

Contract No. 1 - General

Phase BU-1C Burlington 100% - Draft OPC 2/5/2021

Phase BU-1C

Bid Item	M&P Item			Unit	Estimated Quantity	Bid Unit Price	Bid Price (Quantity x Bid Unit Price)
1		01 71 13	Mobilization/Demobilization	LS	1	600,000.00	600,000
2		01 71 13	Supplemental Construction Surveying	LS	1	25,000.00	25,000
3		02 41 00	Pre-Condition Roadway Assessment	LS	1	10,000.00	10,000
4		02 41 00	Post-Condition Roadway Assessment	LS	1	10,000.00	10,000
5		01 43 00	Quality Control	LS	1	30,000.00	30,000
6		01 50 00	Temporary Staging Areas (For all phases)	LS	1	50,000.00	50,000
7		01 51 36	Control of Water and Dewatering	LS	1	50,000.00	50,000
8		01 55 26	Traffic and Pedestrian Safety Control Measures	LS	1	15,000.00	15,000
9		01 50 00	Temporary Tree Protection Fencing	LF	500	4.50	2,250
10		01 50 00	Construction Fence (Orange)	LF	500	4.00	2,000
11		31 20 00	Borrow Site Management	LS	1	150,000.00	150,000
12		01 57 13	Rock Construction Entrance	EA	3	5,000.00	15,000
13		01 57 13	Temporary Erosion Control Blanket (All Types)	SY	2,000	4.00	8,000
14		01 57 13	Silt Fence (Type)	LF	11,000	3.00	33,000
15		01 57 13	Runoff Diversion Berm and Temporary Ditch	LF	4,000	2.00	8,000
16		01 57 13	Temporary Sedimentation Basin	CY	1,000	7.50	7,500
17		01 57 13	Inlet Protection (All Types)	EA	5	100.00	500
18		01 57 13	Temporary Rock Filter Dike	EA	2	1,500.00	3,000
19		01 57 13	Filter Sack	EA	2	100.00	200
20		01 57 13	Erosion Control Log (All Types)	LF	600	3.00	1,800
21		01 57 13	Concrete Washout	EA	2	2,500.00	5,000
22		01 57 13	Floatation Silt Curtain	LF	2,000	20.00	40,000
23		01 57 13	Temporary Seeding	AC	20	200.00	4,000
24		01 57 13	Temporary Mulching (All Types)	AC	10	400.00	4,000
25		01 57 13	Temporary Hydromulching	AC	10	1,600.00	16,000
26		01 57 13	Dust Control	LS	1	25,000.00	25,000
27		02 41 00	Sawcut Pavement - All types	LF	90	8.00	720
28		02 41 00	Remove Concrete Pavement	SY	280	12.00	3,360
29		02 41 00	Remove Concrete Pavement (8" Bridge Approach Slab)	SY	120	12.00	1,440
30		02 41 00	Remove Bituminous Pavement	SY	3600	10.00	36,000
31		02 41 00	Remove Gravel	SY	4600	5.00	23,000
32		02 41 00	Remove Fence (All Types)	LF	1600	8.00	12,800
33		02 41 00	Remove and Relocate Structure (Mobile Home)	EA	2	6,000.00	12,000
34		02 41 00	Remove Structure (Shed)	EA	4	500.00	2,000
35		02 41 00	Remove Structure (Garage, Well House, Restrooms)	EA	1	5,000.00	5,000
36		02 41 00	Remove and Relocate Structure (Batting Cage)	EA	1	8,000.00	8,000
37		02 41 00	Remove and Relocate Structure (Misc.)	EA	2	25,000.00	50,000
38		02 41 00	Remove and Reset Mailbox	EA	1	500.00	500
39		02 41 00	Remove Curb and Gutter (All Types)	LF	90	10.00	900
40		02 41 00	Remove Pipe (Water, All Sizes)	LF	610	20.00	12,200
41		02 41 00	Remove and Plug Water Well	EA	2	1,500.00	3,000
42		02 41 00	Remove Pipe (Storm, All Sizes)	LF	40	30.00	1,200
43		02 41 00	Remove and Salvage Fire Hydrant	EA	2	1,200.00	2,400
44		02 41 00	Remove, Salvage and Deliver Road Signage	LS	1	1,400.00	1,400
45		31 10 00	Clearing and Grubbing (All Types)	AC	21	3,500.00	73,500
46		31 20 00	Salvaged Topsoil	BCY	10,000	10.00	100,000
47		31 35 00	Salvage and Stockpile Riprap	BCY	2,200	50.00	110,000
48		31 20 00	Topsoil (Stockpile)	ECY	6,160	10.00	61,600
49		31 20 00	Soil Scarification (6")	SY	33,000	1.50	49,500
50		31 20 00	Exploration Trench (All Types)	BCY	3,500	10.00	35,000
51		31 20 00	Over-Excavation (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	10,000	7.50	75,000
52		31 20 00	Levee Fill (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	10,000	15.00	150,000
53		02 41 00, 31 20 00	Excavation (Remove Existing Levee)	BCY	20,200	8.00	161,600
54		31 56 00	Seepage Cutoff (Bentonite Slurry, 0' to 35' Depth)	SFF	93,000	15.00	1,395,000
55		31 56 00	Seepage Cutoff (Bentonite Slurry, 35.1' to 55' Depth)	SFF	10,000	17.00	170,000
56		31 20 00	Excavation (Overbank)	BCY	25,100	6.00	150,600
57		31 20 00	Excavation (Unclassified at Riprap Subcut)	BCY	3,100	4.00	12,400
58		31 20 00	Excavation (Interior Drainage Grading)	BCY	600	5.00	3,000
59		31 20 00	Salvaged Fill (Unclassified or Overbank to Embankment at Disposal At	ECY	15,200	4.00	60,800
60		31 20 00	Salvaged Fill (Unclassified or Overbank to Embankment at Disposal At	ECY	10,800	4.00	43,200
61		31 20 00	Salvaged Fill (Unclassified or Overbank to Embankment at Disposal At	ECY	9,000	4.00	36,000
62		31 20 00	Haul and Dispose Excavated Material Off-Site (Unclassified)	BCY	17,500	10	175,000
63		32 71 01	Wetland and Upland Buffer Maintenance (Wetland Creation)	AC	1	30,000.00	30,000
64		31 20 00	Levee Fill	BCY	116,000	12.00	1,392,000
65		31 35 00	Aggregate Bedding (Type B2)	TON	2,900	50.00	145,000
66		31 35 00	Aggregate Bedding (Type B3)	TON	1,100	55.00	60,500
67		31 35 00	Riprap (Type R80)	TON	9,500	65.00	617,500
68		31 35 00	Riprap (Type R270)	TON	2,500	65.00	162,500
69		31 35 19	Turf Reinforcement Mat (TRM)	SY	5,900	15.00	88,500
70		31 20 00	Roadway Excavation/Embankment	ECY	5,000	15.00	75,000
71		31 20 00	Roadway Fill Import	ECY	5,000	10.00	50,000
72		32 12 16	Haul Road Restoration	LS	1	50,000.00	50,000
73		32 11 13	Roadway Subgrade Preparation	SY	6,200	2.00	12,400
74		32 11 13	Geotextile Fabric (Roadway Type R-1)	SY	6,000	2.50	15,000
75		32 11 13	Aggregate Base Course (CL V)	TON	4,000	25.00	100,000
76		32 12 16	Bituminous Pavement (Superpave FAA 41 w/ PG 58-28 Asphalt Cemen	TON	1,300	90.00	117,000
77		32 16 13	Concrete Curb and Gutter (Type 1)	LF	300	26.00	7,800

78		32 16 23	Concrete Pavement (6")	SY	100	80.00	8,000
79		32 16 23	Concrete Sidewalk (4")	SY	420	65.00	27,300
80		32 16 23	Truncated Dome Panels	SF	50	60.00	3,000
81		32 16 23	Concrete Pedestrian Ramp	SF	250	45.00	11,250
82		32 17 23	Pavement Marking (4" Line)	LF	1500	1.00	1,500
83		32 17 23	Pavement Marking (24" Line)	LF	300	2.50	750
84		32 17 23	Pavement Marking (Message)	SF	3	25.00	75
85		32 33 00	Fence (Chain Link)	LF	1600	35.00	56,000
86		33 11 13	Fitting (DI Bend, 6", Water)	EA	3	550.00	1,650
87		33 11 13	Fitting (DI Tee, 6")	EA	1	750.00	750
88		33 11 13	Connect to Existing Water Main (6")	EA	2	2,500.00	5,000
89		33 11 13	Water Main (6", PVC)	LF	200	65.00	13,000
90		33 41 13	Connect to Existing Manhole (Storm)	EA	1	3,300.00	3,300
91		33 41 13	Storm Catch Basin Structure (24" Area Inlet)	EA	1	3,500.00	3,500
92		33 41 13	Storm Catch Basin Structure (48" DIA Manhole)	EA	2	5,500.00	11,000
93		33 41 13	Storm Sewer End Section (42" FES, RCP)	EA	6	4,800.00	28,800
94			Storm Sewer Box Culvert (24" x 48" Concrete Box Culvert)	LF	230	200.00	46,000
95			Storm Sewer End Section (24"x48" Box End Section)	EA	2	4,000.00	8,000
96		34 41 00	Signs (Street, Traffic, Trails)	SF	60	45.00	2,700
97		32 12 16	Bituminous Pavement (Pedestrian and Bicycle Path, Bit Surfacing)	SY	4,450	35.00	155,750
98		32 33 00	Trail Bench (All Types)	EA	4	2,500.00	10,000
99		32 92 00	Levee Turf Seeding	AC	7	1,200.00	8,400
100		32 92 00	High Performance Turf Seeding	AC	5	1,200.00	6,000
101		32 92 00	Prairie Seeding	AC	2	1,200.00	2,400
102		32 92 00	Wet Meadow Seeding	AC	4	1,000.00	4,000
103		32 93 00	Tree (1.5" B&B Deciduous)	EA	4	530.00	2,120
104		Div. 26	Site Electrical Work (Electrical Interferences)	LS	1	25,000.00	25,000
105		32 13 13	Concrete Pavement (8" Bridge Approach Slab)	SY	120	150.00	18,000
106			Remove and Reinstall Irrigation System	LF	200	25.00	5,000
107			Remove Trash, Debris, Misc. Items	LS	1	5,000.00	5,000

			Anticipated Accuracy Range	Point Estimate	Anticipated Accuracy Range High
			Low		
			-10%		+20%
SUBTOTAL			6,794,834	7,549,815	9,059,778
CONTINGENCY (10%)				754,982	
SUBTOTAL - OPINION OF CONSTRUCTION COST			7,474,317	8,304,797	9,965,756

*Estimate does not include
Land Aquisitions
Franchise Utility Relocations