

STPR-STPF- 0044 (13)

ANALYSIS OF BIDS
 JOB NO. 090343 HWY. 74 - HUNTSVILLE STRS. & APPRS. (S)
 LETTING OF OCTOBER 13, 2015

QUANTITY	UNIT	ITEM	CO	CROUSE CONSTR.	EUTAW CONSTR.	PACE CONSTR.	LOW BIDS	AVG OF
				CO, INC.	CO, INC.	CO, LLC		
1.00	LS	REM. OF EXIST. BR. STR. (BR. NO. 02497 SITE 2)	60,000.00	58,000.00	150,000.00	89,333.33		
1.00	LS	REM. OF EXIST. BR. STR. (BR. NO. M0556 SITE 1)	22,000.00	10,000.00	12,000.00	14,666.67		
1.00	LS	REM. OF EXIST. BR. STR. (BR. NO. M0557 SITE 3)	22,000.00	10,000.00	20,000.00	17,333.33		
1.00	LS	REM. OF EXIST. BR. STR. (BR. NO. M0558 SITE 4)	22,000.00	10,000.00	12,000.00	14,666.67		
1,126.00	CUYD	UNCLASS. EXCAV.FOR STRS-BR	100.00	60.00	80.00	80.00		
823.60	CUYD	CLASS S CONCRETE - BRIDGE	600.00	550.00	500.00	550.00		
584.10	CUYD	CLASS S (AE) CONCRETE - BRIDGE	600.00	900.00	600.00	700.00		
2,395.30	GAL	CLASS 2 PROTECT. SURF.TREATMENT	5.00	4.50	3.87	4.46		
120,810.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.80	1.00	0.95	0.92		
136,110.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.00	1.10	1.32	1.14		
642.00	LF	STEEL PILING (HP 12X53)	70.00	77.00	64.00	70.33		
542,500.00	LB	STR. STEEL IN BEAM SP. (M 270. GR. 50W)	1.70	2.00	1.63	1.78		
120.00	LF	PREBORING	100.00	164.00	102.00	122.00		
16,828.00	CUIN	ELASTOMERIC BEARINGS	1.60	2.25	2.30	2.05		
86.00	LF	SILICONE JOINT SEALANT	70.00	10.00	275.00	118.33		
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	1,000.00	1,100.00	650.00	916.67		
730.00	SQYD	FILTER BLANKET	3.00	3.50	4.50	3.67		
152.00	CUYD	DUMPED RIPRAP	60.00	65.00	80.00	68.33		
941.00	TON	FOUNDATION PROTECT. RIPRAP	30.00	65.00	42.00	45.67		
TOTAL AMOUNT BID FOR JOB			\$6,048,708.04	\$7,199,477.90	\$7,315,000.00			
TOTAL AMOUNT BID FOR BRIDGE			\$2,380,629.30	\$5,088,695.76	\$2,405,618.91			

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BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07346	452.23	43.17	<u>19,521.24</u>	1A	*1B
		A =	19,521.24		*2B
					*3B
					*4B

1A: 45' CONT. COMP W-BEAM (65'-80'-80'-80'-65') ON STEEL H-PILES

*1B: BR. 03852 IS 28.6' WIDE AND 442' LONG WITH 7 COMP. STEEL AND CONC. SIMPLE SPANS, SUPPORTED BY CONC. PIERS ON SPREAD FOOTINGS OF INTERM. BENTS AND STEEL PILING AT END BENTS

*2B: BOX CULVERT (BR. NO. M0556) CONSISTS OF A CONC. DECK ON STEEL BEAMS SUPPORTED BY MASONRY BENTS

*3B: BOX CULVERT (BR. NO. M0557) CONSISTS OF A CONC. DECK ON STEEL BEAMS SUPPORTED BY CONC. PIERS

*4B: BOX CULVERT (BR. NO. M0558) CONSISTS OF CONC. SLAB SPANS SUPPORTED BY MASONRY BENTS

OUT TO OUT COST (\$/SF) = \$2,380,629.30/A = \$121.95 FHWA COST (\$/SF) = \$2,215,089.93/A = \$113.48
 LESS REMOVAL (\$/SF) \$6.45 EXISTING BR. REMOVAL (\$/SF) = \$7.47

NET COST (\$/SF) \$115.50 DEDUCT REMVL, RIPRAP, AND FLTR BLNKT
 COSTS FROM FHWA COST.

* STR. DEFICIENT BRIDGE

FUNCTION CLASS - 06 - MINOR ARTERIAL - RURAL
 ON NHS
 DESIGN SECTION - KWW