

ANALYSIS OF BIDS
 JOB NO. BB0107 SHEARERVILLE-HWY. 77 (S)
 LETTING OF JULY 21, 2015

QUANTITY	UNIT	ITEM	APAC - TENNESSEE INC.	REDSTONE CONSTR. GROUP, INC.	AVG OF LOW BIDS
1.00	L.S.	REM. OF EXIST. BR. STR. SITE 1. (EXIST. BR NO. A3113)	99,900.00	96,500.00	98,200.00
1.00	L.S.	REM. OF EXIST. BR. STR. SITE 2. (EXIST. BR NO. B3113)	99,900.00	96,500.00	98,200.00
1.00	L.S.	REM. OF EXIST. BR. STR. SITE 3. (EXIST. BR NO. A3114)	99,900.00	96,500.00	98,200.00
1.00	L.S.	REM. OF EXIST. BR. STR. SITE 4. (EXIST. BR NO. B3113)	99,900.00	96,500.00	98,200.00
821.40	CUYD	CLASS S CONCRETE BRIDGE	958.40	972.30	965.35
1,414.20	CUYD	CLASS S (AE) CONCRETE BRIDGE	735.00	745.50	740.25
1,264.00	SQYD	***GROOVING (EXIST. BR 03123)	10.50	10.50	10.50
118.80	GAL	CLASS 1 PROTECTIVE SURFACE TREATMENT	136.65	138.60	137.63
910.00	LF	***CLASS 3 PROTECTIVE SURFACE TREATMENT (EXIST. BR 031	8.35	8.40	8.38
83,320.00	LB	REINFORCING STEEL BR (GRADE 60)	1.30	1.32	1.31
3,548.00	LB	EPOXY COATED REINF. STEEL (GRADE 60) AP SL/GUTT	1.30	1.31	1.31
356,420.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.30	1.31	1.31
5,610.00	LF	STEEL SHELL PILING (18" DIAM)	103.50	105.00	104.25
5,610.00	LF	STEEL SHELL PILING (24" DIAM)	148.00	150.15	149.08
1,020.00	LF	PILE ENCASEMENT	133.50	135.45	134.48
1,073,620.00	LB	STR STEEL IN BM SPANS (M 270 GRADE 50W)	2.55	2.56	2.56
39,423.00	CUIN	ELASTOMERIC BEARINGS	2.55	2.56	2.56
736.00	LF	SILICONE JOINT SEALANT	38.30	38.85	38.58
2.00	EA	BRIDGE NAME PLATE (TYPE D)	565.10	573.30	569.20
462.00	CUYD	CONCRETE RIPRAP	575.45	583.80	579.63
241.00	CUYD	DUMPED RIPRAP	98.30	143.55	120.93
442.00	SQYD	FILTER BLANKET	6.20	6.30	6.25
500.00	LB	***REINFORCING STEEL BR (GRADE 60) (EXIST. BR 03123)	1.30	1.30	1.30
1,416.00	SQYD	***HYDRODEMOLITION (EXIST. BR 03123)	130.35	131.25	130.80
1,420.00	SQYD	***LATEX MOD CONCRETE OVERLAY (EXIST. BR 03123)	160.60	161.70	161.15
1,911.00	SQYD	***BRIDGE DECK REPAIR (EXIST. BR 03123)	15.65	15.75	15.70
149,152.00	LB	REINFORCING STEEL - RDWY. (GR 60)	1.25	1.26	1.26
233.00	CY	APPROACH GUTTERS	640.00	646.80	643.40
1014.80	CY	APPROACH SLABS	415.00	420.00	417.50

TOTAL AMOUNT BID FOR JOB	\$38,530,761.65	\$42,086,829.01
TOTAL AMOUNT BID FOR BRIDGE	\$8,746,484.68	\$8,824,696.18
TOTAL AMOUNT BID FOR BRIDGE MINUS HYDRO/OVERLAY	\$8,282,429.43	\$8,357,567.93

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A7025	188.00	131.17	24,659.34	1A	1B & 2B
07344	188.00	131.17	24,659.34	2A	3B & 4B
		A =	49,318.68		
OVERLAY BR	LENGTH	WIDTH	AREA (CLEAR)		
03123	455.00	28.00	12,740.00		5B

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1A - 185'-0 Cont. W-Beam Unit (58'-69'-58') Supported by Concrete Filled Steel Shell Piles
2A - 185'-0 Cont. W-Beam Unit (58'-69'-58') Supported by Concrete Filled Steel Shell Piles
1B THRU 4B - 42.0' W and 150.0' L - Consisting of Reinforced Concrete Slab Spans Supported by Concrete Pile Bents
5B - Rehabilitate Bridge Deck - Hydrodemolition

OUT TO OUT COST (\$/SF) = \$8,746,984.68 /A = **\$177.35**
LESS REMOVAL / TEMP BR/ SHORING (\$/SF) **\$8.10**
NET COST (\$/SF) **\$169.25**

***BID COST OF HYDRO/OVERLAY = \$464,055.25
DEDUCT REINF STEEL AND BRIDGE DECK REPAIR
HYDRO/OVERLAY COST (\$/SF) = 433,498.10
/A= **\$34.03**

FHWA COST (\$/SF) = \$7,590,540.83 /A= \$153.91
EXISTING BR. REMOVAL (\$/SF) = \$15.86
DEDUCT REMVL, TEMP BR, RIPRAP, FLTR BLNKT,
SHORING & TRANS APPR RAIL COSTS FROM FHW/
COST.

FUNCTION CLASS - 11 PRINCIPAL ARTERIAL - INTERSTATE
ON NHS
DESIGN SECTION - AMS