\$3,000.00	\$27.85	\$5,570.00	\$22.00	\$4,400.00	\$ 23.48	\$4,696.00
25	AASHTO T-180 SOIL TEST	EA	3.0	\$200.00	\$600.00	\$283.50	\$850.50	\$200.00	\$600.00	\$360.00	\$1,080.00	\$190.00	\$570.00	\$175.00	\$525.00	\$212.00	\$636.00	\$ 216.18	\$648.54
26	EXCAVATION, EXPLORATORY	EA	2.0	\$680.00	\$1,360.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$650.00	\$1,300.00	\$1,500.00	\$3,000.00	\$825.00	\$1,650.00	\$229.00	\$458.00	\$ 3,002.45	\$6,004.90
27	UNCLASSIFIED EXCAVATION	CY	6,200.0	\$12.00	\$74,400.00	\$2.00	\$12,400.00	\$3.10	\$19,220.00	\$3.60	\$22,320.00	\$6.25	\$38,750.00	\$12.20	\$75,640.00	\$3.00	\$18,600.00	\$ 12.01	\$74,462.00
28	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	400.0	\$18.00	\$7,200.00	\$12.40	\$4,960.00	\$3.60	\$1,440.00	\$11.00	\$4,400.00	\$5.00	\$2,000.00	\$15.00	\$6,000.00	\$8.00	\$3,200.00	\$ 12.01	\$4,804.00
29	REMOVE RUBBLE	CY	200.0	\$15.00	\$3,000.00	\$13.07	\$2,614.00	\$10.50	\$2,100.00	\$14.50	\$2,900.00	\$25.00	\$5,000.00	\$32.00	\$6,400.00	\$6.00	\$1,200.00	\$ 12.01	\$2,402.00
30	CONNECT TO EXISTING 12-INCH WATER MAIN	EA	2.0	\$2,200.00	\$4,400.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00	\$2,200.00	\$4,400.00	\$ 3,002.45	\$6,004.90
31	12" PVC WATER MAIN, AWWA C-900, (DR 18) RESTRAINED JOINT	LF	1,200.0	\$55.00	\$66,000.00	\$41.83	\$50,196.00	\$51.00	\$61,200.00	\$54.24	\$65,088.00	\$44.00	\$52,800.00	\$60.00	\$72,000.00	\$53.00	\$63,600.00	\$ 67.41	\$80,892.00
32	16" PVC WATER MAIN, PVC C-905, (DR 18) RESTRAINED JOINT	LF	5,325.0	\$65.00	\$346,125.00	\$61.73	\$328,712.25	\$71.50	\$380,737.50	\$72.30	\$384,997.50	\$68.00	\$362,100.00	\$87.00	\$463,275.00	\$85.00	\$452,625.00	\$ 98.44	\$524,193.00
33	FIRE HYDRANT WITH AUX VALVE, BOX AND LEAD	EA	4.0	\$5,000.00	\$20,000.00	\$3,959.14	\$15,836.56	\$4,300.00	\$17,200.00	\$5,100.00	\$20,400.00	\$4,000.00	\$16,000.00	\$5,200.00	\$20,800.00	\$4,959.00	\$19,836.00	\$ 5,118.82	\$20,475.28
34	AIR/VAC WITH AUX VALVE, BOX AND LEAD	EA	1.0	\$5,500.00	\$5,500.00	\$4,731.20	\$4,731.20	\$6,200.00	\$6,200.00	\$6,400.00	\$6,400.00	\$5,200.00	\$5,200.00	\$6,161.00	\$6,161.00	\$6,132.00	\$6,132.00	\$ 6,400.68	\$6,400.68
35	COMBINATION FIRE HYDRANT & AIR/VAC ASSEMBLY WITH AUX VALVE, BOX AND LEAD	EA	4.0	\$8,000.00	\$32,000.00	\$7,636.09	\$30,544.36	\$8,500.00	\$34,000.00	\$10,200.00	\$40,800.00	\$8,000.00	\$32,000.00	\$10,000.00	\$40,000.00	\$9,566.00	\$38,264.00	\$ 10,462.89	\$41,851.56
36	UTILITY BOX	EA	5.0	\$300.00	\$1,500.00	\$356.73	\$1,783.65	\$300.00	\$1,500.00	\$215.00	\$1,075.00	\$250.00	\$1,250.00	\$380.00	\$1,900.00	\$324.00	\$1,620.00	\$ 486.72	\$2,433.60
37	12" 45 DEGREE BEND	EA	1.0	\$800.00	\$800.00	\$810.63	\$810.63	\$650.00	\$650.00	\$835.00	\$835.00	\$1,000.00	\$1,000.00	\$1,115.00	\$1,115.00	\$621.00	\$621.00	\$ 971.38	\$971.38
38	12" 11.25 DEGREE BEND	EA	1.0	\$800.00	\$800.00	\$634.71	\$634.71	\$625.00	\$625.00	\$790.00	\$790.00	\$1,000.00	\$1,000.00	\$885.00	\$885.00	\$587.00	\$587.00	\$ 936.49	\$936.49
39	12" X 6" X 12" TEE	EA	2.0	\$1,200.00	\$2,400.00	\$1,048.54	\$2,097.08	\$750.00	\$1,500.00	\$997.00	\$1,994.00	\$1,100.00	\$2,200.00	\$1,480.00	\$2,960.00	\$786.00	\$1,572.00	\$ 1,308.18	\$2,616.36
40	12" X 12" X 12" TEE	EA	1.0	\$1,400.00	\$1,400.00	\$1,202.49	\$1,202.49	\$950.00	\$950.00	\$1,230.00	\$1,230.00	\$12,000.00	\$12,000.00	\$1,890.00	\$1,890.00	\$965.00	\$965.00	\$ 1,131.06	\$1,131.06
41	12" GATE VALVE WITH BOX	EA	6.0	\$3,000.00	\$18,000.00	\$2,694.42	\$16,166.52	\$2,750.00	\$16,500.00	\$3,500.00	\$21,000.00	\$2,700.00	\$16,200.00	\$2,950.00	\$17,700.00	\$2,900.00	\$17,400.00	\$ 4,412.29	\$26,473.74
42	12 " LINEAR EXPANSION COUPLING	EA	1.0	\$1,500.00	\$1,500.00	\$3,015.60	\$3,015.60	\$250.00	\$250.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,200.00	\$3,200.00	\$3,436.00	\$3,436.00	\$ 4,507.57	\$4,507.57
43	12 " HIGH DEFLECTION COUPLING	EA	1.0	\$1,500.00	\$1,500.00	\$636.92	\$636.92	\$600.00	\$600.00	\$715.00	\$715.00	\$850.00	\$850.00	\$875.00	\$875.00	\$678.00	\$678.00	\$ 716.74	\$716.74
44	12 " TRANSITION COUPLINGS	EA	4.0	\$1,000.00	\$4,000.00	\$736.92	\$2,947.68	\$600.00	\$2,400.00	\$705.00	\$2,820.00	\$900.00	\$3,600.00	\$1,085.00	\$4,340.00	\$678.00	\$2,712.00	\$ 716.74	\$2,866.96
45	16" 11.25 DEGREE BEND	EA	6.0	\$1,400.00	\$8,400.00	\$1,188.07	\$7,128.42	\$1,125.00	\$6,750.00	\$1,448.00	\$8,688.00	\$1,500.00	\$9,000.00	\$1,500.00	\$9,000.00	\$1,173.00	\$7,038.00	\$ 1,428.77	\$8,572.62
46	16" 22.5 DEGREE BEND	EA	2.0	\$1,400.00	\$2,800.00	\$1,261.65	\$2,523.30	\$1,100.00	\$2,200.00	\$1,427.00	\$2,854.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$1,121.00	\$2,242.00	\$ 1,411.92	\$2,823.84
47	16" 45 DEGREE BEND	EA	1.0	\$1,400.00	\$1,400.00	\$1,446.57	\$1,446.57	\$1,125.00	\$1,125.00	\$1,445.00	\$1,445.00	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00	\$1,207.00	\$1,207.00	\$ 1,426.97	\$1,426.97
48	16" 90 DEGREE BEND	EA	1.0	\$2,200.00	\$2,200.00	\$2,027.48	\$2,027.48	\$1,200.00	\$1,200.00	\$1,580.00	\$1,580.00	\$1,600.00	\$1,600.00	\$2,150.00	\$2,150.00	\$1,314.00	\$1,314.00	\$ 1,536.44	\$1,536.44
49	16" MJ PLUG	EA	1.0	\$650.00	\$650.00	\$1,070.17	\$1,070.17	\$350.00	\$350.00	\$505.00	\$505.00	\$650.00	\$650.00	\$600.00	\$600.00	\$445.00	\$445.00	\$ 514.20	\$514.20
50	16" X 16" CROSS	EA	1.0	\$2,500.00	\$2,500.00	\$3,097.43	\$3,097.43	\$2,700.00	\$2,700.00	\$2,750.00	\$2,750.00	\$3,000.00	\$3,000.00	\$2,665.00	\$2,665.00	\$2,867.00	\$2,867.00	\$ 3,511.17	\$3,511.17

51	16" X 8" X 16" TEE	EA	7.0	\$1,800.00	\$12,600.00	\$1,766.00	\$12,362.00	\$1,350.00	\$9,450.00	\$1,750.00	\$12,250.00	\$1,700.00	\$11,900.00	\$2,000.00	\$14,000.00	\$1,541.00	\$10,787.00	\$ 2,104.43	\$14,731.01
52	16" X 12" X 16" TEE	EA	1.0	\$1,700.00	\$1,700.00	\$1,899.21	\$1,899.21	\$1,400.00	\$1,400.00	\$1,870.00	\$1,870.00	\$1,800.00	\$1,800.00	\$3,100.00	\$3,100.00	\$1,625.00	\$1,625.00	\$ 2,262.92	\$2,262.92
53	16 " LINEAR EXPANSION COUPLING	EA	5.0	\$3,000.00	\$15,000.00	\$4,075.64	\$20,378.20	\$700.00	\$3,500.00	\$5,600.00	\$28,000.00	\$4,000.00	\$20,000.00	\$4,200.00	\$21,000.00	\$4,600.00	\$23,000.00	\$ 5,074.26	\$25,371.30
54	16 " HIGH DEFLECTION COUPLING	EA	1.0	\$1,500.00	\$1,500.00	\$1,170.68	\$1,170.68	\$1,050.00	\$1,050.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,300.00	\$1,288.00	\$1,288.00	\$ 1,677.55	\$1,677.55
55	16" X 12" REDUCER	EA	2.0	\$900.00	\$1,800.00	\$942.42	\$1,884.84	\$800.00	\$1,600.00	\$960.00	\$1,920.00	\$1,300.00	\$2,600.00	\$1,050.00	\$2,100.00	\$1,024.00	\$2,048.00	\$ 1,165.78	\$2,331.56
56	16" GATE VALVE WITH BOX	EA	10.0	\$7,500.00	\$75,000.00	\$6,409.22	\$64,092.20	\$9,900.00	\$99,000.00	\$8,180.00	\$81,800.00	\$6,000.00	\$60,000.00	\$6,600.00	\$66,000.00	\$6,990.00	\$69,900.00	\$ 8,534.56	\$85,345.60
57	8" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	15.0	\$45.00	\$675.00	\$18.10	\$271.50	\$40.00	\$600.00	\$38.35	\$575.25	\$25.00	\$375.00	\$35.00	\$525.00	\$25.00	\$375.00	\$ 98.16	\$1,472.40
58	6 " PVC WATER MAIN, AWWA C-900, (DR 18)	LF	30.0	\$40.00	\$1,200.00	\$14.60	\$438.00	\$35.00	\$1,050.00	\$34.00	\$1,020.00	\$30.00	\$900.00	\$35.00	\$1,050.00	\$20.00	\$600.00	\$ 91.99	\$2,759.70
59	8 " X 6" REDUCER	EA	7.0	\$350.00	\$2,450.00	\$309.95	\$2,169.65	\$250.00	\$1,750.00	\$380.00	\$2,660.00	\$750.00	\$5,250.00	\$300.00	\$2,100.00	\$356.00	\$2,492.00	\$ 459.89	\$3,219.23
60	6 " 45 DEGREE BEND	EA	9.0	\$350.00	\$3,150.00	\$293.76	\$2,643.84	\$350.00	\$3,150.00	\$394.00	\$3,546.00	\$750.00	\$6,750.00	\$285.00	\$2,565.00	\$302.00	\$2,718.00	\$ 440.64	\$3,965.76
61	CATHODIC PROTECTION CONTINUITY TESTING AND REPORTING	LS	1.0	\$1,200.00	\$1,200.00	\$125.00	\$125.00	\$1,600.00	\$1,600.00	\$1,040.00	\$1,040.00	\$350.00	\$350.00	\$800.00	\$800.00	\$711.00	\$711.00	\$ 32,036.92	\$32,036.92
62	CATHODIC PROTECTION TEST STATION, COMPLETE	EA	2.0	\$570.00	\$1,140.00	\$244.13	\$488.26	\$800.00	\$1,600.00	\$5,470.00	\$10,940.00	\$600.00	\$1,200.00	\$200.00	\$400.00	\$280.00	\$560.00	\$ 502.03	\$1,004.06
63	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	25.0	\$110.00	\$2,750.00	\$100.95	\$2,523.75	\$100.00	\$2,500.00	\$225.00	\$5,625.00	\$100.00	\$2,500.00	\$100.00	\$2,500.00	\$126.00	\$3,150.00	\$ 96.08	\$2,402.00
64	WATER MAIN CONCRETE COLLAR	CY	2.5	\$200.00	\$500.00	\$122.35	\$305.88	\$400.00	\$1,000.00	\$223.00	\$557.50	\$340.00	\$850.00	\$665.00	\$1,662.50	\$298.00	\$745.00	\$ 600.49	\$1,501.23
65	WATER MAIN ENCASEMENT	CY	40.0	\$125.00	\$5,000.00	\$122.35	\$4,894.00	\$200.00	\$8,000.00	\$251.00	\$10,040.00	\$140.00	\$5,600.00	\$175.00	\$7,000.00	\$126.00	\$5,040.00	\$ 224.58	\$8,983.20
66	REFERENCE MARKER	EA	5.0	\$65.00	\$325.00	\$76.00	\$380.00	\$100.00	\$500.00	\$128.44	\$642.20	\$70.00	\$350.00	\$66.00	\$330.00	\$101.00	\$505.00	\$ 271.13	\$1,355.65
67	WOODEN POST BARRIER ASSEMBLY	EA	8.0	\$750.00	\$6,000.00	\$210.00	\$1,680.00	\$230.00	\$1,840.00	\$725.00	\$5,800.00	\$750.00	\$6,000.00	\$1,830.00	\$14,640.00	\$620.00	\$4,960.00	\$ 240.20	\$1,921.60
68	TYPE 3 FOUNDATION MATERIAL (GRADING)	TON	1,200.0	\$23.00	\$27,600.00	\$21.92	\$26,304.00	\$14.00	\$16,800.00	\$26.00	\$31,200.00	\$23.50	\$28,200.00	\$26.75	\$32,100.00	\$25.00	\$30,000.00	\$ 22.28	\$26,736.00
69	GRAVEL SURFACING - 1 INCH AGGREGATE BASE COURSE	TON	1,600.0	\$26.00	\$41,600.00	\$18.28	\$29,248.00	\$19.00	\$30,400.00	\$19.55	\$31,280.00	\$22.50	\$36,000.00	\$25.85	\$41,360.00	\$21.00	\$33,600.00	\$ 22.19	\$35,504.00
70	TOPSOIL, PLACE 6" THICK (INCLUDING 1" INCORPORATED CO-COMPOST)	CY	2,500.0	\$8.60	\$21,500.00	\$3.25	\$8,125.00	\$7.00	\$17,500.00	\$4.00	\$10,000.00	\$5.75	\$14,375.00	\$7.35	\$18,375.00	\$6.00	\$15,000.00	\$ 3.60	\$9,000.00
71	GRAVEL SWALE	EA	7.0	\$800.00	\$5,600.00	\$843.93	\$5,907.51	\$2,000.00	\$14,000.00	\$1,915.00	\$13,405.00	\$1,300.00	\$9,100.00	\$2,000.00	\$14,000.00	\$5,354.00	\$37,478.00	\$ 1,077.79	\$7,544.53
72	GRAVEL TURN AROUND	EA	8.0	\$1,200.00	\$9,600.00	\$1,065.89	\$8,527.12	\$1,500.00	\$12,000.00	\$1,220.00	\$9,760.00	\$1,600.00	\$12,800.00	\$2,875.00	\$23,000.00	\$5,939.00	\$47,512.00	\$ 1,131.67	\$9,053.36
73	18" PIPE CULVERT	LF	122.0	\$35.00	\$4,270.00	\$22.98	\$2,803.56	\$31.50	\$3,843.00	\$43.00	\$5,246.00	\$35.00	\$4,270.00	\$38.00	\$4,636.00	\$35.00	\$4,270.00	\$ 173.34	\$21,147.48
74	24" PIPE CULVERT	LF	30.0	\$45.00	\$1,350.00	\$28.80	\$864.00	\$36.00	\$1,080.00	\$53.35	\$1,600.50	\$39.00	\$1,170.00	\$55.00	\$1,650.00	\$40.00	\$1,200.00	\$ 47.94	\$1,438.20
75	18" CMP FLARED END	EA	2.0	\$230.00	\$460.00	\$302.99	\$605.98	\$800.00	\$1,600.00	\$199.00	\$398.00	\$360.00	\$720.00	\$450.00	\$900.00	\$292.00	\$584.00	\$ 435.07	\$870.14
76	24" CMP FLARED END	EA	1.0	\$375.00	\$375.00	\$389.76	\$389.76	\$1,150.00	\$1,150.00	\$250.00	\$250.00	\$460.00	\$460.00	\$525.00	\$525.00	\$385.00	\$385.00	\$ 530.75	\$530.75
77	RIP RAP, CLASS II	TON	28.0	\$60.00	\$1,680.00	\$46.14	\$1,291.92	\$55.00	\$1,540.00	\$59.39	\$1,662.92	\$52.00	\$1,456.00	\$65.00	\$1,820.00	\$43.00	\$1,204.00	\$ 70.79	\$1,982.12
78	PROVISIONS FOR PIGGING	LS	1.0	\$6,500.00	\$6,500.00	\$2,101.02	\$2,101.02	\$2,000.00	\$2,000.00	\$4,100.00	\$4,100.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$8,725.00	\$8,725.00	\$ 24,019.60	\$24,019.60

