

ANALYSIS OF BIDS
 JOB NO. 009784 BUFFALO RIVER & MILL CREEK STRS. & APPRS. (S)
 LETTING OF JANUARY 16, 2019

QUANTITY	UNIT	ITEM				AVG OF LOW BIDS
1.00	LS	REML. OF EXIST BR. STR. (SITE NO. 1)	100,000.00	90,800.00	160,154.73	116,984.91
1.00	LS	REML. OF EXIST BR. STR. (SITE NO. 2)	10,000.00	16,500.00	20,536.42	15,678.81
503.00	CUYD	UNCL. EXC. FOR STRS BR.	100.00	95.00	181.07	125.36
991.10	CUYD	CLASS S CONCRETE - BRIDGE	650.00	775.00	889.98	771.66
1,478.80	CUYD	CLASS S (AE) CONCRETE - BRIDGE	650.00	725.00	956.57	777.19
4,310.20	SQYD	CLASS 2 PROTECT. SURF. TREATMENT	6.00	3.25	5.75	5.00
160,410.00	LB	REINF. STEEL-BRIDGE (GR. 60)	1.00	1.10	1.17	1.09
387,490.00	LB	EPXOY COAT. REINF. STEEL (GR. 60)	1.10	1.05	1.29	1.15
368.00	LF	STEEL PILING (HP 14X73)	90.00	92.00	86.38	89.46
153.00	LF	STEEL PILING (HP 14X89)	100.00	121.00	168.08	129.69
496.00	LF	PREBORING	200.00	240.00	390.92	276.97
721.00	LF	METAL BR. RAILING (TYPE P-1)	144.00	165.00	163.26	157.42
1,476.00	LF	METAL BR. RAILING (TYPE P M-1)	126.00	145.00	141.68	137.56
213,790.00	LB	STR. STEEL IN BEAM SP. (M 270 GR. 50W)	1.81	1.67	1.87	1.78
2,283,220.00	LB	STR. STEEL IN PL. GRDR. SP. (M 270 GR. 50W)	1.81	1.85	1.89	1.85
68.30	TON	PAINTING STR. STEEL	395.00	806.00	505.12	568.71
48,572.00	CUIN	ELASTOMERIC BEARINGS	2.00	1.60	1.90	1.83
150.00	LF	ARMORED JOINT W/NEOPRENE SEAL	200.00	275.00	218.49	231.16
54.00	LF	SILICONE JOINT SEAL	70.00	43.00	55.80	56.27
1.00	EACH	BR. NAME PLATE (TYPE C)	1,000.00	500.00	1,154.09	884.70
1.00	EACH	BR. NAME PLATE (TYPE D)	1,000.00	1,000.00	1,154.09	1,051.36
390.00	SQYD	FILTER BANKET	3.00	2.50	2.89	2.80
230.00	CUYD	DUMPED RIPRAP	45.00	78.00	129.38	84.13
227.00	LF	DRILLED SHAFT (96" DIAM)	2,100.00	2,700.00	2,732.41	2,510.80
123.00	LF	PERM. STEEL CASING (108" DIAM)	1,100.00	1,400.00	1,265.00	1,255.00
6.00	EACH	CROSSHOLE SONIC LOGGING (96" DIAM)	2,000.00	2,000.00	5,673.33	3,224.44
40.00	LF	DRILLED SHAFT (48" DIAM)	1,000.00	1,400.00	3,050.99	1,817.00
1.00	EACH	CROSSHOLE SONIC LOGGING (48" DIAM)	2,000.00	2,000.00	5,865.00	3,288.33
122.00	LF	CORING DRILLED SHAFT	70.00	76.00	115.00	87.00
4,429.00	SQFT	ARCHITECTURAL FINISH	12.00	10.00	8.56	10.19
30,630.00	SQFT	STAINING CONC. SURFACES	1.60	1.75	1.50	1.62
TOTAL AMOUNT BID FOR JOB			\$13,554,822.00	\$13,995,000.00	\$15,725,716.00	
TOTAL AMOUNT BID FOR BRIDGE			\$8,283,371.80	\$8,837,037.95	\$9,805,483.11	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07423	702.25	49.3333	34,644.31	1A	1B
04940	302.17	27.17	<u>8,208.87</u>	2A	2B
		A =	42,853.18		

1A: TWO CONT. COMP PLATE GIRDER UNITS; 250' (125'-125') & 8 450' (200'-250') ON MULTI COLUMN DRILLED SHAFT INT BENTS & STEEL H-PILE END BENTS
 1B: 375' LONG AND 21.3' WIDE CONC. DECK GIRDER APPR. AND THRU-TRUSS SPANS ON CONC. COLUMNS AND SPREAD FOOTINGS

2A: 300' CONT. COMP. W-BEAM UNIT ON STEEL H-PILE END BENTS AND HAMMERHEAD BENTS ON SPREAD FOOTINGS

2B: LOW WATER CROSSING

OUT TO OUT COST (\$/SF) = \$8,283,371.80/A =	\$193.30	FHWA COST (\$/SF) = \$8,161,851.80/A = \$190.46
LESS REMVL OF EXIST BR. (\$/SF)	\$2.57	EXISTING BR. REMOVAL (\$/SF) = \$10.37
NET COST (\$/SF)	\$190.73	DEDUCT RIPRAP, FILTER BLANKET & REMOVAL COSTS FROM FHWA COST.

BR. NO. 07423 - FUNCTION CLASS -06 - RURAL - MINOR ART.
 BR. NO. 04940 - FUNCTION CLASS -09 - RURAL - LOCAL
 OFF NHS
 DESIGN SECTION - JYP