

ANALYSIS OF BIDS
 JOB NO.090472 LITTLE SUGAR & TANYARD CREEKS STRS. & APPRS. (S)
 LETTING OF AUGUST 5, 2020

QUANTITY	UNIT	ITEM	EMERY SAPP & SONS INC.	MANHATTAN ROAD & BRIDGE CO.		AVG OF LOW BIDS
1.00	LS	REMOVAL OF EXIST BR. STR. (M3230)	100000.00	300000.00	0.00	200,000.00
1.00	LS	REMOVAL OF EXIST BR. STR. (05155)	400000.00	300000.00	0.00	350,000.00
4294.00	CUYD	UNCLASS. EXC. FOR EXIST. STRS. BR.	35.00	25.00	0.00	30.00
743.21	CUYD	CLASS S CONCRETE BR.	668.00	1200.00	0.00	934.00
835.50	CUYD	CLASS S (AE) CONCRETE BR.	888.00	700.00	0.00	794.00
2752.60	GAL	CLASS 2 PROT. SURF. TREATMENT	10.50	6.00	0.00	8.25
100731.00	LB	REINF. STEEL BR. (GRADE 60)	1.20	1.40	0.00	1.30
243310.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.05	1.35	0.00	1.20
846.00	LF	STEEL PILING (HP 12X53)	73.50	70.00	0.00	71.75
342.00	LF	STEEL PILING (HP 14X89)	120.00	150.00	0.00	135.00
857.00	LF	PREBORING	260.00	265.00	0.00	262.50
448.00	LF	METAL RAILING (TYPE H)	92.25	90.00	0.00	91.13
228.00	LF	METAL RAILING (TYPE H2)	178.00	175.00	0.00	176.50
309.00	LF	METAL RAILING (TYPE H3)	192.50	225.00	0.00	208.75
5.00	EA	TRANS. APPR. RAILING	4775.00	6100.00	0.00	5,437.50
596600.00	LB	STR. STEEL IN BEAM SP. (ASTM, A709, GR. 50W)	2.50	2.40	0.00	2.45
37698.00	CUIN	ELASTOMERIC BEARINGS	1.70	1.75	0.00	1.73
162.00	LF	SILICONE JOINT SEAL.	76.00	68.00	0.00	72.00
2.00	EA	BR. NAME PLATE	1250.00	500.00	0.00	875.00
691.00	CUYD	DUMPED RIPRAP	68.00	62.00	0.00	65.00
4847.00	SQYD	FILTER BLANKET	4.00	3.85	0.00	3.93
4451.00	TON	FOUND. PROTEC. RIPRAP	36.25	30.00	0.00	33.13
143.00	LF	DRILLED SHAFT (48" DIAM)	1135.00	1600.00	0.00	1,367.50
164.00	LF	DRILLED SHAFT (54" DIAM)	1612.00	2000.00	0.00	1,806.00
83.00	LF	PERM. STEEL CASING (54" DIAM)	290.00	405.00	0.00	347.50
52.00	LF	PERM. STEEL CASING (60" DIAM)	353.00	595.00	0.00	474.00
6.00	EA	CSL (48" DIAM)	2600.00	1500.00	0.00	2,050.00
8.00	EA	CSL (54" DIAM)	3025.00	1500.00	0.00	2,262.50
42.00	LF	CORING DRILLED SHAFTS	180.00	100.00	0.00	140.00
122.61	CUYD	APPROACH SLABS	375.00	650.00	0.00	512.50
23996.00	LB	REINF. STEEL RDWY. (GRADE 60)	1.36	1.40	0.00	1.38
1.00	LS	SHORING	70000.00	98000.21	0.00	84,000.11

TOTAL AMOUNT BID FOR JOB \$9,283,679.00 \$9,664,414.00 \$0.00

TOTAL AMOUNT BID FOR BRIDGE \$5,248,439.44 \$5,750,636.06 \$0.00

BRIDGE ID	LENGTH	WIDTH	AREA (SQYD)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07480	121.00	45.50	5,505.50	1A	1B
07481	240.15	80.96	19,441.80	2A	2B
		A =	24,947.30		

1A: 120' CONT. INT. W-BEAM UNIT ON STEEL PILINGS AND DRILLED SHAFTS

2A: 238' CONT. W-BEAM UNIT ON STEEL PILINGS AND DRILLED SHAFTS

1B: 31' L AND 26.3' W CONC. CHANNEL BEAMS SUPPORTED BY REINF. CONC. WALL ABUTMENTS ON STEEL PILES

2B: 287' L AND 47' W COMP. W-BEAM UNITS SUPPORTED BY CONC. PILE CAP AND BENT, CONC. INT. BENTS AND CONC. ABUTMENT ON PILE FOOTINGS

OUT TO OUT COST (\$/SF) = \$5,248,439.44/A =
LESS REMVL OF EXIST BR. (\$/SF)

\$210.38
\$20.04

FHWA COST (\$/SF) = \$4,426,839.69/A= \$177.45
EXISTING BR. REMOVAL (\$/SF) = \$34.96

NET COST (\$/SF)

\$190.34

DEDUCT REMOVAL, RIPRAP, FILTER BLANKET,
TRAN. APPR. RAILING & SHORING COSTS FROM FHWA COST.

FUNCTION CLASS 16 - URBAN - MINOR ART.
OFF NHS
DESIGN SECTION - KWY

JOB 090472 LET 8/5/2020