

Mouse River Enhanced Flood Protection Project, Phase BU-1B, Burlington
 Souris River Joint Water Resource Board
 Bid Opening: Thursday, April 16, 2020; 10:00 AM

Contractor	Bid Bond	Bid Form	Contractor's License	Acknowledge Addendum No. 1	Acknowledge Addendum No. 2	Acknowledge Addendum No. 3	Acknowledge Addendum No. 4	Total Bid
Park Construction	X	X	X	X	X	X	X	\$ 15,544,930.50
Strata Corporation	X	X	X	X	X	X	X	\$ 13,897,840.00
Wagner Construction	X	X	X	X	X	X	X	\$ 8,994,588.62
Engineer's Estimate								\$ 10,791,245.00



Ackerman-Estvold
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Respectfully Submitted by:

Patrick Samson, PE

Bid Tabulations

Mouse River Enhanced Flood Projection Project, Phase BU-1B, Burlington
 Souris River Joint Water Resource Board
 Bid Opening: April 16, 2020 @ 10:00 AM

R18017

Item No.	Description	Unit	Quantity	Engineer's Estimate		Wagner Construction	
				Unit Price	Subtotal	Unit Price	Subtotal
1	Mobilization/Demobilization	LS	1	\$ 750,000.00	\$ 750,000.00	\$ 285,000.00	\$ 285,000.00
2	Supplemental Construction Surveying	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 10,500.00	\$ 10,500.00
3	Pre-Condition Roadway Assessment	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 550.00	\$ 550.00
4	Post-Condition Roadway Assessment	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 550.00	\$ 550.00
5	Quality Control	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 48,400.00	\$ 48,400.00
6	Temporary Staging Areas (For all phases)	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 21,800.00	\$ 21,800.00
7	Control of Water and Dewatering	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 32,700.00	\$ 32,700.00
8	Traffic and Pedestrian Safety Control Measures	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 3,300.00	\$ 3,300.00
9	Temporary Tree Protection Fencing	LF	500	\$ 3.00	\$ 1,500.00	\$ 3.00	\$ 1,500.00
10	Construction Fence (Orange)	LF	4,500	\$ 2.00	\$ 9,000.00	\$ 3.00	\$ 13,500.00
11	Borrow Site Management	LS	1	\$ 75,000.00	\$ 75,000.00	\$ 125,500.00	\$ 125,500.00
12	Rock Construction Entrance	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 1,350.00	\$ 2,700.00
13	Temporary Erosion Control Blanket (All Types)	SY	8,000	\$ 4.00	\$ 32,000.00	\$ 2.00	\$ 16,000.00
14	Silt Fence (Type)	LF	12,000	\$ 3.00	\$ 36,000.00	\$ 2.25	\$ 27,000.00
15	Runoff Diversion Berm and Temporary Ditch	LF	4,000	\$ 2.00	\$ 8,000.00	\$ 3.25	\$ 13,000.00
16	Temporary Sedimentation Basin	CY	3,500	\$ 3.00	\$ 10,500.00	\$ 7.06	\$ 24,710.00
17	Inlet Protection (All Types)	EA	33	\$ 500.00	\$ 16,500.00	\$ 32.00	\$ 1,056.00
18	Temporary Rock Filter Dike	EA	10	\$ 1,500.00	\$ 15,000.00	\$ 260.00	\$ 2,600.00
19	Filter Sack	EA	6	\$ 2,000.00	\$ 12,000.00	\$ 75.00	\$ 450.00
20	Erosion Control Log (All Types)	LF	600	\$ 4.00	\$ 2,400.00	\$ 2.50	\$ 1,500.00
21	Concrete Washout	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 1,600.00	\$ 3,200.00
22	Floation Silt Curtain	LF	2,440	\$ 20.00	\$ 48,800.00	\$ 15.00	\$ 36,600.00
23	Temporary Seeding	AC	32	\$ 1,800.00	\$ 57,600.00	\$ 137.00	\$ 4,384.00
24	Temporary Mulching (All Types)	AC	16	\$ 400.00	\$ 6,400.00	\$ 355.00	\$ 5,680.00
25	Temporary Hydromulching	AC	16	\$ 2,500.00	\$ 40,000.00	\$ 1,625.00	\$ 26,000.00
26	Dust Control	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 23,000.00	\$ 23,000.00
27	Sawcut Pavement (All Types)	LF	1370	\$ 8.00	\$ 10,960.00	\$ 5.00	\$ 6,850.00
28	Remove Concrete, Rubble, Debris	CY	250	\$ 10.00	\$ 2,500.00	\$ 9.00	\$ 2,250.00
29	Remove Trash, Debris, Misc. Items	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00
30	Remove Concrete Pavement	SY	750	\$ 12.00	\$ 9,000.00	\$ 12.00	\$ 9,000.00
31	Remove Bituminous Pavement	SY	6,500	\$ 10.00	\$ 65,000.00	\$ 4.00	\$ 26,000.00
32	Remove Gravel	SY	1200	\$ 4.00	\$ 4,800.00	\$ 1.60	\$ 1,920.00
33	Remove Structure (Garage, Well House, Restrooms)	EA	1	\$ 5,000.00	\$ 5,000.00	\$ 9,000.00	\$ 9,000.00
34	Remove and Reinstall Irrigation System	LF	500	\$ 25.00	\$ 12,500.00	\$ 8.50	\$ 4,250.00
35	Remove Curb and Gutter (All Types)	LF	1060	\$ 10.00	\$ 10,600.00	\$ 5.00	\$ 5,300.00
36	Remove Water Valve	EA	3	\$ 150.00	\$ 450.00	\$ 120.00	\$ 360.00
37	Remove Pipe (Water, All Sizes)	LF	1430	\$ 20.00	\$ 28,600.00	\$ 12.50	\$ 17,875.00
38	Remove Pipe (Sanitary Sewer, All Sizes)	LF	745	\$ 20.00	\$ 14,900.00	\$ 3.00	\$ 2,235.00
39	Remove Pipe (Sanitary Sewer Force main, All Sizes)	LF	20	\$ 15.00	\$ 300.00	\$ 3.00	\$ 60.00
40	Remove Pipe (Storm, All Sizes)	LF	1340	\$ 30.00	\$ 40,200.00	\$ 20.00	\$ 26,800.00
41	Remove Pipe (Storm Sewer Force main, All Sizes)	LF	230	\$ 15.00	\$ 3,450.00	\$ 15.00	\$ 3,450.00
42	Cut, Cap & Abandon in Place (Sanitary Sewer Force Main, All Sizes)	EA	2	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00
43	Cut, Cap & Abandon in Place (Storm Force Main, All Sizes)	EA	2	\$ 500.00	\$ 1,000.00	\$ 800.00	\$ 1,600.00
44	Remove End Section (Flared End Section)	EA	5	\$ 300.00	\$ 1,500.00	\$ 225.00	\$ 1,125.00
45	Remove Manhole (Storm, Concrete)	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 530.00	\$ 1,590.00
46	Remove Manhole (Sanitary, Concrete)	EA	4	\$ 2,000.00	\$ 8,000.00	\$ 530.00	\$ 2,120.00
47	Remove Catch Basin (Concrete)	EA	3	\$ 1,000.00	\$ 3,000.00	\$ 175.00	\$ 525.00
48	Remove Storm Pump and Gatewell Structure (Johnson Dead Loop)	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 9,000.00	\$ 9,000.00
49	Remove and Salvage Fire Hydrant	EA	3	\$ 1,200.00	\$ 3,600.00	\$ 300.00	\$ 900.00
50	Remove, Salvage and Deliver Road Signage	LS	1	\$ 1,400.00	\$ 1,400.00	\$ 450.00	\$ 450.00
51	Clearing and Grubbing (All Types)	AC	27	\$ 5,000.00	\$ 135,000.00	\$ 1,500.00	\$ 40,500.00
52	Salvage and Stockpile Riprap	BCY	600	\$ 50.00	\$ 30,000.00	\$ 11.50	\$ 6,900.00
53	Salvaged Topsoil	BCY	22,000	\$ 2.00	\$ 44,000.00	\$ 10.00	\$ 220,000.00
54	Topsoil	ECY	6,600	\$ 10.00	\$ 66,000.00	\$ 16.00	\$ 105,600.00
55	Soil Scarification (6")	SY	32,000	\$ 1.00	\$ 32,000.00	\$ 1.80	\$ 57,600.00
56	Exploration Trench (All Types)	BCY	2,200	\$ 15.00	\$ 33,000.00	\$ 8.75	\$ 19,250.00
57	Over-Excavation (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	10000	\$ 4.00	\$ 40,000.00	\$ 4.60	\$ 46,000.00
58	Excavation (Remove Existing Levee)	BCY	19,800	\$ 8.00	\$ 158,400.00	\$ 3.25	\$ 64,350.00
59	Excavation (Overbank)	BCY	21,900	\$ 8.00	\$ 175,200.00	\$ 3.60	\$ 78,840.00
60	Excavation (Unclassified at Riprap Subcut)	BCY	4,200	\$ 4.00	\$ 16,800.00	\$ 4.50	\$ 18,900.00
61	Excavation (Interior Drainage Grading)	BCY	1,800	\$ 4.00	\$ 7,200.00	\$ 4.50	\$ 8,100.00
62	Excavation (Wetland Mitigation)	BCY	7,200	\$ 4.00	\$ 28,800.00	\$ 4.50	\$ 32,400.00
63	Wetland and Upland Buffer Maintenance (Wetland Creation)	AC	4.5	\$ 30,000.00	\$ 135,000.00	\$ 1,800.00	\$ 8,100.00
64	Haul and Dispose Excavated Material Off-Site (Unclassified)	BCY	53,700	\$ 10.00	\$ 537,000.00	\$ 5.25	\$ 281,925.00
65	Haul and Dispose Excavated Material Off-Site (Wetland Mitigation Excavation)	BCY	7200	\$ 10.00	\$ 72,000.00	\$ 5.50	\$ 39,600.00
66	Levee Fill	BCY	107,000	\$ 16.00	\$ 1,712,000.00	\$ 9.00	\$ 963,000.00
67	Levee Fill (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	10000	\$ 15.00	\$ 150,000.00	\$ 9.50	\$ 95,000.00
68	Seepage Cutoff (Bentonite Slurry, 0' to 35' Depth)	SFF	93,000	\$ 12.00	\$ 1,116,000.00	\$ 12.00	\$ 1,116,000.00
69	Aggregate Bedding (Type B1)	TON	300	\$ 50.00	\$ 15,000.00	\$ 41.00	\$ 12,300.00
70	Aggregate Bedding (Type B3)	TON	1,200	\$ 50.00	\$ 60,000.00	\$ 41.00	\$ 49,200.00
71	Riprap (Type R20)	TON	600	\$ 65.00	\$ 39,000.00	\$ 41.00	\$ 24,600.00
72	Riprap (Type R270)	TON	3,500	\$ 65.00	\$ 227,500.00	\$ 41.00	\$ 143,500.00
73	Riprap (Type R470)	TON	4,500	\$ 75.00	\$ 337,500.00	\$ 41.00	\$ 184,500.00
74	Riprap (Storm Sewer FES)	TON	650	\$ 55.00	\$ 35,750.00	\$ 55.00	\$ 35,750.00
75	Turf Reinforcement Mat (TRM)	SY	2,660	\$ 15.00	\$ 39,900.00	\$ 15.00	\$ 39,900.00

76	Articulated Concrete Block	SF	14600	\$ 17.00	\$ 248,200.00	\$ 18.00	\$ 262,800.00
77	Roadway Excavation/Embankment	ECY	9,000	\$ 7.00	\$ 63,000.00	\$ 10.00	\$ 90,000.00
78	Haul Road Restoration	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 5,000.00	\$ 5,000.00
79	Roadway Subgrade Preparation	SY	6,400	\$ 2.00	\$ 12,800.00	\$ 1.80	\$ 11,520.00
80	Geotextile Fabric (Roadway Type R-1)	SY	4,900	\$ 2.50	\$ 12,250.00	\$ 2.25	\$ 11,025.00
81	Aggregate Base Course (CL V)	TON	3,900	\$ 28.00	\$ 109,200.00	\$ 20.00	\$ 78,000.00
82	Bituminous Pavement (Superpave FAA 41 w/ PG 58-28 Asphalt Cement)	TON	1,200	\$ 90.00	\$ 108,000.00	\$ 110.00	\$ 132,000.00
83	Bituminous Pavement (Pedestrian and Bicycle Path, Bit Surfacing)	SY	4,110	\$ 50.00	\$ 205,500.00	\$ 34.00	\$ 139,740.00
84	Concrete Curb and Gutter (Type 2 Modified Mountable)	LF	975	\$ 26.00	\$ 25,350.00	\$ 40.00	\$ 39,000.00
85	Concrete Pavement (6")	SY	90	\$ 80.00	\$ 7,200.00	\$ 106.00	\$ 9,540.00
86	Truncated Dome Panels	SF	57	\$ 45.00	\$ 2,565.00	\$ 58.00	\$ 3,306.00
87	Concrete Pedestrian Ramp	SF	175	\$ 45.00	\$ 7,875.00	\$ 10.00	\$ 1,750.00
88	Casing Pipe (12") (Sewer)	LF	150	\$ 450.00	\$ 67,500.00	\$ 1,775.00	\$ 266,250.00
89	Casing Pipe (30" Storm Sewer)	LF	50	\$ 500.00	\$ 25,000.00	\$ 1,420.00	\$ 71,000.00
90	Casing Pipe (30" Storm Sewer, Steel)	LF	165	\$ 500.00	\$ 82,500.00	\$ 740.00	\$ 122,100.00
91	Casing Pipe (60" Storm Sewer, Steel)	LF	210	\$ 750.00	\$ 157,500.00	\$ 1,880.00	\$ 394,800.00
92	Gate Valve, Box, and Riser (4")	EA	2	\$ 1,400.00	\$ 2,800.00	\$ 1,300.00	\$ 2,600.00
93	Gate Valve, Box, and Riser (6")	EA	5	\$ 2,000.00	\$ 10,000.00	\$ 1,600.00	\$ 8,000.00
94	Gate Valve, Box, and Riser (8")	EA	4	\$ 2,200.00	\$ 8,800.00	\$ 2,000.00	\$ 8,000.00
95	Gate Valve, Box, and Riser (6" , Sanitary)	EA	4	\$ 2,000.00	\$ 8,000.00	\$ 1,600.00	\$ 6,400.00
96	Gate Valve, Box, and Riser (12" , Sanitary)	EA	2	\$ 5,000.00	\$ 10,000.00	\$ 3,500.00	\$ 7,000.00
97	Gate Valve, Box, and Riser (Storm Sewer, 18" Gate Valve)	EA	2	\$ 8,000.00	\$ 16,000.00	\$ 17,500.00	\$ 35,000.00
98	Adjust Gate Valve	EA	6	\$ 1,500.00	\$ 9,000.00	\$ 200.00	\$ 1,200.00
99	Hydrant (5")	EA	3	\$ 4,500.00	\$ 13,500.00	\$ 5,500.00	\$ 16,500.00
100	Fitting (DI Bend, 2" , Water)	EA	2	\$ 400.00	\$ 800.00	\$ 235.00	\$ 470.00
101	Fitting (DI Bend, 4" , Water)	EA	3	\$ 410.00	\$ 1,230.00	\$ 1,650.00	\$ 4,950.00
102	Fitting (DI Bend, 6" , Water)	EA	8	\$ 425.00	\$ 3,400.00	\$ 505.00	\$ 4,040.00
103	Fitting (DI Bend, 8" , Water)	EA	4	\$ 450.00	\$ 1,800.00	\$ 575.00	\$ 2,300.00
104	Fitting (DI Tee, 6")	EA	2	\$ 500.00	\$ 1,000.00	\$ 710.00	\$ 1,420.00
105	Fitting (DI Tee, 8")	EA	1	\$ 600.00	\$ 600.00	\$ 825.00	\$ 825.00
106	Fitting (DI Tee, 6"x2")	EA	1	\$ 400.00	\$ 400.00	\$ 800.00	\$ 800.00
107	Fitting (DI Tee, 8"x6")	EA	3	\$ 500.00	\$ 1,500.00	\$ 775.00	\$ 2,325.00
108	Fitting (DI Reducer, 4"x2")	EA	1	\$ 400.00	\$ 400.00	\$ 340.00	\$ 340.00
109	Fitting (DI Reducer, 6"x2")	EA	1	\$ 450.00	\$ 450.00	\$ 620.00	\$ 620.00
110	Fitting (Sanitary Sewer Fitting, 6" DI Bend)	EA	6	\$ 500.00	\$ 3,000.00	\$ 510.00	\$ 3,060.00
111	Fitting (Sanitary Sewer Fitting, 12"x6" DI Tee)	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 1,925.00	\$ 3,850.00
112	Connect to Existing Water Service (1" or 2")	EA	1	\$ 600.00	\$ 600.00	\$ 860.00	\$ 860.00
113	Connect to Existing Water Main (4")	EA	1	\$ 800.00	\$ 800.00	\$ 1,752.00	\$ 1,752.00
114	Connect to Existing Water Main (6")	EA	5	\$ 1,000.00	\$ 5,000.00	\$ 2,500.00	\$ 12,500.00
115	Connect to Existing Water Main (8")	EA	3	\$ 1,200.00	\$ 3,600.00	\$ 3,000.00	\$ 9,000.00
116	Water Main (2" , PVC)	LF	28	\$ 25.00	\$ 700.00	\$ 48.00	\$ 1,344.00
117	Water Main (4" , PVC)	LF	32	\$ 35.00	\$ 1,120.00	\$ 48.00	\$ 1,536.00
118	Water Main (4" Fusible PVC, Directionally Drilled)	LF	455	\$ 45.00	\$ 20,475.00	\$ 54.00	\$ 24,570.00
119	Water Main (6" , PVC)	LF	1037	\$ 45.00	\$ 46,665.00	\$ 53.00	\$ 54,961.00
120	Water Main (8" , PVC)	LF	720	\$ 55.00	\$ 39,600.00	\$ 57.00	\$ 41,040.00
121	Pipe Insulation (Polystyrene Insulation)	CF	130	\$ 10.00	\$ 1,300.00	\$ 19.50	\$ 2,535.00
122	Water Service (2" , HDPE)	LF	5	\$ 20.00	\$ 100.00	\$ 54.00	\$ 270.00
123	Water Service Curb Stop (2")	EA	3	\$ 800.00	\$ 2,400.00	\$ 1,131.54	\$ 3,394.62
124	Blow Off Pit (Water, 48" Dia., Complete)	EA	1	\$ 4,000.00	\$ 4,000.00	\$ 9,740.00	\$ 9,740.00
125	Meter Vault (Water, 72" Dia., Complete)	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 19,700.00	\$ 19,700.00
126	Meter Vault (Sanitary, 72" Dia., Complete)	EA	2	\$ 15,000.00	\$ 30,000.00	\$ 21,300.00	\$ 42,600.00
127	Connect to Existing Sanitary Sewer (8")	EA	2	\$ 1,200.00	\$ 2,400.00	\$ 2,000.00	\$ 4,000.00
128	Connect to Existing Sanitary Sewer (Manhole)	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 2,750.00	\$ 2,750.00
129	Connect to Existing Sanitary Sewer (Force Main)	EA	6	\$ 1,200.00	\$ 7,200.00	\$ 3,000.00	\$ 18,000.00
130	Sanitary Sewer (8" PVC Sewer Main)	LF	600	\$ 40.00	\$ 24,000.00	\$ 62.00	\$ 37,200.00
131	Sanitary Sewer (6" PVC Force Main)	LF	247	\$ 25.00	\$ 6,175.00	\$ 59.00	\$ 14,573.00
132	Sanitary Sewer (6" PVC Force Main, Inside Casing Pipe)	LF	150	\$ 30.00	\$ 4,500.00	\$ 71.00	\$ 10,650.00
133	Sanitary Sewer (6" PVC Force Main, Directionally Drilled)	LF	702	\$ 55.00	\$ 38,610.00	\$ 47.00	\$ 32,994.00
134	Sanitary Manhole (48" DIA, 12'-20" , RCP)	EA	3	\$ 5,000.00	\$ 15,000.00	\$ 11,000.00	\$ 33,000.00
135	Storm Catch Basin Structure (3'x2')	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 5,800.00	\$ 5,800.00
136	Storm Catch Basin Structure (24" Area Inlet)	EA	3	\$ 3,000.00	\$ 9,000.00	\$ 3,500.00	\$ 10,500.00
137	Storm Catch Basin Structure (6' x 2')	EA	3	\$ 4,000.00	\$ 12,000.00	\$ 5,000.00	\$ 15,000.00
138	Storm Catch Basin Structure (48" DIA Manhole Area Inlet)	EA	2	\$ 4,500.00	\$ 9,000.00	\$ 5,400.00	\$ 10,800.00
139	Storm Catch Basin Structure (60" DIA Manhole Area Inlet)	EA	2	\$ 5,000.00	\$ 10,000.00	\$ 8,500.00	\$ 17,000.00
140	Storm Catch Basin Structure (72" DIA Manhole)	EA	1	\$ 6,500.00	\$ 6,500.00	\$ 10,200.00	\$ 10,200.00
141	Storm Catch Basin Structure (84" DIA Manhole)	EA	1	\$ 7,500.00	\$ 7,500.00	\$ 13,000.00	\$ 13,000.00
142	Storm Manhole (48" DIA, RCP)	EA	3	\$ 4,500.00	\$ 13,500.00	\$ 5,800.00	\$ 17,400.00
143	Storm Manhole (60" DIA, RCP)	EA	9	\$ 5,000.00	\$ 45,000.00	\$ 8,200.00	\$ 73,800.00
144	Storm Manhole (72" DIA, RCP)	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 10,850.00	\$ 10,850.00
145	Storm Manhole (84" DIA, RCP)	EA	1	\$ 7,000.00	\$ 7,000.00	\$ 16,700.00	\$ 16,700.00
146	Storm Manhole (108" DIA, RCP)	EA	2	\$ 8,500.00	\$ 17,000.00	\$ 25,800.00	\$ 51,600.00
147	Storm Manhole (84" x 84" Box)	EA	2	\$ 9,000.00	\$ 18,000.00	\$ 38,000.00	\$ 76,000.00
148	Adjust Manhole	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 800.00	\$ 1,600.00
149	Connect to Existing Manhole (Storm)	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 2,800.00	\$ 2,800.00
150	Connect to Existing Storm Sewer (18")	EA	1	\$ 750.00	\$ 750.00	\$ 2,100.00	\$ 2,100.00
151	Storm Sewer (15" , RCP)	LF	579	\$ 75.00	\$ 43,425.00	\$ 66.00	\$ 38,214.00
152	Storm Sewer (18" , RCP)	LF	1381	\$ 80.00	\$ 110,480.00	\$ 71.00	\$ 98,051.00
153	Storm Sewer (20" HDPE Force Main)	LF	944	\$ 60.00	\$ 56,640.00	\$ 118.00	\$ 111,392.00
154	Storm Sewer (20" HDPE Force Main, Inside Casing Pipe)	LF	215	\$ 75.00	\$ 16,125.00	\$ 130.00	\$ 27,950.00
155	Storm Sewer (20" HDPE Force Main, Directionally Drilled)	LF	510	\$ 80.00	\$ 40,800.00	\$ 120.00	\$ 61,200.00
156	Storm Sewer (30" , RCP)	LF	2322	\$ 120.00	\$ 278,640.00	\$ 109.00	\$ 253,098.00
157	Storm Sewer (42" , RCP, Inside Casing Pipe)	LF	246	\$ 250.00	\$ 61,500.00	\$ 130.00	\$ 31,980.00
158	Storm Sewer (48" , RCP)	LF	841	\$ 250.00	\$ 210,250.00	\$ 212.00	\$ 178,292.00
159	Storm Sewer End Section (15" FES, RCP)	EA	4	\$ 920.00	\$ 3,680.00	\$ 1,475.00	\$ 5,900.00
160	Storm Sewer End Section (18" FES, RCP)	EA	7	\$ 950.00	\$ 6,650.00	\$ 1,550.00	\$ 10,850.00
161	Storm Sewer End Section (30" FES, RCP)	EA	3	\$ 1,200.00	\$ 3,600.00	\$ 2,600.00	\$ 7,800.00

162	Storm Sewer End Section (42" FES, RCP)	EA	6	\$ 1,500.00	\$ 9,000.00	\$ 3,470.00	\$ 20,820.00
163	Storm Sewer End Section (48" FES, RCP)	EA	2	\$ 2,000.00	\$ 4,000.00	\$ 3,160.00	\$ 6,320.00
164	Storm Sewer Bend (18" DI Bend)	EA	7	\$ 2,000.00	\$ 14,000.00	\$ 2,500.00	\$ 17,500.00
165	Controlled Low-Strength Material (CLSM)	CY	100	\$ 200.00	\$ 20,000.00	\$ 207.00	\$ 20,700.00
166	Temporary Cofferdam (Sta. 15+00F and 75+00F)	LS	1	\$ 357,000.00	\$ 357,000.00	\$ 35,000.00	\$ 35,000.00
167	Signs (Street, Traffic, Trails)	SF	40	\$ 500.00	\$ 20,000.00	\$ 57.00	\$ 2,280.00
168	Barrier (Vehicle)	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 2,000.00	\$ 4,000.00
169	Barrier (Vehicle w/Chains)	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 2,150.00	\$ 2,150.00
170	Trail Bench (All Types)	EA	4	\$ 4,000.00	\$ 16,000.00	\$ 2,250.00	\$ 9,000.00
171	Seeding (Levee Turf)	AC	8	\$ 3,500.00	\$ 28,000.00	\$ 820.00	\$ 6,560.00
172	Seeding (High Performance Turf)	AC	19	\$ 3,500.00	\$ 66,500.00	\$ 770.00	\$ 14,630.00
173	Seeding (Wet Meadow)	AC	8	\$ 3,500.00	\$ 28,000.00	\$ 800.00	\$ 6,400.00
174	Hydromulching	AC	35	\$ 2,500.00	\$ 87,500.00	\$ 3,460.00	\$ 121,100.00
175	Tree (1.5" B&B Deciduous)	EA	31	\$ 530.00	\$ 16,430.00	\$ 510.00	\$ 15,810.00
176	Shrub (#2 Container)	EA	39	\$ 100.00	\$ 3,900.00	\$ 74.00	\$ 2,886.00
177	Double Shredded Hardwood Mulch	CY	100	\$ 50.00	\$ 5,000.00	\$ 22.00	\$ 2,200.00
178	Franchise Utility Relocation Oversight (Electrical, Gas, Fiberoptic Relocations)	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 1,100.00	\$ 1,100.00
179	Kittelson Pump Station, Complete	LS	1	\$ 650,000.00	\$ 650,000.00	\$ 765,000.00	\$ 765,000.00
181	Site Electrical Work Allowance (Pump Station Controls Integration by Preferred Controls)	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
182	Site Electrical Work Allowance (Pump Station Electrical Service)	LS	1	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00
183	Video Monitoring and Documentation	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 15,500.00	\$ 15,500.00
					\$ 10,791,245.00		\$ 8,994,588.62

Bid Tabulations

Mouse River Enhanced Flood Projection Project, Phase BU-1B, Burlington

Souris River Joint Water Resource Board

Bid Opening: April 16, 2020 @ 10:00 AM

R18017

Item No.	Description	Unit	Quantity	Strata Corporation		Park Construction	
				Unit Price	Subtotal	Unit Price	Subtotal
1	Mobilization/Demobilization	LS	1	\$ 2,276,424.00	\$ 2,276,424.00	\$ 2,315,000.00	\$ 2,315,000.00
2	Supplemental Construction Surveying	LS	1	\$ 38,000.00	\$ 38,000.00	\$ 26,200.00	\$ 26,200.00
3	Pre-Condition Roadway Assessment	LS	1	\$ 18,000.00	\$ 18,000.00	\$ 17,800.00	\$ 17,800.00
4	Post-Condition Roadway Assessment	LS	1	\$ 18,000.00	\$ 18,000.00	\$ 10,200.00	\$ 10,200.00
5	Quality Control	LS	1	\$ 37,000.00	\$ 37,000.00	\$ 25,400.00	\$ 25,400.00
6	Temporary Staging Areas (For all phases)	LS	1	\$ 110,000.00	\$ 110,000.00	\$ 151,100.00	\$ 151,100.00
7	Control of Water and Dewatering	LS	1	\$ 72,000.00	\$ 72,000.00	\$ 470,000.00	\$ 470,000.00
8	Traffic and Pedestrian Safety Control Measures	LS	1	\$ 26,000.00	\$ 26,000.00	\$ 14,800.00	\$ 14,800.00
9	Temporary Tree Protection Fencing	LF	500	\$ 5.50	\$ 2,750.00	\$ 5.10	\$ 2,550.00
10	Construction Fence (Orange)	LF	4,500	\$ 3.00	\$ 13,500.00	\$ 5.10	\$ 22,950.00
11	Borrow Site Management	LS	1	\$ 189,000.00	\$ 189,000.00	\$ 470,400.00	\$ 470,400.00
12	Rock Construction Entrance	EA	2	\$ 5,000.00	\$ 10,000.00	\$ 10,100.00	\$ 20,200.00
13	Temporary Erosion Control Blanket (All Types)	SY	8,000	\$ 1.70	\$ 13,600.00	\$ 1.60	\$ 12,800.00
14	Silt Fence (Type)	LF	12,000	\$ 2.30	\$ 27,600.00	\$ 2.25	\$ 27,000.00
15	Runoff Diversion Berm and Temporary Ditch	LF	4,000	\$ 6.00	\$ 24,000.00	\$ 14.40	\$ 57,600.00
16	Temporary Sedimentation Basin	CY	3,500	\$ 7.70	\$ 26,950.00	\$ 11.10	\$ 38,850.00
17	Inlet Protection (All Types)	EA	33	\$ 100.00	\$ 3,300.00	\$ 31.20	\$ 1,029.60
18	Temporary Rock Filter Dike	EA	10	\$ 770.00	\$ 7,700.00	\$ 3,270.00	\$ 32,700.00
19	Filter Sack	EA	6	\$ 160.00	\$ 960.00	\$ 72.90	\$ 437.40
20	Erosion Control Log (All Types)	LF	600	\$ 2.40	\$ 1,440.00	\$ 2.50	\$ 1,500.00
21	Concrete Washout	EA	2	\$ 4,500.00	\$ 9,000.00	\$ 3,650.00	\$ 7,300.00
22	Floatation Silt Curtain	LF	2,440	\$ 14.50	\$ 35,380.00	\$ 15.10	\$ 36,844.00
23	Temporary Seeding	AC	32	\$ 110.00	\$ 3,520.00	\$ 128.00	\$ 4,096.00
24	Temporary Mulching (All Types)	AC	16	\$ 460.00	\$ 7,360.00	\$ 348.00	\$ 5,568.00
25	Temporary Hydromulching	AC	16	\$ 1,650.00	\$ 26,400.00	\$ 1,600.00	\$ 25,600.00
26	Dust Control	LS	1	\$ 92,000.00	\$ 92,000.00	\$ 107,000.00	\$ 107,000.00
27	Sawcut Pavement (All Types)	LF	1370	\$ 6.00	\$ 8,220.00	\$ 10.20	\$ 13,974.00
28	Remove Concrete, Rubble, Debris	CY	250	\$ 32.00	\$ 8,000.00	\$ 58.80	\$ 14,700.00
29	Remove Trash, Debris, Misc. Items	LS	1	\$ 9,800.00	\$ 9,800.00	\$ 24,400.00	\$ 24,400.00
30	Remove Concrete Pavement	SY	750	\$ 21.00	\$ 15,750.00	\$ 4.55	\$ 3,412.50
31	Remove Bituminous Pavement	SY	6,500	\$ 13.00	\$ 84,500.00	\$ 2.70	\$ 17,550.00
32	Remove Gravel	SY	1200	\$ 7.50	\$ 9,000.00	\$ 5.80	\$ 6,960.00
33	Remove Structure (Garage, Well House, Restrooms)	EA	1	\$ 18,500.00	\$ 18,500.00	\$ 4,980.00	\$ 4,980.00
34	Remove and Reinstall Irrigation System	LF	500	\$ 47.00	\$ 23,500.00	\$ 42.20	\$ 21,100.00
35	Remove Curb and Gutter (All Types)	LF	1060	\$ 15.00	\$ 15,900.00	\$ 4.45	\$ 4,717.00
36	Remove Water Valve	EA	3	\$ 900.00	\$ 2,700.00	\$ 820.00	\$ 2,460.00
37	Remove Pipe (Water, All Sizes)	LF	1430	\$ 20.00	\$ 28,600.00	\$ 7.20	\$ 10,296.00
38	Remove Pipe (Sanitary Sewer, All Sizes)	LF	745	\$ 25.00	\$ 18,625.00	\$ 7.20	\$ 5,364.00
39	Remove Pipe (Sanitary Sewer Force Main, All Sizes)	LF	20	\$ 25.00	\$ 500.00	\$ 7.20	\$ 144.00
40	Remove Pipe (Storm, All Sizes)	LF	1340	\$ 30.00	\$ 40,200.00	\$ 7.20	\$ 9,648.00
41	Remove Pipe (Storm Sewer Force Main, All Sizes)	LF	230	\$ 30.00	\$ 6,900.00	\$ 7.20	\$ 1,656.00
42	Cut, Cap & Abandon in Place (Sanitary Sewer Force Main, All Sizes)	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 820.00	\$ 1,640.00
43	Cut, Cap & Abandon in Place (Storm Force Main, All Sizes)	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 923.00	\$ 1,846.00
44	Remove End Section (Flared End Section)	EA	5	\$ 500.00	\$ 2,500.00	\$ 820.00	\$ 4,100.00
45	Remove Manhole (Storm, Concrete)	EA	3	\$ 2,500.00	\$ 7,500.00	\$ 513.00	\$ 1,539.00
46	Remove Manhole (Sanitary, Concrete)	EA	4	\$ 2,500.00	\$ 10,000.00	\$ 1,230.00	\$ 4,920.00
47	Remove Catch Basin (Concrete)	EA	3	\$ 2,000.00	\$ 6,000.00	\$ 513.00	\$ 1,539.00
48	Remove Storm Pump and Gatewell Structure (Johnson Dead Loop)	LS	1	\$ 5,400.00	\$ 5,400.00	\$ 15,400.00	\$ 15,400.00
49	Remove and Salvage Fire Hydrant	EA	3	\$ 1,000.00	\$ 3,000.00	\$ 820.00	\$ 2,460.00
50	Remove, Salvage and Deliver Road Signage	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 433.00	\$ 433.00
51	Clearing and Grubbing (All Types)	AC	27	\$ 4,800.00	\$ 129,600.00	\$ 4,340.00	\$ 117,180.00
52	Salvage and Stockpile Riprap	BCY	600	\$ 23.00	\$ 13,800.00	\$ 55.10	\$ 33,060.00
53	Salvaged Topsoil	BCY	22,000	\$ 9.00	\$ 198,000.00	\$ 20.70	\$ 455,400.00
54	Topsoil	ECY	6,600	\$ 24.00	\$ 158,400.00	\$ 17.90	\$ 118,140.00
55	Soil Scarification (6")	SY	32,000	\$ 1.65	\$ 52,800.00	\$ 1.00	\$ 32,000.00
56	Exploration Trench (All Types)	BCY	2,200	\$ 6.50	\$ 14,300.00	\$ 8.65	\$ 19,030.00
57	Over-Excavation (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	10000	\$ 6.50	\$ 65,000.00	\$ 11.30	\$ 113,000.00
58	Excavation (Remove Existing Levee)	BCY	19,800	\$ 3.65	\$ 72,270.00	\$ 4.25	\$ 84,150.00
59	Excavation (Overbank)	BCY	21,900	\$ 3.65	\$ 79,935.00	\$ 4.25	\$ 93,075.00
60	Excavation (Unclassified at Riprap Subcut)	BCY	4,200	\$ 3.65	\$ 15,330.00	\$ 15.40	\$ 64,680.00
61	Excavation (Interior Drainage Grading)	BCY	1,800	\$ 6.50	\$ 11,700.00	\$ 6.35	\$ 11,430.00
62	Excavation (Wetland Mitigation)	BCY	7,200	\$ 8.00	\$ 57,600.00	\$ 11.20	\$ 80,640.00
63	Wetland and Upland Buffer Maintenance (Wetland Creation)	AC	4.5	\$ 9,200.00	\$ 41,400.00	\$ 5,210.00	\$ 23,445.00
64	Haul and Dispose Excavated Material Off-Site (Unclassified)	BCY	53,700	\$ 6.00	\$ 322,200.00	\$ 11.10	\$ 596,070.00
65	Haul and Dispose Excavated Material Off-Site (Wetland Mitigation Excavation)	BCY	7200	\$ 8.00	\$ 57,600.00	\$ 11.10	\$ 79,920.00
66	Levee Fill	BCY	107,000	\$ 11.70	\$ 1,251,900.00	\$ 10.50	\$ 1,123,500.00
67	Levee Fill (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	10000	\$ 11.70	\$ 117,000.00	\$ 13.40	\$ 134,000.00
68	Seepage Cutoff (Bentonite Slurry, 0' to 35' Depth)	SFF	93,000	\$ 14.50	\$ 1,348,500.00	\$ 24.40	\$ 2,269,200.00
69	Aggregate Bedding (Type B1)	TON	300	\$ 68.00	\$ 20,400.00	\$ 49.80	\$ 14,940.00
70	Aggregate Bedding (Type B3)	TON	1,200	\$ 55.00	\$ 66,000.00	\$ 50.80	\$ 60,960.00
71	Riprap (Type R20)	TON	600	\$ 80.00	\$ 48,000.00	\$ 47.80	\$ 28,680.00
72	Riprap (Type R270)	TON	3,500	\$ 88.00	\$ 308,000.00	\$ 51.60	\$ 180,600.00
73	Riprap (Type R470)	TON	4,500	\$ 96.00	\$ 432,000.00	\$ 53.70	\$ 241,650.00
74	Riprap (Storm Sewer FES)	TON	650	\$ 55.00	\$ 35,750.00	\$ 71.80	\$ 46,670.00
75	Turf Reinforcement Mat (TRM)	SY	2,660	\$ 15.00	\$ 39,900.00	\$ 15.30	\$ 40,698.00

76	Articulated Concrete Block	SF	14600	\$ 23.00	\$ 335,800.00	\$ 32.70	\$ 477,420.00
77	Roadway Excavation/Embankment	ECY	9,000	\$ 15.00	\$ 135,000.00	\$ 19.00	\$ 171,000.00
78	Haul Road Restoration	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 200,000.00	\$ 200,000.00
79	Roadway Subgrade Preparation	SY	6,400	\$ 2.20	\$ 14,080.00	\$ 2.75	\$ 17,600.00
80	Geotextile Fabric (Roadway Type R-1)	SY	4,900	\$ 2.30	\$ 11,270.00	\$ 2.10	\$ 10,290.00
81	Aggregate Base Course (CL V)	TON	3,900	\$ 19.50	\$ 76,050.00	\$ 25.70	\$ 100,230.00
82	Bituminous Pavement (Superpave FAA 41 w/ PG 58-28 Asphalt Cement)	TON	1200	\$ 122.00	\$ 146,400.00	\$ 117.00	\$ 140,400.00
83	Bituminous Pavement (Pedestrian and Bicycle Path, Bit Surfacing)	SY	4110	\$ 37.00	\$ 152,070.00	\$ 31.90	\$ 131,109.00
84	Concrete Curb and Gutter (Type 2 Modified Mountable)	LF	975	\$ 33.00	\$ 32,175.00	\$ 32.80	\$ 31,980.00
85	Concrete Pavement (6")	SY	90	\$ 97.00	\$ 8,730.00	\$ 158.00	\$ 14,220.00
86	Truncated Dome Panels	SF	57	\$ 60.00	\$ 3,420.00	\$ 51.30	\$ 2,924.10
87	Concrete Pedestrian Ramp	SF	175	\$ 11.00	\$ 1,925.00	\$ 12.30	\$ 2,152.50
88	Casing Pipe (12") (Sewer)	LF	150	\$ 750.00	\$ 112,500.00	\$ 516.00	\$ 77,400.00
89	Casing Pipe (30" Storm Sewer)	LF	50	\$ 1,300.00	\$ 65,000.00	\$ 750.00	\$ 37,500.00
90	Casing Pipe (30" Storm Sewer, Steel)	LF	165	\$ 925.00	\$ 152,625.00	\$ 712.00	\$ 117,480.00
91	Casing Pipe (60" Storm Sewer, Steel)	LF	210	\$ 2,300.00	\$ 483,000.00	\$ 1,730.00	\$ 363,300.00
92	Gate Valve, Box, and Riser (4")	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 1,610.00	\$ 3,220.00
93	Gate Valve, Box, and Riser (6")	EA	5	\$ 2,800.00	\$ 14,000.00	\$ 1,490.00	\$ 7,450.00
94	Gate Valve, Box, and Riser (8")	EA	4	\$ 3,500.00	\$ 14,000.00	\$ 2,310.00	\$ 9,240.00
95	Gate Valve, Box, and Riser (6", Sanitary)	EA	4	\$ 2,800.00	\$ 11,200.00	\$ 1,440.00	\$ 5,760.00
96	Gate Valve, Box, and Riser (12", Sanitary)	EA	2	\$ 4,500.00	\$ 9,000.00	\$ 3,590.00	\$ 7,180.00
97	Gate Valve, Box, and Riser (Storm Sewer, 18" Gate Valve)	EA	2	\$ 32,000.00	\$ 64,000.00	\$ 46,100.00	\$ 92,200.00
98	Adjust Gate Valve	EA	6	\$ 800.00	\$ 4,800.00	\$ 1.00	\$ 6.00
99	Hydrant (5")	EA	3	\$ 6,200.00	\$ 18,600.00	\$ 7,420.00	\$ 22,260.00
100	Fitting (DI Bend, 2", Water)	EA	2	\$ 100.00	\$ 200.00	\$ 256.00	\$ 512.00
101	Fitting (DI Bend, 4", Water)	EA	3	\$ 250.00	\$ 750.00	\$ 702.00	\$ 2,106.00
102	Fitting (DI Bend, 6", Water)	EA	8	\$ 300.00	\$ 2,400.00	\$ 713.00	\$ 5,704.00
103	Fitting (DI Bend, 8", Water)	EA	4	\$ 360.00	\$ 1,440.00	\$ 1,030.00	\$ 4,120.00
104	Fitting (DI Tee, 6")	EA	2	\$ 400.00	\$ 800.00	\$ 1,080.00	\$ 2,160.00
105	Fitting (DI Tee, 8")	EA	1	\$ 500.00	\$ 500.00	\$ 1,380.00	\$ 1,380.00
106	Fitting (DI Tee, 6"x2")	EA	1	\$ 500.00	\$ 500.00	\$ 1,530.00	\$ 1,530.00
107	Fitting (DI Tee, 8"x6")	EA	3	\$ 460.00	\$ 1,380.00	\$ 1,150.00	\$ 3,450.00
108	Fitting (DI Reducer, 4"x2")	EA	1	\$ 250.00	\$ 250.00	\$ 769.00	\$ 769.00
109	Fitting (DI Reducer, 6"x2")	EA	1	\$ 250.00	\$ 250.00	\$ 666.00	\$ 666.00
110	Fitting (Sanitary Sewer Fitting, 6" DI Bend)	EA	6	\$ 300.00	\$ 1,800.00	\$ 769.00	\$ 4,614.00
111	Fitting (Sanitary Sewer Fitting, 12"x6" DI Tee)	EA	2	\$ 700.00	\$ 1,400.00	\$ 1,230.00	\$ 2,460.00
112	Connect to Existing Water Service (1" or 2")	EA	1	\$ 1,800.00	\$ 1,800.00	\$ 359.00	\$ 359.00
113	Connect to Existing Water Main (4")	EA	1	\$ 2,200.00	\$ 2,200.00	\$ 4,610.00	\$ 4,610.00
114	Connect to Existing Water Main (6")	EA	5	\$ 2,600.00	\$ 13,000.00	\$ 2,560.00	\$ 12,800.00
115	Connect to Existing Water Main (8")	EA	3	\$ 3,000.00	\$ 9,000.00	\$ 3,080.00	\$ 9,240.00
116	Water Main (2", PVC)	LF	28	\$ 200.00	\$ 5,600.00	\$ 51.30	\$ 1,436.40
117	Water Main (4", PVC)	LF	32	\$ 220.00	\$ 7,040.00	\$ 57.40	\$ 1,836.80
118	Water Main (4" Fusible PVC, Directionally Drilled)	LF	455	\$ 58.00	\$ 26,390.00	\$ 66.60	\$ 30,303.00
119	Water Main (6", PVC)	LF	1037	\$ 78.00	\$ 80,886.00	\$ 61.50	\$ 63,775.50
120	Water Main (8", PVC)	LF	720	\$ 85.00	\$ 61,200.00	\$ 76.90	\$ 55,368.00
121	Pipe Insulation (Polystyrene Insulation)	CF	130	\$ 50.00	\$ 6,500.00	\$ 25.60	\$ 3,328.00
122	Water Service (2", HDPE)	LF	5	\$ 850.00	\$ 4,250.00	\$ 92.30	\$ 461.50
123	Water Service Curb Stop (2")	EA	3	\$ 2,500.00	\$ 7,500.00	\$ 871.00	\$ 2,613.00
124	Blow Off Pit (Water, 48" Dia., Complete)	EA	1	\$ 19,000.00	\$ 19,000.00	\$ 9,230.00	\$ 9,230.00
125	Meter Vault (Water, 72" Dia., Complete)	EA	1	\$ 23,000.00	\$ 23,000.00	\$ 21,500.00	\$ 21,500.00
126	Meter Vault (Sanitary, 72" Dia., Complete)	EA	2	\$ 32,000.00	\$ 64,000.00	\$ 27,700.00	\$ 55,400.00
127	Connect to Existing Sanitary Sewer (8")	EA	2	\$ 3,500.00	\$ 7,000.00	\$ 1,540.00	\$ 3,080.00
128	Connect to Existing Sanitary Sewer (Manhole)	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 2,560.00	\$ 2,560.00
129	Connect to Existing Sanitary Sewer (Force Main)	EA	6	\$ 3,000.00	\$ 18,000.00	\$ 1,850.00	\$ 11,100.00
130	Sanitary Sewer (8" PVC Sewer Main)	LF	600	\$ 85.00	\$ 51,000.00	\$ 70.90	\$ 42,540.00
131	Sanitary Sewer (6" PVC Force Main)	LF	247	\$ 90.00	\$ 22,230.00	\$ 70.90	\$ 17,512.30
132	Sanitary Sewer (6" PVC Force Main, Inside Casing Pipe)	LF	150	\$ 55.00	\$ 8,250.00	\$ 148.00	\$ 22,200.00
133	Sanitary Sewer (6" PVC Force Main, Directionally Drilled)	LF	702	\$ 60.00	\$ 42,120.00	\$ 81.10	\$ 56,932.20
134	Sanitary Manhole (48" DIA, 12'-20', RCP)	EA	3	\$ 15,000.00	\$ 45,000.00	\$ 12,900.00	\$ 38,700.00
135	Storm Catch Basin Structure (3'x2')	EA	1	\$ 7,500.00	\$ 7,500.00	\$ 3,590.00	\$ 3,590.00
136	Storm Catch Basin Structure (24" Area Inlet)	EA	3	\$ 7,500.00	\$ 22,500.00	\$ 2,050.00	\$ 6,150.00
137	Storm Catch Basin Structure (6' x 2')	EA	3	\$ 8,500.00	\$ 25,500.00	\$ 5,130.00	\$ 15,390.00
138	Storm Catch Basin Structure (48" DIA Manhole Area Inlet)	EA	2	\$ 8,000.00	\$ 16,000.00	\$ 4,610.00	\$ 9,220.00
139	Storm Catch Basin Structure (60" DIA Manhole Area Inlet)	EA	2	\$ 11,000.00	\$ 22,000.00	\$ 6,770.00	\$ 13,540.00
140	Storm Catch Basin Structure (72" DIA Manhole)	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 9,480.00	\$ 9,480.00
141	Storm Catch Basin Structure (84" DIA Manhole)	EA	1	\$ 18,000.00	\$ 18,000.00	\$ 12,300.00	\$ 12,300.00
142	Storm Manhole (48" DIA, RCP)	EA	3	\$ 8,000.00	\$ 24,000.00	\$ 5,020.00	\$ 15,060.00
143	Storm Manhole (60" DIA, RCP)	EA	9	\$ 12,000.00	\$ 108,000.00	\$ 6,660.00	\$ 59,940.00
144	Storm Manhole (72" DIA, RCP)	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 10,300.00	\$ 10,300.00
145	Storm Manhole (84" DIA, RCP)	EA	1	\$ 23,000.00	\$ 23,000.00	\$ 16,400.00	\$ 16,400.00
146	Storm Manhole (108" DIA, RCP)	EA	2	\$ 28,000.00	\$ 56,000.00	\$ 25,600.00	\$ 51,200.00
147	Storm Manhole (84" x 84" Box)	EA	2	\$ 28,000.00	\$ 56,000.00	\$ 19,500.00	\$ 39,000.00
148	Adjust Manhole	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 1.00	\$ 2.00
149	Connect to Existing Manhole (Storm)	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 3,590.00	\$ 3,590.00
150	Connect to Existing Storm Sewer (18")	EA	1	\$ 3,500.00	\$ 3,500.00	\$ 2,560.00	\$ 2,560.00
151	Storm Sewer (15", RCP)	LF	579	\$ 110.00	\$ 63,690.00	\$ 103.00	\$ 59,637.00
152	Storm Sewer (18", RCP)	LF	1381	\$ 130.00	\$ 179,530.00	\$ 113.00	\$ 156,053.00
153	Storm Sewer (20" HDPE Force Main)	LF	944	\$ 115.00	\$ 108,560.00	\$ 109.00	\$ 102,896.00
154	Storm Sewer (20" HDPE Force Main, Inside Casing Pipe)	LF	215	\$ 80.00	\$ 17,200.00	\$ 123.00	\$ 26,445.00
155	Storm Sewer (20" HDPE Force Main, Directionally Drilled)	LF	510	\$ 65.00	\$ 33,150.00	\$ 133.00	\$ 67,830.00
156	Storm Sewer (30", RCP)	LF	2322	\$ 150.00	\$ 348,300.00	\$ 138.00	\$ 320,436.00
157	Storm Sewer (42", RCP, Inside Casing Pipe)	LF	246	\$ 360.00	\$ 88,560.00	\$ 554.00	\$ 136,284.00
158	Storm Sewer (48", RCP)	LF	841	\$ 285.00	\$ 239,685.00	\$ 246.00	\$ 206,886.00
159	Storm Sewer End Section (15" FES, RCP)	EA	4	\$ 1,500.00	\$ 6,000.00	\$ 1,230.00	\$ 4,920.00
160	Storm Sewer End Section (18" FES, RCP)	EA	7	\$ 1,800.00	\$ 12,600.00	\$ 1,540.00	\$ 10,780.00
161	Storm Sewer End Section (30" FES, RCP)	EA	3	\$ 4,500.00	\$ 13,500.00	\$ 3,900.00	\$ 11,700.00

162	Storm Sewer End Section (42" FES, RCP)	EA	6	\$ 6,000.00	\$ 36,000.00	\$ 4,920.00	\$ 29,520.00
163	Storm Sewer End Section (48" FES, RCP)	EA	2	\$ 7,000.00	\$ 14,000.00	\$ 5,020.00	\$ 10,040.00
164	Storm Sewer Bend (18" DI Bend)	EA	7	\$ 1,300.00	\$ 9,100.00	\$ 4,000.00	\$ 28,000.00
165	Controlled Low-Strength Material (CLSM)	CY	100	\$ 350.00	\$ 35,000.00	\$ 190.00	\$ 19,000.00
166	Temporary Cofferdam (Sta. 15+00F and 75+00F)	LS	1	\$ 65,000.00	\$ 65,000.00	\$ 121,700.00	\$ 121,700.00
167	Signs (Street, Traffic, Trails)	SF	40	\$ 20.00	\$ 800.00	\$ 55.10	\$ 2,204.00
168	Barrier (Vehicle)	EA	2	\$ 2,200.00	\$ 4,400.00	\$ 1,940.00	\$ 3,880.00
169	Barrier (Vehicle w/Chains)	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 2,070.00	\$ 2,070.00
170	Trail Bench (All Types)	EA	4	\$ 3,500.00	\$ 14,000.00	\$ 1,290.00	\$ 5,160.00
171	Seeding (Levee Turf)	AC	8	\$ 1,000.00	\$ 8,000.00	\$ 979.00	\$ 7,832.00
172	Seeding (High Performance Turf)	AC	19	\$ 830.00	\$ 15,770.00	\$ 934.00	\$ 17,746.00
173	Seeding (Wet Meadow)	AC	8	\$ 850.00	\$ 6,800.00	\$ 604.00	\$ 4,832.00
174	Hydromulching	AC	35	\$ 3,700.00	\$ 129,500.00	\$ 4,000.00	\$ 140,000.00
175	Tree (1.5" B&B Deciduous)	EA	31	\$ 530.00	\$ 16,430.00	\$ 817.00	\$ 25,327.00
176	Shrub (#2 Container)	EA	39	\$ 80.00	\$ 3,120.00	\$ 81.30	\$ 3,170.70
177	Double Shredded Hardwood Mulch	CY	100	\$ 55.00	\$ 5,500.00	\$ 203.00	\$ 20,300.00
178	Franchise Utility Relocation Oversight (Electrical, Gas, Fiberoptic Relocations)	LS	1	\$ 28,000.00	\$ 28,000.00	\$ 33,400.00	\$ 33,400.00
179	Kittelson Pump Station, Complete	LS	1	\$ 982,000.00	\$ 982,000.00	\$ 889,200.00	\$ 889,200.00
181	Site Electrical Work Allowance (Pump Station Controls Integration by Preferred Controls)	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
182	Site Electrical Work Allowance (Pump Station Electrical Service)	LS	1	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00
183	Video Monitoring and Documentation	LS	1	\$ 78,000.00	\$ 78,000.00	\$ 49,000.00	\$ 49,000.00
					<u>\$ 13,897,840.00</u>		<u>\$ 15,544,930.50</u>