

ANALYSIS OF BIDS
 JOB NO. 020043 - HWY. 144 STRS. & APPRS. (S)
 LETTING OF APRIL 21, 2015

QUANTITY	UNIT	ITEM	MANHATTAN ROAD & BRIDGE CO.	TANNER CONST. CO., INC.	MOBLEY CONTRS., INC.	AVG OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	17,500.00	51,500.00	23,057.25	30,685.75
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 2)	24,200.00	51,500.00	23,057.25	32,919.08
13.00	CUYD	UNCLASS. EXCAV.FOR STRS-BR	286.00	21.00	137.23	148.08
101.40	CUYD	CLASS S CONCRETE - BRIDGE	908.00	1,000.00	1,608.04	1,172.01
322.30	CUYD	CLASS S (AE) CONCRETE - BRIDGE	841.00	1,000.00	829.40	890.13
21.60	GAL	CLASS 1 PROTECT. SURF.TREATMENT	118.00	186.00	219.38	174.46
76,120.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.11	1.15	1.08	1.11
1,400.00	LB	EPOXY COAT.REINF.STEEL (GR 60)	1.85	1.15	2.02	1.67
1,160.00	LF	STEEL SHELL PILING (18" DIAMETER)	118.40	115.00	179.09	137.50
1,240.00	LF	STEEL SHELL PILING (24" DIAMETER)	167.50	160.00	199.88	175.79
206.00	LF	PILE ENCASEMENT	142.00	158.00	226.12	175.37
160.00	LF	PREBORING	120.00	89.00	169.03	126.01
118,230.00	LB	STR.ST.BM.SPANS (M270-GR50W)	2.64	3.87	2.11	2.87
2.00	EACH	BRIDGE NAME PLATE (TYPE D)	720.00	350.00	207.00	425.67
968.00	SQYD	FILTER BLANKET	3.65	2.15	2.85	2.88
539.00	CUYD	DUMPED RIPRAP	109.00	100.00	74.75	94.58
109.20	CUYD	APPROACH SLABS (TYPE SPECIAL 2)	499.00	555.00	568.71	540.90
34.00	CUYD	APPROACH GUTTERS (TYPE A)	528.00	555.00	542.47	541.82
11,320.00	LB	REINF.STEEL-RDWY (GR 60)	1.11	1.07	1.08	1.09
TOTAL AMOUNT BID FOR JOB			\$2,826,129.41	\$2,932,489.40	\$2,942,365.55	
TOTAL AMOUNT BID FOR BRIDGE			\$1,352,530.90	\$1,604,546.30	\$1,482,967.76	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07338	114.00	33.17	3,781.00	1A	* 1B
07339	141.00	33.17	4,676.50	2A	* 2B
		A =	8,457.50		

1A 113' - INTEGRAL W-BEAM UNIT (34' - 45' - 34') INT BENTS; 24" CONC FILLED STEEL SHELL PILES & END BENTS; 18" CONC FILLED STEEL SHELL PILES.
 2A 140' - INTEGRAL W-BEAM UNIT (42' - 56' - 42') INT BENTS; 24" CONC FILLED STEEL SHELL PILES & END BENTS; 18" CONC FILLED STEEL SHELL PILES.

1B #M2029 - 24' W X 97' L; CONSISTS OF FIVE SPANS WITH CONC DECK AND TIMBER STRINGERS SUPPORTED BY TIMBER CAPS AND PILES.

2B #M2030 - 23.9' W X 134 'L; CONSISTS OF SEVEN SPANS WITH CONC DECK AND TIMBER STRINGERS SUPPORTED BY TIMBER CAPS AND PILES. .

* OUT TO OUT COST (\$/SF) = \$1,352,530.90 /A = **\$159.92**
 LESS REMOVAL / TEMP BR/ SHORING (\$/SF) **\$4.93**
 NET COST (\$/SF) **\$154.99**

* FHWA COST (\$/SF) = \$1,248,546.70 /A= \$147.63
 EXISTING BR. REMOVAL (\$/SF) = \$7.54

DEDUCT REMVL, TEMP BR, RIPRAP, FLTR BLNKT, SHORING
 & TRANS APPR RAIL COSTS FROM FHWA COST.

* STR DEFICIENT BR

FUNCTION CLASS - 07 MAJOR COLLECTOR-RURAL
 OFF NHS
 DESIGN SECTION - SWP