

HSIP-9394 (13)

ANALYSIS OF BIDS
 JOB NO. HWY. 43 KCS RAILROAD OVERPASS (SILOAM SPRINGS) (S)
 LETTING OF NOVEMBER 2, 2016

QUANTITY	UNIT	ITEM	MANHATTAN RD. & BR. CO	EMERY SAPP & SONS INC.	CLARKSON CONSTR. CO	AVG OF LOW BIDS
274.00	LF	7' STEEL CHAIN LINK FENCE	47.00	46.25	35.00	42.75
870.40	CUYD	CLASS S CONCRETE - BRIDGE	525.00	580.00	711.31	605.44
1,342.50	CUYD	CLASS S (AE) CONCRETE - BRIDGE	450.00	610.00	678.13	579.38
4,852.00	GAL	CLASS 2 PROTECT. SURF. TREATMENT	4.25	4.20	5.70	4.72
120,940.00	LB	REINF. STEEL-BRIDGE (GR 60)	1.00	0.85	0.80	0.88
282,560.00	LB	EPOXY COAT REINF. STEEL (GR 60)	1.00	1.00	0.78	0.93
585.00	LF	STEEL PILING (HP 12X53)	55.00	55.00	83.31	64.44
814.00	LF	METAL BRIDGE RAILING (TYPE H)	42.00	55.00	33.80	43.60
4.00	EACH	TRANSITIONAL APPROACH RAILING	5,400.00	3,800.00	4,348.87	4,516.29
1,300,380.00	LB	STRUCT. STEEL IN BEAM SP. (M 270, GR. 50W)	1.61	1.70	1.96	1.76
170.00	LF	ARMORED JOINT WITH NEOPRENE STRIP SEAL	185.00	650.00	265.60	366.87
43,326.00	CUIN	ELASTOMERIC BEARINGS	1.60	2.20	2.92	2.24
85.00	LF	SILICONE JOINT SEALANT	45.00	75.00	290.64	136.88
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	543.00	825.00	431.60	599.87
568.00	LF	DRILLED SHAFT (72' DIAM.)	1,100.00	1,800.00	1,577.32	1,492.44
208.00	LF	PERMANENT STEEL CASING (84' DIAM.)	500.00	650.00	600.29	583.43
262.00	CUYD	CONCRETE RIPRAP	550.00	535.00	422.13	502.38
20.00	EACH	CROSSHOLE SONIC LOGGING (72' DIAM.)	1,500.00	800.00	700.00	1,000.00
142.00	LF	CORING DRILLED SHAFT	165.00	165.00	60.00	130.00
TOTAL AMOUNT BID FOR JOB			\$10,103,427.00	\$11,381,939.00	\$11,648,024.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION	TOTAL AMOUNT BID FOR BRIDGE
07393	552.51	74.17	40,977.49	1A	NA	\$4,711,128.40
		A =	40,977.49			\$5,595,175.10
						\$5,876,994.84

1A: 1-380' AND 1-170' CONT. COMPOSITE PLATE GIRDER UNITS ON STEEL H-PILES W/ INT BENTS ON DRILLED SHAFTS

OUT TO OUT COST (\$/SF) = \$4,711,128.40/A = \$114.97
 LESS REMOVAL (\$/SF) \$0.00

FHWA COST (\$/SF) = \$4,567,028.40/A = \$111.45
 EXISTING BR. REMOVAL (\$/SF) = NA
 DEDUCT RIPRAP COSTS FROM FHWA COST.

NET COST (\$/SF) \$114.97

FUNCTION CLASS - 02 - PRIN. ATR. - RURAL
 ON NHS
 DESIGN SECTION - SWP

JOB 090406 LET 11/02/2016