

Last Updated 12/11-2018

BU-1A Contract No. 1 - General

					Phase BU-1A Colton Ave Bridge		
Bid Item	M&P Item				Estimated Quantity	Bid Unit Price	Bid Price (Quantity x Bid Unit Price)
1	1	01 71 13	Mobilization/Demobilization	LS	1	190,000.00	190,000
2	2	01 71 13	Construction Surveying	LS	1	15,000.00	15,000
3	3	01 14 13	Pre-Condition Roadway Assessment	LS	1	5,000.00	5,000
4	4	01 14 13	Post-Condition Roadway Assessment	LS	1	5,000.00	5,000
5	85	01 32 16	Video Monitoring and Documentation	LS	1	5,000.00	5,000
6	5	01 43 00	Quality Control	LS	1	10,000.00	10,000
7	6	01 50 00	Temporary Staging Areas (For all phases)	LS	1	10,000.00	10,000
8	7	01 51 36, 31 23 19	Control of Water and Dewatering (for site work not including riprap or bridge feature work areas)	LS	1	10,000.00	10,000
9	87	01 51 36, 31 23 19, 31 35 00	Control of Water and Dewatering (for riprap dry placement)	LS	1	100,000.00	100,000
10	8	01 55 26	Traffic and Pedestrian Safety Control Measures	LS	1	10,000.00	10,000
11	9	01 57 13	Rock Construction Entrance	EA	4	2,000.00	8,000
12	10	01 57 13	Temporary Erosion Control Blanket (All Types)	SY	4,400	4.00	17,600
13	11	01 57 13	Silt Fence (Type)	LF	4,400	3.00	13,200
14	12	01 57 13	Runoff Diversion Berm and Temporary Ditch	LF	200	2.00	400
15	13	01 57 13	Temporary Sedimentation Basin	CY	1,000	3.00	3,000
16	14	01 57 13	Inlet Protection (All Types)	EA	2	500.00	1,000
17	15	01 57 13	Erosion Control Log (All Types)	LF	1,000	4.00	4,000
18	16	01 57 13	Concrete Washout	EA	2	2,500.00	5,000
19	17	01 57 13	Floatation Silt Curtain	LF	730	20.00	14,600
20	18	01 57 13	Temporary Seeding	AC	4.6	1,800.00	8,280
21	19	01 57 13	Temporary Mulching (All Types)	AC	3.7	400.00	1,480
22	20	01 57 13	Temporary Hydromulching	AC	1.0	2,500.00	2,500
23	21	01 57 13	Dust Control	LS	1	2,000.00	2,000
24	22	02 41 00	Sawcut Pavement (All Types)	LF	150	2.50	375
25	23	02 41 00	Remove Pavement (Bituminous)	SY	5,120	8.00	40,960
26	24	02 41 00	Plug Connection (Sanitary Sewer End Cap)	EA	2	500.00	1,000
27	25	02 41 00	Remove Pipe (Water, All Sizes, All Types)	LF	500	20.00	10,000
28	25	02 41 00	Remove Pipe (Sanitary Sewer, All Sizes, All Types)	LF	410	30.00	12,300
29	26	02 41 00	Remove Storm Pipe (All Sizes, All Types)	LF	150	30.00	4,500
30	27	02 41 00	Remove Manhole (Sanitary, Precast Concrete)	EA	2	2,000.00	4,000
31	28	02 41 00	Remove and Salvage Fire Hydrant	EA	1	1,200.00	1,200
32	29	02 41 00	Remove, Salvage and Deliver Road Signage	LS	1	1,500.00	1,500
33	30	31 10 00	Clearing and Grubbing (All Types)	AC	4.1	5,000.00	20,500
34	31	31 20 00	Salvaged Topsoil	BCY	1,200	5.00	6,000
35	32	31 35 00	Salvage and Stockpile Riprap (P)	BCY	180	50.00	9,000
36	33	31 20 00	Import Topsoil	ECY	500	20.00	10,000
37	34	31 20 00	Over-Excavation (At Found Utilities or Unacceptable Subsoils, Allowance)	BCY	500	4.00	2,000
38	35	31 20 00	Soil Scarification (6")	SY	4,900	1.00	4,900
39	36	31 20 00	Exploration Trench (All Types) (P)	BCY	1,800	8.00	14,400
40	38	02 41 00	Excavation (Remove Existing Levee) (P)	BCY	5,200	6.00	31,200
41	38	31 20 00	Excavation (Overbank) (P)	BCY	4,000	6.00	24,000
42	38	31 20 00	Excavation (Unclassified Overexcavation for Riprap Subcut in River) (P)	BCY	5,000	9.00	45,000
43	84	31 20 00	Levee Fill (At Found Utilities or Unacceptable Subsoils)	ECY	500	13.00	6,500
44	39	31 20 00	Levee Fill (P)	ECY	10,900	13.00	141,700
45	40	31 35 00	Aggregate Bedding (Type B3)	TON	3,900	40.00	156,000
46	41	31 35 00	Riprap (Type R270)	TON	8,000	45.00	360,000
47	41	31 35 00	Riprap (Type R470)	TON	2,100	45.00	94,500
48	42	31 20 00	Common Excavation (Drainage Grading) (P)	BCY	310	6.00	1,860
49	43	31 20 00	Common Fill (Roadway Embankment) (P)	ECY	5,000	10.00	50,000
50	37	31 20 00	Excavated Material Disposal (Unclassified) (P)	BCY	11,910	7	83,370
51	44	31 20 00	Roadway Subgrade Preparation	SY	3,810	2.00	7,620
52	45	31 20 00	Geotextile Fabric (Roadway Type R-1)	SY	3,750	2.50	9,375
53	46	32 11 13	Aggregate Base Course (CL V)	TON	1,650	28.00	46,200

54	47	32 12 16	Bituminous Pavement (Superpave FAA 41 w/ PG 58-28 Asphalt Cement)	TON	850	90.00	76,500
55	48	32 13 13	Concrete Pavement (8" Reinforced)	SY	230	80.00	18,400
56	86	01 71 13	Haul Road Restoration	LS	1	10,000.00	10,000
57	49	32 17 23	Pavement Marking (4" Line)	LF	3,760	1.00	3,760
58	49	32 17 23	Pavement Marking (24" Line)	LF	32	25.00	800
59	50	32 17 23	Pavement Marking (Messages and Mass)	SF	60	27.00	1,620
60	51	32 92 00	Levee Turf Seeding	AC	0.7	3,000.00	2,100
61	52	32 92 00	High Performance Turf Seeding	AC	3.9	3,200.00	12,480
62	53	32 92 00, 01 57 13	Hydromulching	AC	4.6	3,500.00	16,100
63	54	32 93 00	Tree (1.5" B&B Deciduous)	EA	7	530.00	3,710
64	55	33 11 13	Casing Pipe (Water, 15")	LF	60	80.00	4,800
65	56	33 11 13	Gate Valve, Box and Riser (6")	EA	1	2,000.00	2,000
66	56	33 11 13	Gate Valve, Box and Riser (8")	EA	3	2,200.00	6,600
67	57	33 11 13	Water Main (6" PVC)	LF	6	45.00	270
68	57	33 11 13	Water Main (8" PVC)	LF	310	65.00	20,150
69	57	33 11 13	Water Main (8", Restrained Joint PVC)	LF	65	65.00	4,225
70	58	33 11 13	Connect to Existing Water Main (8")	EA	3	1,200.00	3,600
71	59	33 11 13	Fitting (DI Bend 8" Water)	EA	5	450.00	2,250
72	59	33 11 13	Fitting (DI Tee 8"x6")	EA	1	500.00	500
73	60	33 11 13	Hydrant	EA	1	1,800.00	1,800
74	61	33 41 13	Storm Sewer (18", RCP)	LF	48	80.00	3,840
75	62	33 41 13	Storm Sewer End Section (18" FES, RCP)	EA	2	1,200.00	2,400
76	63	34 41 00	Signs (Traffic)	SF	19	500.00	9,500
77	64	01 71 13	Franchise Utility Relocation	LS	1	60,000.00	60,000
78	65	02 42 00	[Colton Ave. Bridge] Removal of Existing Structure - Bridge	LS	1	100,000.00	100,000
79	66	03 21 00	[Colton Ave. Bridge] Concrete Reinforcement, Reinforcing Steel - Grade 60	LBS	24,986.0	1.65	41,227
80	67	03 21 00	[Colton Ave. Bridge] Concrete Reinforcement, Reinforcing Steel - Grade 60 Epoxy Coated	LBS	96,899.0	1.60	155,038
81	68	03 31 00	[Colton Ave. Bridge] Cast-in-Place Concrete, Class AAE-3 Concrete (P)	CY	450	1,100	495,000
82	69	03 31 00	[Colton Ave. Bridge] Cast-in-Place Concrete, Class AE-3 Concrete (P)	CY	350	1,070	374,500
83	70	03 31 00, 32 13 13	[Colton Ave. Bridge] Cast-in-Place Concrete, Concrete Bridge Approach Slab	SY	210	375	78,750
84	71	03 31 00	[Colton Ave. Bridge] Penetrating Water Repellent Treatment	SY	1364	5	6,820
85	72	03 50 00	[Colton Ave. Bridge] Precast Structural Concrete, Prestressed Box Beam - 33IN	LF	1638	230	376,740
86	73	05 12 01	[Colton Ave. Bridge] Structural Steel M270 - Grade 36 (P)	LBS	2248	10	22,480
87	74	05 20 00	[Colton Ave. Bridge] Steel H-Piles Tips 12 X 53	EACH	12	130	1,560
88	75	05 20 00	[Colton Ave. Bridge] Steel H-Piles Tips 14 X 73	EACH	22	160	3,520
89	76	05 20 00	[Colton Ave. Bridge] Steel Piling HP 12 X 53	LF	1104	60	66,240
90	77	05 20 00	[Colton Ave. Bridge] Steel Piling HP 14 X 73	LF	1828	65	118,820
91	78	05 50 55	[Colton Ave. Bridge] Pedestrian Railing	LF	319	155	49,445
92	79	31 20 01	[Colton Ave. Bridge] Class 1 Excavation	LS	1	10,000	10,000
93	80	31 20 01	[Colton Ave. Bridge] Class 2 Excavation	LS	1	22,500	22,500
94	81	31 20 01, 31 23 19	[Colton Ave. Bridge] Foundation Preparation	LS	1	20,000	20,000
95	82	31 23 20	[Colton Ave. Bridge] Pier Cofferdam	EACH	3	75,000.00	225,000
96	83	31 35 27	[Colton Ave. Bridge] Abutment Underdrain System	EACH	2	22,000.00	44,000
97	88	31 20 00	Borrow Site Management	LS	1	15,000.00	15,000
			SUBTOTAL				4,135,065
			CONSTRUCTION CONTINGENCY (5%)				206,753
			TOTAL - OPINION OF CONSTRUCTION COST				4,341,819