

ANALYSIS OF BIDS
 JOB NO. 030501 SALINE & CADDO RIVERS STRS. & APPRS. (S)
 LETTING OF SEPTEMBER 16, 2020

QUANTITY	UNIT	ITEM	MANHATTAN RD. & BRIDGE CO.			AVG OF LOW BIDS
1.00	LS	REMOVAL OF EXIST BR. STR. (02082)	65000.00	0.00	0.00	65,000.00
1.00	LS	REMOVAL OF EXIST BR. STR. (03089)	75000.00	0.00	0.00	75,000.00
	LS	REMOVAL OF EXIST BR. STR. (03602)	40000.00	0.00	0.00	40,000.00
2182.00	CUYD	UNCLASS. EXC. FOR STRS. BR.	50.00	0.00	0.00	50.00
8.00	EA	COFFERDAM	92500.00	0.00	0.00	92,500.00
1314.80	CUYD	CLASS S CONCRETE BR.	900.00	0.00	0.00	900.00
2218.70	CUYD	CLASS S (AE) CONCRETE BR.	650.00	0.00	0.00	650.00
504.00	CUYD	SEAL CONC. BR.	650.00	0.00	0.00	650.00
162.70	GAL	CLASS 1 PROT. SURF. TREATMENT	400.00	0.00	0.00	400.00
246470.00	LB	REINF. STEEL BR. (GRADE 60)	1.20	0.00	0.00	1.20
593390.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.25	0.00	0.00	1.25
888.00	LF	STEEL PILING (HP 12X53)	70.00	0.00	0.00	70.00
3458.00	LF	STEEL PILING (HP 14X73)	65.00	0.00	0.00	65.00
888.00	LF	PREBORING	170.00	0.00	0.00	170.00
1246.00	LF	METAL RAILING (TYPE H)	65.00	0.00	0.00	65.00
4.00	EA	TRANS. APPR. RAILING	4000.00	0.00	0.00	4,000.00
371480.00	LB	STR. STEEL IN BEAM SP. (A709, GR. 50W)	2.25	0.00	0.00	2.25
1605900.00	LB	STR. STEEL IN PLATE GIRDER SP. (A709, GR. 50W)	2.25	0.00	0.00	2.25
22.80	TON	PAINTING STR. STEEL	1500.00	0.00	0.00	1,500.00
84869.00	CUIN	ELASTOMERIC BEARINGS	2.00	0.00	0.00	2.00
84.00	LF	ARMORED JOINT WITH NEOPRENE STRIP SEAL	160.00	0.00	0.00	160.00
74.00	LF	SILICONE JOINT SEAL	60.00	0.00	0.00	60.00
3.00	EA	BR. NAME PLATE (TYPE D)	980.00	0.00	0.00	980.00
3188.00	SQYD	FILTER BLANKET	6.00	0.00	0.00	6.00
1706.00	CUYD	DUMPED RIRPRAP	87.00	0.00	0.00	87.00
240.00	LF	CORING DRILLED SHAFT	85.00	0.00	0.00	85.00
218.00	LF	DRILLED SHAFT (54" DIAM)	1117.00	0.00	0.00	1,117.00
393.00	LF	DRILLED SHAFT (72" DIAM)	1654.00	0.00	0.00	1,654.00
110.00	LF	PERM. STEEL CASING (66" DIAM)	260.00	0.00	0.00	260.00
177.00	LF	PERM. STEEL CASING (84" DIAM)	360.00	0.00	0.00	360.00
8.00	EA	CSL (54" DIAM)	3000.00	0.00	0.00	3,000.00
12.00	EA	CSL (72" DIAM)	3000.00	0.00	0.00	3,000.00

TOTAL AMOUNT BID FOR JOB	\$20,547,510.00	\$0.00	\$0.00
TOTAL AMOUNT BID FOR BRIDGE	\$11,527,297.50	\$0.00	\$0.00

BRIDGE ID	LENGTH	WIDTH	AREA (SQYD)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07440	467.22	43.17	20,168.29	1A	1B
07441	605.33	54.17	32,788.91	2A	2B
07442	382.21	37.17	14,205.42	3A	3B
		A =	67,162.62		

1A: 43.2' W AND 467.2' L CONT. COMP. PLATE GIRDER UNIT ON DRILLED SHAFTS AND STEEL PILINGS.
 2A: 54.2' W AND 605.3' L CONT. COMP. PLATE GIRDER UNIT ON DRILLED SHAFTS AND STEEL PILINGS.
 3A: 37.2' W AND 382.2' L CONT. COMP. W-BEAM UNIT ON DRILLED SHAFTS AND STEEL PILINGS.

REVIEWED
 By Kyle Yeary at 2:47 pm, Nov 12, 2020

1B: 31.8' W AND 461.0' L STEEL CANTILEVER I-BEAM SPANS ON CONC. COLUMN BENTS AND SPREAD FOOTINGS.

2B: 33.5' W AND 587.2' L STEEL I-BEAM SPANS ON CONC. WALL PIERS AND END. BENTS ON PILINGS.

3B: 28.5' W AND 362.2' L STEEL BEAM SPANS ON 2-COLUMN CONC. INT. BENTS ON SPREAD FOOTINGS.

OUT TO OUT COST (\$/SF) = \$11,527,297.50/A =

\$171.62

LESS REMVL OF EXIST BR. (\$/SF)

\$2.68

NET COST (\$/SF)

\$168.94

FHWA COST (\$/SF) = \$11,163,747.50/A= \$166.21

EXISTING BR. REMOVAL (\$/SF) = \$4.04

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

BRS: 07440 & 07441 - FUNCTION CLASS 6 - RURAL - MIN. ART.

BR: 07442 - FUNCTION CLASS 7 - RURAL - MAJ. COLL.

OFF NHS

DESIGN SECTION - KWY

JOB 030501 LET 9/16/2020

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By Kyle Yeary at 2:47 pm, Nov 12, 2020