

BID AWARD SUMMARY

LETTING DATE: DECEMBER 12, 2023

PROJECT: Sheridan Lake Road Reconstruction Corral Drive to Catron Boulevard
Project No. 23-2737 / CIP No. 51122.2

RECOMMENDATION: Award Total Bid in the amount of \$15,778,051.50 to Reede Construction, Inc. plus up to an amount not to exceed \$1,000,000 for an incentive to be determined upon project completion, at the December 18, 2023 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Reede Construction, Inc.	\$15,778,051.50
Hulstein Excavating, Inc.	\$16,974,344.05
Tru-Form Construction, Inc.	\$20,331,898.36

City staff recommends awarding this project to Reede Construction, Inc. for the total amount of \$16,778,051.50 based on the bid unit pricing plus an incentive payment of up to \$1,000,000.00 (actual incentive amount to be finalized at project completion) with the following appropriation:

FUNDING SOURCE	TOTAL	CIP-Streets
ADVERTISING AUTHORITY	\$19,000,000.00	\$19,000,000.00
ENGINEER'S ESTIMATE	\$19,200,000.00	

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	CIP-Streets
COST CENTER		8910
LINE ITEM		4370
FUNDING CENTER		505
BID AMOUNT	\$15,778,051.50	
INCENTIVE	\$1,000,000.00	
TOTAL	\$16,778,051.50	

PROJECT MANAGER:



Sara Odden, PE
City of Rapid City

DATE:

12/14/2023

PROJECT NAME: SHERIDAN LAKE ROAD RECONSTRUCTION CORRAL DRIVE TO CATRON BOULEVARD

PROJECT NUMBER: 23-2737 / CIP 51122.2

LET DATE: DECEMBER 12, 2023

LOW BID AMOUNT: \$15,778,051.50

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		REEDE CONSTRUCTION, INC.		HULSTEIN EXCAVATING, INC.		TRU-FORM CONSTRUCTION, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BASE BID												
1	A001.01	MOBILIZATION	LS	1.0	\$1,200,000.00	\$1,200,000.00	\$1,900,000.00	\$1,900,000.00	\$2,150,000.00	\$2,150,000.00	\$2,300,000.00	\$2,300,000.00
2	A001.02	INCIDENTAL WORK	LS	1.0	\$934,844.85	\$934,844.85	\$135,000.00	\$135,000.00	\$85,000.00	\$85,000.00	\$1,000,000.00	\$1,000,000.00
3	A001.03	CONSTRUCTION STAKING	LS	1.0	\$200,000.00	\$200,000.00	\$90,000.00	\$90,000.00	\$90,500.00	\$90,500.00	\$100,000.00	\$100,000.00
4	A001.04	ENGINEER'S FIELD OFFICE	LS	1.0	\$15,000.00	\$15,000.00	\$45,000.00	\$45,000.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00
5	-	CLEARING & GRUBBING, TREES, 6"-18"	EA	70.0	\$800.00	\$56,000.00	\$350.00	\$24,500.00	\$270.00	\$18,900.00	\$410.00	\$28,700.00
6	-	CLEARING & GRUBBING, TREES, 19" - 29"	EA	9.0	\$1,200.00	\$10,800.00	\$820.00	\$7,380.00	\$805.00	\$7,245.00	\$440.00	\$3,960.00
7	-	CLEARING & GRUBBING, TREES, 30" OR LARGER	EA	4.0	\$1,500.00	\$6,000.00	\$2,650.00	\$10,600.00	\$5,500.00	\$22,000.00	\$1,650.00	\$6,600.00
8	A02.01	CLEARING & GRUBBING, STUMP	EA	2.0	\$750.00	\$1,500.00	\$1,315.00	\$2,630.00	\$800.00	\$1,600.00	\$235.00	\$470.00
9	A03.01	CLEARING & GRUBBING	LS	1.0	\$10,000.00	\$10,000.00	\$4,250.00	\$4,250.00	\$3,200.00	\$3,200.00	\$4,100.00	\$4,100.00
10	-	REMOVE MANHOLE FRAME AND COVER	EA	13.0	\$700.00	\$9,100.00	\$107.69	\$1,399.97	\$200.00	\$2,600.00	\$126.00	\$1,638.00
11	B02.02	REMOVE & SALVAGE FIRE HYDRANT, AUX VALVE	EA	9.0	\$1,600.00	\$14,400.00	\$1,100.00	\$9,900.00	\$800.00	\$7,200.00	\$1,285.00	\$11,565.00
12	-	REMOVE & SALVAGE GATE VALVE	EA	1.0	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$800.00	\$800.00	\$1,167.00	\$1,167.00
13	B03.07	REMOVE CONCRETE INLET BOX	EA	48.0	\$500.00	\$24,000.00	\$416.67	\$20,000.16	\$1,400.00	\$67,200.00	\$486.00	\$23,328.00
14	B03.12	REMOVE STORM SEWER MAIN	LF	2857.0	\$25.00	\$71,425.00	\$21.00	\$59,997.00	\$20.00	\$57,140.00	\$25.00	\$71,425.00
15	B05.10	REMOVE AC PAVEMENT	SY	4947.0	\$10.00	\$49,470.00	\$8.00	\$39,576.00	\$7.00	\$34,629.00	\$13.50	\$66,784.50
16	B05.13	REMOVE PCC PAVEMENT	SY	17632.0	\$15.00	\$264,480.00	\$15.95	\$281,230.40	\$12.00	\$211,584.00	\$16.00	\$282,112.00
17	B05.18	REMOVE CONCRETE CURB & GUTTER	LF	10625.0	\$5.00	\$53,125.00	\$6.15	\$65,343.75	\$4.50	\$47,812.50	\$15.00	\$159,375.00
18	B05.22	REMOVE CONCRETE FILLET & PAN	SY	660.0	\$15.00	\$9,900.00	\$20.00	\$13,200.00	\$12.00	\$7,920.00	\$16.00	\$10,560.00
19	B05.25	REMOVE PCC SIDEWALK	SF	66708.0	\$2.00	\$133,416.00	\$1.25	\$83,385.00	\$2.00	\$133,416.00	\$3.50	\$233,478.00

20	B05.15	REMOVE PCC DRIVEWAY PAVEMENT	SY	221.0	\$25.00	\$5,525.00	\$25.00	\$5,525.00	\$100.00	\$22,100.00	\$18.00	\$3,978.00
21	B05.27	REMOVE BLOCK RETAINING WALL	LF	117.0	\$40.00	\$4,680.00	\$5.00	\$585.00	\$6.00	\$702.00	\$6.00	\$702.00
22	-	REMOVE WOOD FENCE	LF	294.0	\$20.00	\$5,880.00	\$5.25	\$1,543.50	\$6.00	\$1,764.00	\$6.15	\$1,808.10
23	-	REMOVE & RESET WOOD FENCE	LF	356.0	\$50.00	\$17,800.00	\$18.00	\$6,408.00	\$20.00	\$7,120.00	\$22.00	\$7,832.00
24	B06.06	REMOVE & RESET MAILBOX	EA	17.0	\$500.00	\$8,500.00	\$295.00	\$5,015.00	\$350.00	\$5,950.00	\$350.00	\$5,950.00
25	-	REPAIR SPRINKLER SYSTEM, 5430 SHERIDAN LAKE RD	LS	1.0	\$7,500.00	\$7,500.00	\$4,800.00	\$4,800.00	\$5,500.00	\$5,500.00	\$5,600.00	\$5,600.00
26	-	REPAIR SPRINKLER SYSTEM, 5410 SHERIDAN LAKE RD	LS	1.0	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	\$3,200.00	\$3,200.00	\$3,300.00	\$3,300.00
27	-	REPAIR SPRINKLER SYSTEM, 5200 CHATEAUX RIDGE	LS	1.0	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00	\$3,500.00	\$3,500.00
28	-	REPAIR SPRINKLER SYSTEM, 5311 SHERIDAN LAKE RD	LS	1.0	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00	\$7,800.00	\$7,800.00	\$8,200.00	\$8,200.00
29	-	REPAIR SPRINKLER SYSTEM, 3430 CORRAL DR	LS	1.0	\$5,000.00	\$5,000.00	\$4,200.00	\$4,200.00	\$4,700.00	\$4,700.00	\$5,000.00	\$5,000.00
30	-	REPAIR SPRINKLER SYSTEM, 3410 CORRAL DR	LS	1.0	\$2,500.00	\$2,500.00	\$4,200.00	\$4,200.00	\$4,700.00	\$4,700.00	\$5,000.00	\$5,000.00
31	-	REMOVE BUSINESS SIGN	EA	1.0	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00	\$6,700.00	\$6,700.00	\$11,000.00	\$11,000.00
32	-	RESET AUTUMN HILLS SIGN	EA	1.0	\$1,500.00	\$1,500.00	\$29,893.13	\$29,893.13	\$6,100.00	\$6,100.00	\$10,000.00	\$10,000.00
33	B08.01	REMOVE PAVEMENT MARKING, STRIPES	LF	3546.0	\$2.50	\$8,865.00	\$0.50	\$1,773.00	\$0.60	\$2,127.60	\$0.60	\$2,127.60
34	B08.02	REMOVE PAVEMENT MARKING, ARROW	EA	10.0	\$50.00	\$500.00	\$150.00	\$1,500.00	\$175.00	\$1,750.00	\$135.00	\$1,350.00
35	B08.05	REMOVE SIGN	EA	34.0	\$100.00	\$3,400.00	\$25.00	\$850.00	\$28.00	\$952.00	\$30.00	\$1,020.00
36	-	REMOVE & RESET SIGN	EA	3.0	\$150.00	\$450.00	\$125.00	\$375.00	\$140.00	\$420.00	\$146.00	\$438.00
37	-	REMOVE & RESET SIGN POST	EA	1.0	\$150.00	\$150.00	\$125.00	\$125.00	\$140.00	\$140.00	\$146.00	\$146.00
38	-	REMOVE & SALVAGE LANDSCAPING BORDER	LF	94.0	\$15.00	\$1,410.00	\$20.00	\$1,880.00	\$22.00	\$2,068.00	\$25.00	\$2,350.00
39	-	REMOVE DELINEATOR	EA	3.0	\$15.00	\$45.00	\$10.00	\$30.00	\$11.00	\$33.00	\$12.00	\$36.00
40	-	REMOVE & RESET ADDRESS POST	EA	3.0	\$50.00	\$150.00	\$1,000.00	\$3,000.00	\$350.00	\$1,050.00	\$200.00	\$600.00
41	-	REMOVE FLAGPOLE	EA	1.0	\$200.00	\$200.00	\$2,000.00	\$2,000.00	\$100.00	\$100.00	\$500.00	\$500.00
42	-	REMOVE POST	EA	3.0	\$20.00	\$60.00	\$1,000.00	\$3,000.00	\$100.00	\$300.00	\$200.00	\$600.00
43	-	REMOVE & RESET USPS CLUSTER BOX	EA	2.0	\$750.00	\$1,500.00	\$300.00	\$600.00	\$350.00	\$700.00	\$350.00	\$700.00
44	-	REMOVE & SALVAGE BOULDERS	EA	5.0	\$100.00	\$500.00	\$150.00	\$750.00	\$175.00	\$875.00	\$175.00	\$875.00
45	C01.01	AASHTO T-180 SOIL TEST	EA	10.0	\$400.00	\$4,000.00	\$500.00	\$5,000.00	\$175.00	\$1,750.00	\$245.00	\$2,450.00
46	C02.01	UNCLASSIFIED EXCAVATION	CY	18576.0	\$20.00	\$371,520.00	\$15.90	\$295,358.40	\$22.00	\$408,672.00	\$18.60	\$345,513.60

47	-	UNCLASSIFIED EXCAVATION, DIGOUTS	CY	100.0	\$60.00	\$6,000.00	\$25.00	\$2,500.00	\$36.00	\$3,600.00	\$29.20	\$2,920.00
48	C02.06	EXCAVATION, ROCK (GRADING)	CY	2000.0	\$125.00	\$250,000.00	\$36.00	\$72,000.00	\$105.00	\$210,000.00	\$42.00	\$84,000.00
49	-	EXCAVATION, ROCK (TRENCH)	CY	100.0	\$150.00	\$15,000.00	\$100.00	\$10,000.00	\$525.00	\$52,500.00	\$117.00	\$11,700.00
50	C02.09	EXCAVATION, UNDERCUT	CY	12889.0	\$20.00	\$257,780.00	\$16.27	\$209,704.03	\$34.00	\$438,226.00	\$19.00	\$244,891.00
51	-	CRUSHED ROCK	TON	100.0	\$50.00	\$5,000.00	\$40.00	\$4,000.00	\$32.00	\$3,200.00	\$47.00	\$4,700.00
52	C07.02	TOPSOIL, PLACE	CY	2476.0	\$25.00	\$61,900.00	\$20.19	\$49,990.44	\$48.00	\$118,848.00	\$43.50	\$107,706.00
53	C07.05	SODDING	SY	4928.0	\$12.00	\$59,136.00	\$16.75	\$82,544.00	\$20.00	\$98,560.00	\$16.70	\$82,297.60
54	-	ROCK MULCH	T	71.0	\$100.00	\$7,100.00	\$70.00	\$4,970.00	\$80.00	\$5,680.00	\$82.00	\$5,822.00
55	-	ROAD DITCH SEED MIX	LB	369.0	\$30.00	\$11,070.00	\$12.75	\$4,704.75	\$14.50	\$5,350.50	\$15.00	\$5,535.00
56	-	FERTILIZING, RECLAMATION BLEND	LB	770.0	\$2.00	\$1,540.00	\$1.75	\$1,347.50	\$2.00	\$1,540.00	\$2.10	\$1,617.00
57	-	FIBER MULCH	LB	7686.0	\$0.75	\$5,764.50	\$1.65	\$12,681.90	\$2.00	\$15,372.00	\$2.00	\$15,372.00
58	D05.06	30" STEEL CASING	LF	20.0	\$700.00	\$14,000.00	\$900.00	\$18,000.00	\$300.00	\$6,000.00	\$1,050.00	\$21,000.00
59	C09.02	4" UNDERDRAIN	LF	8784.0	\$20.00	\$175,680.00	\$25.84	\$226,978.56	\$16.00	\$140,544.00	\$31.50	\$276,696.00
60	C10.01	4" UNDERDRAIN CLEANOUT	EA	6.0	\$700.00	\$4,200.00	\$683.33	\$4,099.98	\$1,000.00	\$6,000.00	\$800.00	\$4,800.00
61	D08.01	CONTROLLED LOW STRENGTH MATERIAL	CY	50.0	\$250.00	\$12,500.00	\$360.00	\$18,000.00	\$400.00	\$20,000.00	\$420.00	\$21,000.00
62	D09.01	TYPE I BEDDING MATERIAL	T	100.0	\$40.00	\$4,000.00	\$40.00	\$4,000.00	\$32.00	\$3,200.00	\$47.00	\$4,700.00
63	D10.02	TYPE III FOUNDATION MATERIAL	T	100.0	\$50.00	\$5,000.00	\$50.00	\$5,000.00	\$32.00	\$3,200.00	\$59.00	\$5,900.00
64	D10.03	TYPE IV FOUNDATION MATERIAL	T	100.0	\$55.00	\$5,500.00	\$50.00	\$5,000.00	\$40.00	\$4,000.00	\$59.00	\$5,900.00
65	E14.01	4" PVC SEWER SERVICE LINE	LF	311.0	\$85.00	\$26,435.00	\$109.32	\$33,998.52	\$75.00	\$23,325.00	\$127.70	\$39,714.70
66	E21.01	4" PVC SEWER CLEANOUT	EA	8.0	\$800.00	\$6,400.00	\$362.50	\$2,900.00	\$1,000.00	\$8,000.00	\$467.00	\$3,736.00
67	E14.02	6" PVC SEWER SERVICE LINE	LF	19.0	\$100.00	\$1,900.00	\$210.53	\$4,000.07	\$100.00	\$1,900.00	\$246.00	\$4,674.00
68	E21.02	6" PVC SEWER CLEANOUT	EA	1.0	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$850.00	\$850.00	\$584.00	\$584.00
69	E24.04	SEWER SERVICE RECONNECTION	EA	6.0	\$550.00	\$3,300.00	\$350.00	\$2,100.00	\$650.00	\$3,900.00	\$410.00	\$2,460.00
70	-	MANHOLE FRAME AND LID	EA	13.0	\$2,500.00	\$32,500.00	\$1,461.54	\$19,000.02	\$2,000.00	\$26,000.00	\$1,705.00	\$22,165.00
71	E27.02	RECONSTRUCT MANHOLE	EA	10.0	\$7,000.00	\$70,000.00	\$2,700.00	\$27,000.00	\$2,300.00	\$23,000.00	\$3,150.00	\$31,500.00
72	-	ABANDON SANITARY SEWER AT MANHOLE	EA	2.0	\$4,000.00	\$8,000.00	\$1,750.00	\$3,500.00	\$1,400.00	\$2,800.00	\$2,042.00	\$4,084.00
73	-	1" COPPER WATER SERVICE	LF	162.0	\$100.00	\$16,200.00	\$98.77	\$16,000.74	\$100.00	\$16,200.00	\$115.25	\$18,670.50

74	F24.01	1" CURB STOP & BOX	EA	5.0	\$900.00	\$4,500.00	\$1,400.00	\$7,000.00	\$1,550.00	\$7,750.00	\$1,633.00	\$8,165.00
75	F01.01	6" PVC WATER MAIN C-900, DR 18	LF	77.0	\$215.00	\$16,555.00	\$116.88	\$8,999.76	\$120.00	\$9,240.00	\$137.00	\$10,549.00
76	F01.03	6" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	74.0	\$235.00	\$17,390.00	\$121.62	\$8,999.88	\$125.00	\$9,250.00	\$142.00	\$10,508.00
77	F01.07	8" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	178.0	\$200.00	\$35,600.00	\$129.21	\$22,999.38	\$130.00	\$23,140.00	\$151.00	\$26,878.00
78	F01.10	10" PVC WATER MAIN C-900, DR 18	LF	3.0	\$500.00	\$1,500.00	\$633.33	\$1,899.99	\$575.00	\$1,725.00	\$739.00	\$2,217.00
79	F01.13	12" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	406.0	\$500.00	\$203,000.00	\$172.41	\$69,998.46	\$180.00	\$73,080.00	\$201.10	\$81,646.60
80	F01.17	14" PVC WATER MAIN C-900, DR 18	LF	11.0	\$500.00	\$5,500.00	\$272.73	\$3,000.03	\$200.00	\$2,200.00	\$319.00	\$3,509.00
81	F01.18	14" PVC WATER MAIN C-900, DR 14	LF	20.0	\$550.00	\$11,000.00	\$300.00	\$6,000.00	\$260.00	\$5,200.00	\$350.00	\$7,000.00
82	F01.20	16" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	280.0	\$230.00	\$64,400.00	\$246.43	\$69,000.40	\$250.00	\$70,000.00	\$288.00	\$80,640.00
83	-	16" PVC WATER MAIN C-900, DR 14, RESTRAINED JOINT	LF	60.0	\$250.00	\$15,000.00	\$400.00	\$24,000.00	\$380.00	\$22,800.00	\$467.00	\$28,020.00
84	F01.21	20" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	269.0	\$250.00	\$67,250.00	\$293.68	\$78,999.92	\$350.00	\$94,150.00	\$342.60	\$92,159.40
85	F05.02	6" 22.5 DEGREE BEND	EA	1.0	\$800.00	\$800.00	\$800.00	\$800.00	\$1,700.00	\$1,700.00	\$934.00	\$934.00
86	F05.03	6" 45 DEGREE BEND	EA	4.0	\$800.00	\$3,200.00	\$800.00	\$3,200.00	\$1,700.00	\$6,800.00	\$934.00	\$3,736.00
87		6" 90 DEGREE BEND	EA	1.0	\$800.00	\$800.00	\$900.00	\$900.00	\$1,750.00	\$1,750.00	\$1,050.00	\$1,050.00
88	F06.09	8" 11.25 DEGREE BEND	EA	1.0	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,850.00	\$1,850.00	\$1,050.00	\$1,050.00
89	F06.11	8" 45 DEGREE BEND	EA	3.0	\$1,000.00	\$3,000.00	\$900.00	\$2,700.00	\$1,850.00	\$5,550.00	\$1,050.00	\$3,150.00
90		12" 11.25 DEGREE BEND	EA	2.0	\$1,500.00	\$3,000.00	\$1,700.00	\$3,400.00	\$2,750.00	\$5,500.00	\$1,983.00	\$3,966.00
91		12" 45 DEGREE BEND	EA	4.0	\$1,500.00	\$6,000.00	\$1,775.00	\$7,100.00	\$2,850.00	\$11,400.00	\$2,071.00	\$8,284.00
92		14" 45 DEGREE BEND	EA	4.0	\$1,750.00	\$7,000.00	\$2,200.00	\$8,800.00	\$4,200.00	\$16,800.00	\$2,567.00	\$10,268.00
93	F06.27	16" 45 DEGREE BEND	EA	1.0	\$2,000.00	\$2,000.00	\$2,600.00	\$2,600.00	\$4,650.00	\$4,650.00	\$3,033.00	\$3,033.00
94	F06.35	20" 45 DEGREE BEND	EA	5.0	\$2,500.00	\$12,500.00	\$3,880.00	\$19,400.00	\$7,000.00	\$35,000.00	\$4,526.00	\$22,630.00
95	F08.02	6" STANDARD COUPLING	EA	1.0	\$800.00	\$800.00	\$900.00	\$900.00	\$1,600.00	\$1,600.00	\$1,050.00	\$1,050.00
96	F08.04	10" STANDARD COUPLING	EA	1.0	\$1,000.00	\$1,000.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00
97	F08.05	12" STANDARD COUPLING	EA	2.0	\$1,200.00	\$2,400.00	\$1,750.00	\$3,500.00	\$2,200.00	\$4,400.00	\$2,042.00	\$4,084.00
98		14" FOSTER ADAPTER	EA	1.0	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00	\$2,500.00	\$2,500.00	\$2,567.00	\$2,567.00
99	F12.03	8" X 6" REDUCER	EA	2.0	\$1,200.00	\$2,400.00	\$850.00	\$1,700.00	\$1,600.00	\$3,200.00	\$992.00	\$1,984.00
100		12" X 8" REDUCER	EA	1.0	\$1,800.00	\$1,800.00	\$1,300.00	\$1,300.00	\$1,900.00	\$1,900.00	\$1,517.00	\$1,517.00

101	F12.11	14" X 8" REDUCER	EA	1.0	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,333.00	\$2,333.00
102	F12.18	16" X 14" REDUCER	EA	1.0	\$4,000.00	\$4,000.00	\$2,400.00	\$2,400.00	\$3,500.00	\$3,500.00	\$2,800.00	\$2,800.00
103		20" X 16" REDUCER	EA	2.0	\$4,500.00	\$9,000.00	\$3,250.00	\$6,500.00	\$3,900.00	\$7,800.00	\$3,791.00	\$7,582.00
104	F13.06	8" X 8" X 8" TEE	EA	1.0	\$2,700.00	\$2,700.00	\$1,700.00	\$1,700.00	\$2,200.00	\$2,200.00	\$1,983.00	\$1,983.00
105	F13.09	10" X 10" X 8" TEE	EA	1.0	\$3,000.00	\$3,000.00	\$1,900.00	\$1,900.00	\$2,500.00	\$2,500.00	\$2,217.00	\$2,217.00
106	F13.12	12" X 12" X 6" TEE	EA	3.0	\$3,200.00	\$9,600.00	\$2,200.00	\$6,600.00	\$2,550.00	\$7,650.00	\$2,567.00	\$7,701.00
107	-	14" X 14" X 14" TEE	EA	1.0	\$15,000.00	\$15,000.00	\$3,400.00	\$3,400.00	\$5,200.00	\$5,200.00	\$3,966.00	\$3,966.00
108	F13.39	20" X 20" X 14" TEE	EA	1.0	\$4,500.00	\$4,500.00	\$5,700.00	\$5,700.00	\$7,500.00	\$7,500.00	\$6,650.00	\$6,650.00
109	-	14" X 12" X 14" TAPPING TEE W/ VALVE	EA	1.0	\$14,500.00	\$14,500.00	\$19,000.00	\$19,000.00	\$20,000.00	\$20,000.00	\$22,162.00	\$22,162.00
110	F15.03	8" GATE VALVE W/ BOX	EA	2.0	\$3,500.00	\$7,000.00	\$3,400.00	\$6,800.00	\$4,000.00	\$8,000.00	\$3,966.00	\$7,932.00
111	F15.05	12" GATE VALVE W/ BOX	EA	2.0	\$5,500.00	\$11,000.00	\$5,700.00	\$11,400.00	\$6,200.00	\$12,400.00	\$6,650.00	\$13,300.00
112	F15.06	14" GATE VALVE W/ BOX	EA	1.0	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00	\$16,000.00	\$16,000.00	\$15,747.00	\$15,747.00
113	F15.07	16" GATE VALVE W/ BOX	EA	1.0	\$12,000.00	\$12,000.00	\$13,100.00	\$13,100.00	\$15,000.00	\$15,000.00	\$15,280.00	\$15,280.00
114	F17.01	FIRE HYDRANT W/AUX VALVE & BOX	EA	9.0	\$12,500.00	\$112,500.00	\$4,000.00	\$36,000.00	\$10,000.00	\$90,000.00	\$4,666.00	\$41,994.00
115	F26.01	CONNECT TO EXISTING WATER MAIN	EA	17.0	\$3,500.00	\$59,500.00	\$3,294.12	\$56,000.04	\$5,000.00	\$85,000.00	\$3,842.30	\$65,319.10
116	F28.01	ADJUST VALVE BOX	EA	36.0	\$500.00	\$18,000.00	\$548.86	\$19,758.96	\$550.00	\$19,800.00	\$422.00	\$15,192.00
117	-	INSTALL WATER MAIN UNDER STORM	LS	1.0	\$35,000.00	\$35,000.00	\$27,000.00	\$27,000.00	\$13,500.00	\$13,500.00	\$31,500.00	\$31,500.00
118	-	6" MJ PLUG	EA	1.0	\$1,000.00	\$1,000.00	\$700.00	\$700.00	\$1,550.00	\$1,550.00	\$817.00	\$817.00
119	-	8" MJ PLUG	EA	1.0	\$1,200.00	\$1,200.00	\$700.00	\$700.00	\$1,600.00	\$1,600.00	\$817.00	\$817.00
120	-	16" MJ PLUG	EA	2.0	\$4,000.00	\$8,000.00	\$1,800.00	\$3,600.00	\$2,400.00	\$4,800.00	\$2,100.00	\$4,200.00
121	F33.02	CATHODIC CONTROL ANODE	EA	26.0	\$1,000.00	\$26,000.00	\$442.31	\$11,500.06	\$1,000.00	\$26,000.00	\$516.00	\$13,416.00
122	F34.01	CORROSION PROTECTION TEST STATION	EA	10.0	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00	\$1,000.00	\$10,000.00	\$1,167.00	\$11,670.00
123	F34.02	TRACER WIRE ACCESS BOX - 2-WIRE	EA	10.0	\$500.00	\$5,000.00	\$600.00	\$6,000.00	\$350.00	\$3,500.00	\$700.00	\$7,000.00
124	-	INSTALL SPECIAL ROOF DRAIN, CHATEAUX	LS	1.0	\$3,500.00	\$3,500.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$10,500.00	\$10,500.00
125	-	INSTALL SPECIAL ROOF DRAIN, CALVARY	LS	1.0	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$7,300.00	\$7,300.00	\$5,832.00	\$5,832.00
126	G01.06	18" RCP, CLASS III	LF	2218.0	\$160.00	\$354,880.00	\$113.17	\$251,011.06	\$115.00	\$255,070.00	\$132.00	\$292,776.00
127	G01.09	24" RCP, CLASS III	LF	1250.0	\$170.00	\$212,500.00	\$121.60	\$152,000.00	\$140.00	\$175,000.00	\$142.00	\$177,500.00

128	G01.10	30" RCP, CLASS II	LF	62.0	\$190.00	\$11,780.00	\$129.03	\$7,999.86	\$200.00	\$12,400.00	\$151.00	\$9,362.00
129	G01.19	54" RCP, CLASS II	LF	34.0	\$300.00	\$10,200.00	\$323.53	\$11,000.02	\$450.00	\$15,300.00	\$378.00	\$12,852.00
130	G01.21	60" RCP, CLASS II	LF	24.0	\$450.00	\$10,800.00	\$333.33	\$7,999.92	\$650.00	\$15,600.00	\$389.00	\$9,336.00
131	G03.05	30" RCP, CLASS II, ARCH	LF	94.0	\$225.00	\$21,150.00	\$191.49	\$18,000.06	\$330.00	\$31,020.00	\$224.00	\$21,056.00
132	-	18" 45 DEG RC BEND	EA	4.0	\$1,000.00	\$4,000.00	\$2,000.00	\$8,000.00	\$4,000.00	\$16,000.00	\$2,333.00	\$9,332.00
133	-	18" ON 18" x 8' RC TEE	EA	2.0	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00	\$4,500.00	\$9,000.00	\$3,500.00	\$7,000.00
134	-	24" ON 60" x 8' RC TEE	EA	1.0	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$4,666.00	\$4,666.00
135	-	18" ON 24" x 8' RC TEE	EA	1.0	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$5,500.00	\$5,500.00	\$3,500.00	\$3,500.00
136	-	24" ON 54" x 8' RC TEE	EA	2.0	\$3,500.00	\$7,000.00	\$4,500.00	\$9,000.00	\$7,300.00	\$14,600.00	\$5,250.00	\$10,500.00
137	-	60" ARCH TO 60" ROUND RC TRANSITION	EA	2.0	\$5,500.00	\$11,000.00	\$6,000.00	\$12,000.00	\$6,000.00	\$12,000.00	\$7,000.00	\$14,000.00
138	G06.03	18" RCP FLARED END	EA	4.0	\$2,000.00	\$8,000.00	\$1,500.00	\$6,000.00	\$2,300.00	\$9,200.00	\$1,750.00	\$7,000.00
139	G06.04	24" RCP FLARED END	EA	1.0	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,300.00	\$2,300.00	\$2,333.00	\$2,333.00
140	-	18" TEMPORARY STORM PIPE	LF	106.0	\$160.00	\$16,960.00	\$141.15	\$14,961.90	\$175.00	\$18,550.00	\$165.10	\$17,500.60
141	G07.03	30" RCP FLARED END, ARCH	EA	1.0	\$2,400.00	\$2,400.00	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00	\$2,333.00	\$2,333.00
142	G12.44	7.5 DEGREE 60" RCP BEND	EA	14.0	\$2,600.00	\$36,400.00	\$1,500.00	\$21,000.00	\$5,000.00	\$70,000.00	\$1,750.00	\$24,500.00
143	-	24" 45 DEG RC BEND	EA	1.0	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00	\$2,333.00	\$2,333.00
144	G27.02	5' X 5' RCP JUNCTION BOX	EA	1.0	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$15,000.00	\$15,000.00	\$12,831.00	\$12,831.00
145	-	INSTALL TYPE S INLET LID	EA	1.0	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$3,500.00	\$3,500.00
146	-	INSTALL TYPE B FRAME AND GRATE	EA	7.0	\$500.00	\$3,500.00	\$571.43	\$4,000.01	\$2,800.00	\$19,600.00	\$667.00	\$4,669.00
147	-	AUTUMN HILLS PLAZA INLET	LS	1.0	\$7,000.00	\$7,000.00	\$10,179.93	\$10,179.93	\$6,500.00	\$6,500.00	\$6,000.00	\$6,000.00
148	-	STREET WIDTH INLET, VISTA HILLS	EA	1.0	\$30,000.00	\$30,000.00	\$49,249.01	\$49,249.01	\$25,000.00	\$25,000.00	\$35,000.00	\$35,000.00
149	-	STREET WIDTH INLET, CHATEAUX RIDGE	EA	1.0	\$35,000.00	\$35,000.00	\$68,055.01	\$68,055.01	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00
150	-	2' X 3' TYPE "B" INLET	EA	50.0	\$4,000.00	\$200,000.00	\$3,819.97	\$190,998.50	\$5,000.00	\$250,000.00	\$4,316.00	\$215,800.00
151	-	3' X 4' TYPE "B" INLET	EA	15.0	\$5,500.00	\$82,500.00	\$5,600.00	\$84,000.00	\$7,200.00	\$108,000.00	\$6,532.00	\$97,980.00
152	-	4' X 4' TYPE B INLET	EA	4.0	\$10,000.00	\$40,000.00	\$6,500.00	\$26,000.00	\$8,200.00	\$32,800.00	\$7,582.00	\$30,328.00
153	-	5.5' X 5.5' TYPE "B" INLET	EA	5.0	\$12,000.00	\$60,000.00	\$10,800.00	\$54,000.00	\$13,000.00	\$65,000.00	\$12,598.00	\$62,990.00
154	-	4' X 6' TYPE S INLET	EA	1.0	\$12,500.00	\$12,500.00	\$13,000.00	\$13,000.00	\$16,000.00	\$16,000.00	\$15,164.00	\$15,164.00

155	-	4' X 11' TYPE S INLET	EA	1.0	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$11,664.00	\$11,664.00
156	-	3' X 4' TYPE C INLET	EA	1.0	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$9,000.00	\$9,000.00	\$5,832.00	\$5,832.00
157	G38.01	CONNECT TO EXISTING STORM	EA	39.0	\$1,000.00	\$39,000.00	\$1,000.00	\$39,000.00	\$1,200.00	\$46,800.00	\$1,167.00	\$45,513.00
158	-	ABANDON STORM SEWER CONNECTION	EA	2.0	\$500.00	\$1,000.00	\$3,000.00	\$6,000.00	\$725.00	\$1,450.00	\$3,500.00	\$7,000.00
159	-	TEMPORARY STORM CONNECTION	EA	10.0	\$1,000.00	\$10,000.00	\$2,500.00	\$25,000.00	\$725.00	\$7,250.00	\$2,916.00	\$29,160.00
160	-	TEMPORARY STORM INLET SEAL	EA	14.0	\$500.00	\$7,000.00	\$785.71	\$10,999.94	\$450.00	\$6,300.00	\$917.00	\$12,838.00
161	-	STORM SEWER VIDEO INSPECTION	LF	3530.0	\$10.00	\$35,300.00	\$5.67	\$20,015.10	\$4.00	\$14,120.00	\$7.00	\$24,710.00
162	H07.01	EROSION CONTROL BLANKET	SY	4000.0	\$3.00	\$12,000.00	\$1.50	\$6,000.00	\$1.50	\$6,000.00	\$1.75	\$7,000.00
163	H10.01	TURF REINFORCEMENT MAT	SY	100.0	\$15.00	\$1,500.00	\$8.00	\$800.00	\$9.00	\$900.00	\$9.40	\$940.00
164	H12.03	SILT FENCE, HIGH FLOW	LF	841.0	\$5.00	\$4,205.00	\$5.50	\$4,625.50	\$6.00	\$5,046.00	\$6.50	\$5,466.50
165	H13.02	ROCK CONSTRUCTION ENTRANCE	EA	7.0	\$2,500.00	\$17,500.00	\$3,285.71	\$22,999.97	\$1,985.00	\$13,895.00	\$3,833.00	\$26,831.00
166	H15.02	12" WATTLES	LF	1974.0	\$6.00	\$11,844.00	\$3.95	\$7,797.30	\$4.50	\$8,883.00	\$4.70	\$9,277.80
167	H15.03	SEDIMENT FILTER BAGS	LF	48.0	\$45.00	\$2,160.00	\$5.00	\$240.00	\$6.00	\$288.00	\$6.00	\$288.00
168	H16.01	EROSION CONTROL, INLET PROTECTION	EA	128.0	\$120.00	\$15,360.00	\$108.00	\$13,824.00	\$121.00	\$15,488.00	\$128.00	\$16,384.00
169	H16.01.01	SOIL STABILIZER	SY	1000.0	\$3.00	\$3,000.00	\$1.10	\$1,100.00	\$1.25	\$1,250.00	\$1.30	\$1,300.00
170	H17.02.1	SWEEPING	HR	160.0	\$200.00	\$32,000.00	\$200.00	\$32,000.00	\$250.00	\$40,000.00	\$135.00	\$21,600.00
171	-	CLASS A RIPRAP	T	34.0	\$125.00	\$4,250.00	\$176.47	\$5,999.98	\$73.00	\$2,482.00	\$206.00	\$7,004.00
172	I01.06	AGGREGATE BASE COURSE	T	16930.0	\$45.00	\$761,850.00	\$38.92	\$658,915.60	\$34.00	\$575,620.00	\$45.40	\$768,622.00
173	-	DRIVEWAY ASPHALT MILLINGS	T	61.0	\$65.00	\$3,965.00	\$114.75	\$6,999.75	\$42.00	\$2,562.00	\$60.00	\$3,660.00
174	I02.03	TEMPORARY GRAVEL SURFACING	T	500.0	\$45.00	\$22,500.00	\$46.00	\$23,000.00	\$40.00	\$20,000.00	\$50.00	\$25,000.00
175	I03.04	WOVEN GEOTEXTILE SEPARATOR	SY	500.0	\$8.00	\$4,000.00	\$3.20	\$1,600.00	\$11.50	\$5,750.00	\$4.00	\$2,000.00
176	I03.05	GEOGRID SUBGRADE REINFORCEMENT	SY	340.0	\$8.00	\$2,720.00	\$4.41	\$1,499.40	\$11.50	\$3,910.00	\$5.50	\$1,870.00
177	I04.01	AC, CLASS E, TYPE 1 PG64-28	T	841.0	\$170.00	\$142,970.00	\$218.50	\$183,758.50	\$230.50	\$193,850.50	\$208.00	\$174,928.00
178	I14.01	PCC APPROACH & DRIVEWAY PAVEMENT, 6" NONREINFORCED	SY	410.0	\$130.00	\$53,300.00	\$82.99	\$34,025.90	\$133.50	\$54,735.00	\$122.00	\$50,020.00
179	I16.05	PCC PAVEMENT, 8" NONREINFORCED	SY	2843.0	\$125.00	\$355,375.00	\$107.50	\$305,622.50	\$96.00	\$272,928.00	\$117.00	\$332,631.00
180	I16.07	PCC PAVEMENT, 9" NONREINFORCED	SY	26401.0	\$135.00	\$3,564,135.00	\$115.00	\$3,036,115.00	\$95.00	\$2,508,095.00	\$124.75	\$3,293,524.75
181	-	PCC PAVEMENT, 9" NONREINFORCED, FAST TRACK	SY	862.0	\$150.00	\$129,300.00	\$135.00	\$116,370.00	\$175.00	\$150,850.00	\$170.00	\$146,540.00

182	I19.01	CONCRETE CURB & GUTTER, TYPE B6-6	LF	1667.0	\$35.00	\$58,345.00	\$45.00	\$75,015.00	\$45.00	\$75,015.00	\$30.00	\$50,010.00
183	I19.05	CONCRETE CURB & GUTTER, TYPE B6-8	LF	1223.0	\$40.00	\$48,920.00	\$47.00	\$57,481.00	\$34.00	\$41,582.00	\$32.00	\$39,136.00
184	I19.07	CONCRETE CURB & GUTTER, TYPE B6-9	LF	9539.0	\$45.00	\$429,255.00	\$40.00	\$381,560.00	\$25.00	\$238,475.00	\$34.00	\$324,326.00
185	I21.01	CONCRETE "P6" GUTTER	LF	46.0	\$35.00	\$1,610.00	\$53.00	\$2,438.00	\$58.00	\$2,668.00	\$30.00	\$1,380.00
186	I21.05	CONCRETE "P8" GUTTER	LF	18.0	\$40.00	\$720.00	\$58.00	\$1,044.00	\$58.00	\$1,044.00	\$32.00	\$576.00
187	I21.07	CONCRETE "P9" GUTTER	LF	139.0	\$45.00	\$6,255.00	\$59.00	\$8,201.00	\$24.00	\$3,336.00	\$34.00	\$4,726.00
188	I24.01	CONCRETE FILLET & PAN, 6" REINFORCED	SY	40.0	\$150.00	\$6,000.00	\$160.00	\$6,400.00	\$135.00	\$5,400.00	\$126.00	\$5,040.00
189	I24.05	CONCRETE FILLET & PAN, 8" REINFORCED	SY	123.0	\$180.00	\$22,140.00	\$165.00	\$20,295.00	\$145.00	\$17,835.00	\$128.00	\$15,744.00
190	I24.07	CONCRETE FILLET & PAN, 9" REINFORCED	SY	930.0	\$200.00	\$186,000.00	\$160.00	\$148,800.00	\$150.00	\$139,500.00	\$130.00	\$120,900.00
191	-	CLUSTER BOX UNIT FOOTING	SY	3.0	\$180.00	\$540.00	\$721.93	\$2,165.79	\$350.00	\$1,050.00	\$1,600.00	\$4,800.00
192	I29.02	DOWEL BAR	EA	22896.0	\$30.00	\$686,880.00	\$15.00	\$343,440.00	\$21.00	\$480,816.00	\$19.00	\$435,024.00
193	I31.02	INSTALL #10 SMOOTH STEEL BAR IN CONCRETE	EA	145.0	\$50.00	\$7,250.00	\$22.71	\$3,292.95	\$20.50	\$2,972.50	\$30.00	\$4,350.00
194	-	INSTALL #5 EPOXY COATED DEFORMED TIE BAR, 30"	EA	559.0	\$30.00	\$16,770.00	\$15.00	\$8,385.00	\$16.50	\$9,223.50	\$18.00	\$10,062.00
195	I33.01	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	10279.0	\$10.00	\$102,790.00	\$8.75	\$89,941.25	\$7.00	\$71,953.00	\$14.00	\$143,906.00
196	I33.02	CONCRETE SIDEWALK, 5" NONREINFORCED	SF	43046.0	\$12.00	\$516,552.00	\$9.00	\$387,414.00	\$10.00	\$430,460.00	\$15.00	\$645,690.00
197	I34.04	CONCRETE SIDEWALK, 4", COLORED	SF	63750.0	\$11.00	\$701,250.00	\$9.00	\$573,750.00	\$14.00	\$892,500.00	\$22.00	\$1,402,500.00
198	I38.01	DETECTABLE WARNING SURFACE	SF	552.0	\$100.00	\$55,200.00	\$80.00	\$44,160.00	\$50.00	\$27,600.00	\$72.00	\$39,744.00
199	-	CAST-IN-PLACE RETAINING WALL	SF	2051.0	\$80.00	\$164,080.00	\$135.00	\$276,885.00	\$110.00	\$225,610.00	\$158.50	\$325,083.50
200	-	CABLE HANDRAIL	LF	298.0	\$200.00	\$59,600.00	\$250.00	\$74,500.00	\$260.00	\$77,480.00	\$220.00	\$65,560.00
201	-	SPLIT RAIL POSTS	EA	20.0	\$100.00	\$2,000.00	\$40.00	\$800.00	\$45.00	\$900.00	\$47.00	\$940.00
202	J20.01	DECIDUOUS TREE, (1-2" CAL)	EA	5.0	\$1,250.00	\$6,250.00	\$1,200.00	\$6,000.00	\$1,350.00	\$6,750.00	\$1,400.00	\$7,000.00
203	J21.02	EVERGREEN TREE, (5')	EA	5.0	\$1,250.00	\$6,250.00	\$1,100.00	\$5,500.00	\$1,250.00	\$6,250.00	\$1,300.00	\$6,500.00
204	K01.01	REMOVE LUMINAIRE POLE	EA	4.0	\$1,300.00	\$5,200.00	\$920.00	\$3,680.00	\$1,030.00	\$4,120.00	\$1,075.00	\$4,300.00
205	K01.02	SALVAGE LUMINAIRE POLE	EA	2.0	\$1,500.00	\$3,000.00	\$500.00	\$1,000.00	\$560.00	\$1,120.00	\$584.00	\$1,168.00
206	K01.03	REMOVE SIGNAL EQUIPMENT	LS	1.0	\$30,250.00	\$30,250.00	\$11,700.00	\$11,700.00	\$13,060.00	\$13,060.00	\$13,647.00	\$13,647.00
207	K01.04	REMOVE SIGNAL POLE FOOTING	EA	8.0	\$1,500.00	\$12,000.00	\$1,000.00	\$8,000.00	\$645.00	\$5,160.00	\$1,500.00	\$12,000.00
208	K01.05	REMOVE LUMINAIRE POLE FOOTING	EA	6.0	\$1,500.00	\$9,000.00	\$1,000.00	\$6,000.00	\$645.00	\$3,870.00	\$1,500.00	\$9,000.00

209	K01.06	SALVAGE SIGNAL EQUIPMENT	LS	1.0	\$15,125.00	\$15,125.00	\$450.00	\$450.00	\$505.00	\$505.00	\$525.00	\$525.00
210	K01.07	INCIDENTAL WORK, ELECTRICAL	LS	1.0	\$30,250.00	\$30,250.00	\$19,100.00	\$19,100.00	\$21,500.00	\$21,500.00	\$22,280.00	\$22,280.00
211	K01.08	BREAKAWAY BASE LUMINAIRE POLE WITH ARM, 50' MOUNTING HEIGHT	EA	16.0	\$16,637.50	\$266,200.00	\$6,556.00	\$104,896.00	\$7,320.00	\$117,120.00	\$7,467.00	\$119,472.00
212	K01.09	SIGNAL POLE WITH 30' MAST ARM	EA	1.0	\$36,275.00	\$36,275.00	\$28,100.00	\$28,100.00	\$31,500.00	\$31,500.00	\$32,800.00	\$32,800.00
213	K01.10	SIGNAL POLE WITH 35' MAST ARM AND LUMINAIRE ARM	EA	1.0	\$40,770.00	\$40,770.00	\$34,300.00	\$34,300.00	\$38,280.00	\$38,280.00	\$40,010.00	\$40,010.00
214	K01.11	SIGNAL POLE WITH 50' MAST ARM AND LUMINAIRE ARM	EA	3.0	\$44,067.00	\$132,201.00	\$38,800.00	\$116,400.00	\$43,300.00	\$129,900.00	\$45,300.00	\$135,900.00
215	K01.12	SIGNAL POLE WITH 60' MAST ARM AND LUMINAIRE ARM	EA	1.0	\$51,107.00	\$51,107.00	\$46,780.00	\$46,780.00	\$52,250.00	\$52,250.00	\$54,600.00	\$54,600.00
216	K01.13	SIGNAL POLE WITH 70' MAST ARM AND LUMINAIRE ARM	EA	1.0	\$57,475.00	\$57,475.00	\$56,360.00	\$56,360.00	\$63,000.00	\$63,000.00	\$65,800.00	\$65,800.00
217	K01.14	ROADWAY LUMINAIRE, LED WITH PHOTOELECTRIC CELL	EA	26.0	\$4,537.50	\$117,975.00	\$955.00	\$24,830.00	\$1,065.00	\$27,690.00	\$1,115.00	\$28,990.00
218	K01.15	3 SECTION VEHICLE SIGNAL HEAD	EA	21.0	\$6,050.00	\$127,050.00	\$1,695.00	\$35,595.00	\$1,900.00	\$39,900.00	\$1,980.00	\$41,580.00
219	K01.16	4 SECTION VEHICLE SIGNAL HEAD	EA	12.0	\$14,368.75	\$172,425.00	\$2,295.00	\$27,540.00	\$2,565.00	\$30,780.00	\$2,677.00	\$32,124.00
220	K01.17	3 SECTION DIRECTIONAL VEHICLE SIGNAL HEAD	EA	2.0	\$2,268.75	\$4,537.50	\$1,950.00	\$3,900.00	\$2,175.00	\$4,350.00	\$2,275.00	\$4,550.00
221	K01.18	2' DIAMETER FOOTING	LF	192.0	\$400.00	\$76,800.00	\$207.00	\$39,744.00	\$230.00	\$44,160.00	\$242.00	\$46,464.00
222	K01.19	3' DIAMETER FOOTING	LF	93.0	\$550.00	\$51,150.00	\$348.00	\$32,364.00	\$390.00	\$36,270.00	\$406.00	\$37,758.00
223	K01.20	4' DIAMETER FOOTING	LF	200.0	\$700.00	\$140,000.00	\$676.00	\$135,200.00	\$755.00	\$151,000.00	\$789.00	\$157,800.00
224	K01.21	TYPE 2 ELECTRICAL JUNCTION BOX	EA	25.0	\$4,779.50	\$119,487.50	\$2,510.00	\$62,750.00	\$2,800.00	\$70,000.00	\$2,928.00	\$73,200.00
225	K01.22	TYPE 4 ELECTRICAL JUNCTION BOX	EA	2.0	\$13,612.50	\$27,225.00	\$7,770.00	\$15,540.00	\$8,600.00	\$17,200.00	\$9,063.00	\$18,126.00
226	K01.23	TYPE 4A ELECTRICAL JUNCTION BOX	EA	0.0	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
227	K01.24	ELECTRICAL SERVICE CABINET	EA	2.0	\$8,318.75	\$16,637.50	\$3,515.00	\$7,030.00	\$3,925.00	\$7,850.00	\$4,100.00	\$8,200.00
228	K01.25	TRAFFIC SIGNAL CONTROLLER	EA	3.0	\$68,062.50	\$204,187.50	\$72,100.00	\$216,300.00	\$80,500.00	\$241,500.00	\$84,100.00	\$252,300.00
229	K01.26	METER SOCKET	EA	2.0	\$1,512.50	\$3,025.00	\$430.00	\$860.00	\$480.00	\$960.00	\$502.00	\$1,004.00
230	K01.27	VIDEO DETECTION SYSTEM	EA	3.0	\$75,625.00	\$226,875.00	\$61,760.00	\$185,280.00	\$68,950.00	\$206,850.00	\$72,037.00	\$216,111.00
231	K01.28	EMERGENCY VEHICLE PREEMPTION UNIT	EA	3.0	\$18,150.00	\$54,450.00	\$24,930.00	\$74,790.00	\$27,850.00	\$83,550.00	\$29,080.00	\$87,240.00
232	K01.29	PEDESTRIAN PUSH BUTTON	EA	14.0	\$6,050.00	\$84,700.00	\$2,650.00	\$37,100.00	\$2,960.00	\$41,440.00	\$3,091.00	\$43,274.00
233	K01.30	PEDESTRIAN PUSH BUTTON POLE	EA	14.0	\$4,537.50	\$63,525.00	\$1,415.00	\$19,810.00	\$1,580.00	\$22,120.00	\$1,651.00	\$23,114.00
234	K01.31	PEDESTRIAN SIGNAL HEAD	EA	12.0	\$3,025.00	\$36,300.00	\$760.00	\$9,120.00	\$850.00	\$10,200.00	\$887.00	\$10,644.00
235	K01.32	PEDESTRIAN CROSSING SIGN	EA	14.0	\$302.50	\$4,235.00	\$50.00	\$700.00	\$56.00	\$784.00	\$60.00	\$840.00

236	K01.33	ADVANCED WARNING FLASHER	EA	4.0	\$2,500.00	\$10,000.00	\$8,000.00	\$32,000.00	\$8,930.00	\$35,720.00	\$9,332.00	\$37,328.00
237	K01.34	INSTALL TRAFFIC SIGNAL CONTROLLER CABINET	EA	1.0	\$5,000.00	\$5,000.00	\$480.00	\$480.00	\$535.00	\$535.00	\$560.00	\$560.00
238	K01.35	INSTALL LUMINAIRE POLE	EA	1.0	\$7,562.50	\$7,562.50	\$1,170.00	\$1,170.00	\$1,310.00	\$1,310.00	\$1,365.00	\$1,365.00
239	K01.36	INSTALL SIGNAL POLE WITH MAST ARM AND LUMINAIRE ARM	EA	3.0	\$15,125.00	\$45,375.00	\$6,100.00	\$18,300.00	\$6,810.00	\$20,430.00	\$7,116.00	\$21,348.00
240	K01.37	INSTALL SIGNAL POLE WITH MAST ARM	EA	1.0	\$15,125.00	\$15,125.00	\$5,980.00	\$5,980.00	\$6,675.00	\$6,675.00	\$6,976.00	\$6,976.00
241	K01.38	INSTALL SIGNAL HEAD	EA	22.0	\$1,210.00	\$26,620.00	\$326.00	\$7,172.00	\$360.00	\$7,920.00	\$381.00	\$8,382.00
242	K01.39	1" RIGID CONDUIT, SCHEDULE 40	LF	274.0	\$15.00	\$4,110.00	\$11.10	\$3,041.40	\$12.50	\$3,425.00	\$13.00	\$3,562.00
243	K01.40	2" RIGID CONDUIT, SCHEDULE 40	LF	7693.0	\$30.00	\$230,790.00	\$12.10	\$93,085.30	\$13.50	\$103,855.50	\$14.15	\$108,855.95
244	K01.41	3" RIGID CONDUIT, SCHEDULE 40	LF	386.0	\$83.00	\$32,038.00	\$24.20	\$9,341.20	\$27.00	\$10,422.00	\$29.00	\$11,194.00
245	K01.42	4" RIGID CONDUIT, SCHEDULE 40	LF	165.0	\$112.00	\$18,480.00	\$23.30	\$3,844.50	\$26.00	\$4,290.00	\$28.00	\$4,620.00
246	K01.43	2" RIGID CONDUIT, SCHEDULE 80	LF	2230.0	\$78.65	\$175,389.50	\$17.80	\$39,694.00	\$20.00	\$44,600.00	\$21.00	\$46,830.00
247	K01.44	3" RIGID CONDUIT, SCHEDULE 80	LF	1216.0	\$100.00	\$121,600.00	\$27.00	\$32,832.00	\$30.00	\$36,480.00	\$32.00	\$38,912.00
248	K01.45	1/C #4 AWG COPPER WIRE	LF	1110.0	\$6.00	\$6,660.00	\$2.80	\$3,108.00	\$3.20	\$3,552.00	\$3.30	\$3,663.00
249	K01.46	1/C #6 AWG COPPER WIRE	LF	21659.0	\$5.30	\$114,792.70	\$2.00	\$43,318.00	\$2.25	\$48,732.75	\$3.35	\$72,557.65
250	K01.47	1/C #10 AWG COPPER WIRE	LF	15462.0	\$3.00	\$46,386.00	\$1.10	\$17,008.20	\$1.25	\$19,327.50	\$1.30	\$20,100.60
251	K01.48	2/C #14 AWG COPPER TRAY CABLE, K2	LF	140.0	\$6.35	\$889.00	\$1.70	\$238.00	\$2.00	\$280.00	\$2.00	\$280.00
252	K01.49	4/C #14 AWG COPPER TRAY CABLE, K2	LF	8857.0	\$8.00	\$70,856.00	\$2.20	\$19,485.40	\$2.50	\$22,142.50	\$2.60	\$23,028.20
253	K01.50	7/C #14 AWG COPPER TRAY CABLE, K2	LF	793.0	\$9.70	\$7,692.10	\$3.00	\$2,379.00	\$3.50	\$2,775.50	\$3.50	\$2,775.50
254	K01.51	12/C #14 AWG COPPER TRAY CABLE, K2	LF	1732.0	\$13.60	\$23,555.20	\$5.00	\$8,660.00	\$5.50	\$9,526.00	\$6.00	\$10,392.00
255	K01.52	19/C #14 AWG COPPER TRAY CABLE, K2	LF	630.0	\$31.00	\$19,530.00	\$7.00	\$4,410.00	\$8.00	\$5,040.00	\$8.20	\$5,166.00
256	K01.53	24/C #14 AWG COPPER TRAY CABLE, K2	LF	2340.0	\$36.00	\$84,240.00	\$9.50	\$22,230.00	\$11.00	\$25,740.00	\$11.10	\$25,974.00
257	K01.54	26/C #14 AWG COPPER TRAY CABLE, K2	LF	229.0	\$42.70	\$9,778.30	\$12.40	\$2,839.60	\$14.00	\$3,206.00	\$14.50	\$3,320.50
258	K01.55	2/C #10 AWG COPPER POLE AND BRACKET CABLE	LF	1646.0	\$10.00	\$16,460.00	\$3.70	\$6,090.20	\$4.00	\$6,584.00	\$4.35	\$7,160.10
259	K01.56	12 STRAND FIBER OPTIC CABLE	LF	155.0	\$2.00	\$310.00	\$2.70	\$418.50	\$3.00	\$465.00	\$3.15	\$488.25
260	K01.57	24 STRAND FIBER OPTIC CABLE	LF	3957.0	\$3.00	\$11,871.00	\$2.70	\$10,683.90	\$3.00	\$11,871.00	\$3.15	\$12,464.55
261	L01.01	PAVEMENT MARKING PAINT, 4" WHITE	LF	310.0	\$0.75	\$232.50	\$1.00	\$310.00	\$1.25	\$387.50	\$1.20	\$372.00
262	L02.01	PAVEMENT MARKING PAINT, 4" YELLOW	LF	1401.0	\$0.75	\$1,050.75	\$1.00	\$1,401.00	\$1.25	\$1,751.25	\$1.20	\$1,681.20

263	L02.03	PAVEMENT MARKING PAINT, 12" YELLOW	LF	54.0	\$2.25	\$121.50	\$6.00	\$324.00	\$7.00	\$378.00	\$7.00	\$378.00
264	L03.01a	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" WHITE	LF	6132.0	\$4.00	\$24,528.00	\$4.75	\$29,127.00	\$5.00	\$30,660.00	\$5.55	\$34,032.60
265	L03.01b	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" YELLOW	LF	6605.0	\$4.00	\$26,420.00	\$4.75	\$31,373.75	\$5.00	\$33,025.00	\$5.55	\$36,657.75
266	L03.01c	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" WHITE (CONTRAST)	LF	772.0	\$8.00	\$6,176.00	\$10.00	\$7,720.00	\$11.00	\$8,492.00	\$11.70	\$9,032.40
267	L03.01d	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" YELLOW (CONTRAST)	LF	2424.0	\$8.00	\$19,392.00	\$10.00	\$24,240.00	\$11.00	\$26,664.00	\$11.70	\$28,360.80
268	L03.03a	COLD APPLIED PLASTIC PAVEMENT MARKING, 12" WHITE	LF	146.0	\$12.00	\$1,752.00	\$15.00	\$2,190.00	\$17.00	\$2,482.00	\$17.50	\$2,555.00
269	L03.03b	COLD APPLIED PLASTIC PAVEMENT MARKING, 12" YELLOW	LF	393.0	\$12.00	\$4,716.00	\$15.00	\$5,895.00	\$17.00	\$6,681.00	\$17.50	\$6,877.50
270	L03.04	THERMOPLASTIC PAVEMENT MARKING, 4" WHITE	LF	67.0	\$6.00	\$402.00	\$4.75	\$318.25	\$5.50	\$368.50	\$5.55	\$371.85
271	L03.05	THERMOPLASTIC PAVEMENT MARKING, 24" WHITE	LF	1260.0	\$24.00	\$30,240.00	\$26.00	\$32,760.00	\$29.00	\$36,540.00	\$30.40	\$38,304.00
272	L03.06	THERMOPLASTIC PAVEMENT MARKING, ARROW, WHITE	EA	56.0	\$550.00	\$30,800.00	\$300.00	\$16,800.00	\$350.00	\$19,600.00	\$350.00	\$19,600.00
273	L04.01	MEDIAÑ END PROTECTION	EA	1.0	\$25,000.00	\$25,000.00	\$38,500.00	\$38,500.00	\$550.00	\$550.00	\$50,000.00	\$50,000.00
274	L05.01	ROAD SIGN	EA	140.0	\$475.00	\$66,500.00	\$325.00	\$45,500.00	\$365.00	\$51,100.00	\$380.00	\$53,200.00
275	L05.02	DELINEATOR	EA	5.0	\$200.00	\$1,000.00	\$150.00	\$750.00	\$165.00	\$825.00	\$175.00	\$875.00
276	L06.01.01	TRAFFIC CONTROL, MISCELLANEOUS	LS	1.0	\$100,000.00	\$100,000.00	\$165,231.58	\$165,231.58	\$111,000.00	\$111,000.00	\$93,312.00	\$93,312.00
277	L06.03	FLAGGING	HR	5000.0	\$15.00	\$75,000.00	\$45.00	\$225,000.00	\$111.00	\$555,000.00	\$42.00	\$210,000.00
278	-	TYPE 3 BARRICADE	EA	61.0	\$150.00	\$9,150.00	\$75.00	\$4,575.00	\$85.00	\$5,185.00	\$87.50	\$5,337.50
279	-	TRAFFIC CONTROL SIGNS	SF	1485.3	\$12.00	\$17,823.60	\$1.00	\$1,485.30	\$1.50	\$2,227.95	\$1.20	\$1,782.36
280	-	SHORT TERM TEMPORARY TRAFFIC CONTROL SIGNAL	SITE	2.0	\$20,000.00	\$40,000.00	\$89,035.00	\$178,070.00	\$66,000.00	\$132,000.00	\$70,000.00	\$140,000.00
281	-	ARROW BOARD	EA	4.0	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$550.00	\$2,200.00	\$585.00	\$2,340.00
282	-	PORTABLE CHANGEABLE MESSAGE BOARD	EA	3.0	\$200.00	\$600.00	\$7,500.00	\$22,500.00	\$8,375.00	\$25,125.00	\$8,748.00	\$26,244.00
283	-	TEMPORARY SURFACING	SF	3000.0	\$10.00	\$30,000.00	\$10.00	\$30,000.00	\$10.50	\$31,500.00	\$14.20	\$42,600.00
284	-	TEMPORARY PAVEMENT MARKING, 4" PAINT	LF	1000.0	\$0.75	\$750.00	\$1.00	\$1,000.00	\$1.50	\$1,500.00	\$1.20	\$1,200.00
285	-	RAISED PAVEMENT MARKERS	EA	5300.0	\$2.50	\$13,250.00	\$2.00	\$10,600.00	\$2.25	\$11,925.00	\$2.35	\$12,455.00
286	-	LONGITUDINAL PEDESTRAIN BARRICADE	LF	1000.0	\$10.00	\$10,000.00	\$20.00	\$20,000.00	\$25.00	\$25,000.00	\$23.35	\$23,350.00
287	-	LONGITUDINAL PEDESTRIAN CHANNELIZER	LF	200.0	\$50.00	\$10,000.00	\$20.00	\$4,000.00	\$25.00	\$5,000.00	\$23.35	\$4,670.00
288	-	ORANGE PLASTIC SAFETY FENCE	LF	4600.0	\$5.00	\$23,000.00	\$6.63	\$30,498.00	\$6.00	\$27,600.00	\$7.00	\$32,200.00
289	-	RRFB PEDESTRIAN CROSSING	EA	1.0	\$30,000.00	\$30,000.00	\$18,000.00	\$18,000.00	\$20,100.00	\$20,100.00	\$21,000.00	\$21,000.00

290	-	REMOVE AND RESET RRFB PEDESTRIAN CROSSING	EA	3.0	\$2,000.00	\$6,000.00	\$750.00	\$2,250.00	\$840.00	\$2,520.00	\$875.00	\$2,625.00
291	-	TEMPORARY PEDESTRIAN ACCESS ROUTE	SF	8689.0	\$10.00	\$86,890.00	\$10.00	\$86,890.00	\$10.00	\$86,890.00	\$1.25	\$10,861.25
292	-	1" CORPORATION STOP	EA	4.0	\$500.00	\$2,000.00	\$1,000.00	\$4,000.00	\$925.00	\$3,700.00	\$1,167.00	\$4,668.00
293	-	1" SERVICE SADDLE	EA	4.0	\$500.00	\$2,000.00	\$1,250.00	\$5,000.00	\$760.00	\$3,040.00	\$1,458.00	\$5,832.00
294	-	RECONNECT EXISTING WATER SERVICE	EA	3.0	\$500.00	\$1,500.00	\$1,666.67	\$5,000.01	\$1,300.00	\$3,900.00	\$1,944.00	\$5,832.00
295	-	TYPE 3 ELECTRICAL JUNCTION BOX	EA	7.0	\$4,500.00	\$31,500.00	\$3,276.00	\$22,932.00	\$3,660.00	\$25,620.00	\$3,822.00	\$26,754.00
296	-	TYPE 3A ELECTRICAL JUNCTION BOX	EA	1.0	\$5,000.00	\$5,000.00	\$4,980.00	\$4,980.00	\$5,550.00	\$5,550.00	\$5,809.00	\$5,809.00
297	-	SECONDARY DISCONNECT	EA	1.0	\$2,000.00	\$2,000.00	\$1,690.00	\$1,690.00	\$1,900.00	\$1,900.00	\$1,972.00	\$1,972.00
TOTAL BASE BID						\$19,100,000.00		\$15,658,051.50		\$16,854,344.05		\$19,491,898.36
SCHEDULE 1												
SCH1-1	-	TURN LANE RENTAL PAYMENT AND ASSESSMENT CATRON BOULEVARD	TURN LANE DAY	\$ 1,000.00	50.00	\$50,000.00	60.00	\$60,000.00	60.00	\$60,000.00	420.00	\$420,000.00
SCH1-2	-	TURN LANE RENTAL PAYMENT AND ASSESSMENT CORRAL DRIVE	TURN LANE DAY	\$ 1,000.00	50.00	\$50,000.00	60.00	\$60,000.00	60.00	\$60,000.00	420.00	\$420,000.00
TOTAL SCHEDULE 1						\$100,000.00		\$120,000.00		\$120,000.00		\$840,000.00
TOTAL BASE BID + SCHEDULE 1						\$19,200,000.00		\$15,778,051.50		\$16,974,344.05		\$20,331,898.36

CONSULTANT

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

John Van Beek, PE/LS
AVID4 Engineering

12/14/23
Date

CITY OF RAPID CITY

Reviewed by:

Sara Odden, PE
Project Manager

12/14/2023
Date