

202264383: Speer Boulevard Viaduct Bridge Preventative Maintenance (#8275830)

Line #	Item Code	Item Description	UofM	Quantity	Engineer Estimate		SEMA Construction Inc.	
					Unit Price	Extension	Unit Price	Extension
	Base Bid Section - Bid Items							
1	201-00000	Clearing and Grubbing	LS	1.00	\$100,000.00	\$100,000.00	\$8,600.00	\$8,600.00
2	202-00246	Removal of Asphalt Mat (Planing) (Special)	SY	6,081.00	\$35.00	\$212,835.00	\$14.00	\$85,134.00
3	202-00453	Removal of Portions of Present Structure (Class 2)	SY	307.00	\$700.00	\$214,900.00	\$530.00	\$162,710.00
4	202-00460	Removal of Portions of Present Structure (Class 3)	SY	63.00	\$1,300.00	\$81,900.00	\$1,700.00	\$107,100.00
5	202-00504	Removal of Expansion Device	LF	500.00	\$450.00	\$225,000.00	\$440.00	\$220,000.00
6	202-00505	Removal of Portions of Present Structure	SF	51.00	\$350.00	\$17,850.00	\$76.00	\$3,876.00
7	203-01594	Combination Loader	HR	30.00	\$125.00	\$3,750.00	\$210.00	\$6,300.00
8	203-01597	Potholing	HR	20.00	\$330.00	\$6,600.00	\$270.00	\$5,400.00
9	203-01620	Sweeping	HR	120.00	\$150.00	\$18,000.00	\$190.00	\$22,800.00
10	203-02330	Laborer	HR	30.00	\$60.00	\$1,800.00	\$74.00	\$2,220.00
11	208-00012	Erosion Log Type 1 (9 Inch)	LF	623.00	\$10.00	\$6,230.00	\$5.00	\$3,115.00
12	208-00035	Aggregate Bag	LF	182.00	\$12.00	\$2,184.00	\$9.50	\$1,729.00
13	208-00045	Concrete Washout Structure	LS	1.00	\$6,000.00	\$6,000.00	\$6,800.00	\$6,800.00
14	208-00051	Storm Drain Inlet Protection (Type I)	LF	32.00	\$50.00	\$1,600.00	\$9.50	\$304.00
15	208-00070	Vehicle Tracking Pad	EA	2.00	\$6,000.00	\$12,000.00	\$6,500.00	\$13,000.00
16	208-00103	Removal and Disposal of Sediment (Labor)	HR	160.00	\$75.00	\$12,000.00	\$67.00	\$10,720.00
17	208-00105	Removal and Disposal of Sediment (Equipment)	HR	160.00	\$135.00	\$21,600.00	\$300.00	\$48,000.00
18	208-00106	Sweeping (Sediment Removal)	HR	160.00	\$200.00	\$32,000.00	\$190.00	\$30,400.00
19	208-00107	Removal of Trash	HR	160.00	\$100.00	\$16,000.00	\$89.00	\$14,240.00
20	208-00207	Erosion Control Management	LS	1.00	\$15,000.00	\$15,000.00	\$150,000.00	\$150,000.00
21	212-00050	Sod	SF	5,964.00	\$4.00	\$23,856.00	\$0.80	\$4,771.20
22	212-00100	Tree Retention and Protection	LS	1.00	\$20,000.00	\$20,000.00	\$29,600.00	\$29,600.00
23	212-00700	Organic Fertilizer High N	LB	186.00	\$2.00	\$372.00	\$2.20	\$409.20
24	212-00701	Compost (Mechanically Applied)	LB	41.00	\$55.00	\$2,255.00	\$110.00	\$4,510.00
25	212-00703	Humate	LB	124.00	\$2.00	\$248.00	\$1.30	\$161.20
26	212-00706	Seeding (Native) Drill	ACRE	0.66	\$2,000.00	\$1,320.00	\$990.00	\$653.40
27	213-00002	Mulching (Weed Free Hay)	ACRE	0.66	\$1,500.00	\$990.00	\$1,030.00	\$679.80
28	213-00061	Mulch Tackifier	LB	124.00	\$5.00	\$620.00	\$8.00	\$992.00
29	216-00041	Soil Retention Blanket (Straw/Coconut)	SY	3,488.00	\$5.00	\$17,440.00	\$3.60	\$12,556.80
30	240-00000	Wildlife Biologist	HR	80.00	\$125.00	\$10,000.00	\$110.00	\$8,800.00
31	240-00010	Removal of Nests	HR	95.00	\$385.00	\$36,575.00	\$200.00	\$19,000.00
32	240-00020	Netting	SY	4,500.00	\$15.00	\$67,500.00	\$25.00	\$112,500.00
33	250-00100	Environmental Health and Safety	LS	1.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
34	250-00110	Health and Safety Officer	HR	50.00	\$150.00	\$7,500.00	\$150.00	\$7,500.00
35	403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	TON	633.00	\$110.00	\$69,630.00	\$220.00	\$139,260.00
36	408-01100	Joint Sealant	LF	414.00	\$35.00	\$14,490.00	\$39.00	\$16,146.00
37	509-00111	Structural Steel (Sidewalk Floodlight Grates)	LS	1.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
38	509-00112	Structural Steel (Hanger Cover Plates)	LS	1.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
39	509-07000	Pigeon Spikes	LF	115.00	\$65.00	\$7,475.00	\$36.00	\$4,140.00
40	509-80000	Plexiglass	LF	44.00	\$200.00	\$8,800.00	\$650.00	\$28,600.00

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					Unit Price	Extension	Unit Price	Extension
41	509-90011	Paint Existing Structure (Speer over Platte River Bridges)	LS	1.00	\$5,620,000.00	\$5,620,000.00	\$6,780,900.00	\$6,780,900.00
42	509-90012	Spot Paint Existing Structure (Speer over Platte River Bridges)	SF	950.00	\$30.00	\$28,500.00	\$42.00	\$39,900.00
43	509-90015	Paint Existing Structure (Speer over Little Raven Bridges)	LS	1.00	\$640,000.00	\$640,000.00	\$748,700.00	\$748,700.00
44	515-00120	Waterproofing (Membrane)	SY	6,081.00	\$40.00	\$243,240.00	\$29.00	\$176,349.00
45	518-01004	Bridge Expansion Device (0-4 Inch)	LF	500.00	\$550.00	\$275,000.00	\$800.00	\$400,000.00
46	601-03040	Concrete Class D (Bridge)	CY	58.00	\$1,500.00	\$87,000.00	\$3,300.00	\$191,400.00
47	601-03057	Concrete Class DR	CY	52.00	\$3,500.00	\$182,000.00	\$7,200.00	\$374,400.00
48	601-06102	Concrete (Patching)	CF	17.00	\$400.00	\$6,800.00	\$4,300.00	\$73,100.00
49	601-51005	Galvanic Anodes	EA	100.00	\$32.00	\$3,200.00	\$27.00	\$2,700.00
50	602-00020	Reinforcing Steel (Epoxy Coated)	LB	2,267.00	\$4.00	\$9,068.00	\$4.70	\$10,654.90
51	607-11525	Fence (Plastic)	LF	18,500.00	\$10.00	\$185,000.00	\$2.40	\$44,400.00
52	620-00020	Sanitary Facility	EA	2.00	\$3,500.00	\$7,000.00	\$1,300.00	\$2,600.00
53	625-00000	Construction Surveying	LS	1.00	\$75,000.00	\$75,000.00	\$175,000.00	\$175,000.00
54	625-00001	Construction Surveying (Hourly)	HR	40.00	\$200.00	\$8,000.00	\$190.00	\$7,600.00
55	626-00000	Mobilization	LS	1.00	\$1,000,000.00	\$1,000,000.00	\$2,150,000.00	\$2,150,000.00
56	626-01113	Public Information Management (Tier III)	LS	1.00	\$18,375.00	\$18,375.00	\$29,200.00	\$29,200.00
57	627-00008	Modified Epoxy Pavement Marking	GAL	15.00	\$500.00	\$7,500.00	\$120.00	\$1,800.00
58	627-30405	Preformed Thermoplastic Pavement Marking (Word- Symbol)	SF	33.00	\$45.00	\$1,485.00	\$24.00	\$792.00
59	627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	SF	110.00	\$27.00	\$2,970.00	\$18.00	\$1,980.00
60	630-00003	Uniformed Traffic Control	HR	50.00	\$110.00	\$5,500.00	\$150.00	\$7,500.00
61	630-00006	Uniformed Traffic Control (Vehicle)	HR	50.00	\$60.00	\$3,000.00	\$61.00	\$3,050.00
62	630-00016	Traffic Control (Special)	LS	1.00	\$1,800,000.00	\$1,800,000.00	\$1,500,000.00	\$1,500,000.00
	Base Bid Section - Allowance Account Items							
63	700-70380	A/A Erosion Control	A/A	1.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
64	700-70589	A/A Environmental Health & Safety Management	A/A	1.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
65	700-70600	A/A Lighting/Electrical System Repairs	A/A	1.00	\$16,500.00	\$16,500.00	\$16,500.00	\$16,500.00
66	700-73351	A/A Traffic Control	A/A	1.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
67	700-73352	A/A Painting Allowance	A/A	1.00	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
	Base Bid Section - Textura Fee							
68	TF-1	Textura Fee (Refer to BF-3)	LS	1.00	\$20,345.00		\$20,300.00	\$20,345.00
						\$11,686,458.00		\$14,216,598.50
	Add Alternate 1 Section - Bid Items							
69	201-00000	Clearing and Grubbing	LS	1.00	\$5,012.00	\$5,012.00	\$8,700.00	\$8,700.00
70	202-00200	Removal of Sidewalk	SY	46.00	\$35.00	\$1,610.00	\$190.00	\$8,740.00
71	202-00210	Removal of Concrete Pavement	SY	326.00	\$70.00	\$22,820.00	\$39.00	\$12,714.00
72	202-00426	Removal of Bridge Railing (Special)	LF	124.00	\$10.00	\$1,240.00	\$76.00	\$9,424.00
73	202-00495	Removal of Portions of Present Structure	LS	1.00	\$175,000.00	\$175,000.00	\$38,600.00	\$38,600.00
74	202-00504	Removal of Expansion Device	LF	242.00	\$450.00	\$108,900.00	\$240.00	\$58,080.00
75	202-00505	Removal of Portions of Present Structure	SF	49.00	\$350.00	\$17,150.00	\$95.00	\$4,655.00
76	206-00000	Structure Excavation	CY	624.00	\$35.00	\$21,840.00	\$100.00	\$62,400.00

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Line #	Item Code	Item Description	UofM	Quantity	Engineer Estimate		SEMA Construction Inc.	
					Unit Price	Extension	Unit Price	Extension
77	206-00100	Structure Backfill (Class 1)	CY	624.00	\$80.00	\$49,920.00	\$110.00	\$68,640.00
78	206-01750	Shoring	LS	1.00	\$300,000.00	\$300,000.00	\$92,600.00	\$92,600.00
79	212-00100	Tree Retention and Protection	LS	1.00	\$7,500.00	\$7,500.00	\$29,600.00	\$29,600.00
80	250-00100	Environmental Health and Safety	LS	1.00	\$7,500.00	\$7,500.00	\$5,400.00	\$5,400.00
81	403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	TON	39.00	\$110.00	\$4,290.00	\$220.00	\$8,580.00
82	408-01100	Joint Sealant	LF	242.00	\$35.00	\$8,470.00	\$46.00	\$11,132.00
83	515-00120	Waterproofing (Membrane)	SY	363.00	\$45.00	\$16,335.00	\$29.00	\$10,527.00
84	518-01004	Bridge Expansion Device (0-4 Inch)	LF	195.00	\$550.00	\$107,250.00	\$670.00	\$130,650.00
85	601-03040	Concrete Class D (Bridge)	CY	374.00	\$1,500.00	\$561,000.00	\$1,400.00	\$523,600.00
86	601-06102	Concrete (Patching)	CF	17.00	\$400.00	\$6,800.00	\$13,300.00	\$226,100.00
87	602-00000	Reinforcing Steel	LB	5,803.00	\$3.00	\$17,409.00	\$4.80	\$27,854.40
88	602-00020	Reinforcing Steel (Epoxy Coated)	LB	26,242.00	\$4.00	\$104,968.00	\$4.80	\$125,961.60
89	608-00000	Concrete Sidewalk	SY	46.00	\$100.00	\$4,600.00	\$160.00	\$7,360.00
90	625-00000	Construction Surveying	LS	1.00	\$10,000.00	\$10,000.00	\$40,700.00	\$40,700.00
91	626-00000	Mobilization	LS	1.00	\$160,000.00	\$160,000.00	\$4,200.00	\$4,200.00
92	627-00008	Modified Epoxy Pavement Marking	GAL	3.00	\$500.00	\$1,500.00	\$120.00	\$360.00
93	627-30405	Preformed Thermoplastic Pavement Marking (Word- Symbol)	SF	17.00	\$45.00	\$765.00	\$24.00	\$408.00
94	627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	SF	425.00	\$25.00	\$10,625.00	\$18.00	\$7,650.00
95	630-00016	Traffic Control (Special)	LS	1.00	\$100,000.00	\$100,000.00	\$430,600.00	\$430,600.00
96	631-00000	Railroad Coordination	HR	30.00	\$200.00	\$6,000.00	\$290.00	\$8,700.00
97	632-10000	RTD Coordination	HR	30.00	\$200.00	\$6,000.00	\$290.00	\$8,700.00
	Add Alternate 1 Section - Force Account Items							
98	700-70038	F/A Railroad Coordination Fees	F/A	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
99	700-70039	F/A Railroad Contractor Orientation Course	F/A	1.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
100	700-70041	F/A Railroad Inspector Coordinator	F/A	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
101	700-70042	F/A Railroad Flagging	F/A	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
						\$1,877,004.00		\$2,005,136.00
	Add Alternate 2 Section - Bid Items							
102	202-00246	Removal of Asphalt Mat (Planing) (Special)	SY	1,668.00	\$35.00	\$58,380.00	\$15.00	\$25,020.00
103	202-00453	Removal of Portions of Present Structure (Class 2)	SY	84.00	\$700.00	\$58,800.00	\$540.00	\$45,360.00
104	202-00460	Removal of Portions of Present Structure (Class 3)	SY	18.00	\$1,300.00	\$23,400.00	\$2,000.00	\$36,000.00
105	403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	TON	137.00	\$110.00	\$15,070.00	\$220.00	\$30,140.00
106	515-00120	Waterproofing (Membrane)	SY	1,668.00	\$45.00	\$75,060.00	\$29.00	\$48,372.00
107	601-03057	Concrete Class DR	CY	14.00	\$3,500.00	\$49,000.00	\$3,700.00	\$51,800.00
108	601-51005	Galvanic Anodes	EA	50.00	\$32.00	\$1,600.00	\$29.00	\$1,450.00
109	602-00020	Reinforcing Steel (Epoxy Coated)	LB	698.00	\$4.00	\$2,792.00	\$4.80	\$3,350.40
110	621-00530	Overhead Contact System (OCS) Temporary Protective Structure	LS	1.00	\$400,000.00	\$400,000.00	\$121,200.00	\$121,200.00
111	626-00000	Mobilization	LS	1.00	\$120,000.00	\$120,000.00	\$9,700.00	\$9,700.00
112	630-00016	Traffic Control (Special)	LS	1.00	\$100,000.00	\$100,000.00	\$109,800.00	\$109,800.00

