

ANALYSIS OF BIDS
 JOB NO. 001992 - MARKED TREE-I-55 STRUCTURES REPLACEMENT (F)
 LETTING OF OCTOBER 14, 2009

QUANTITY	UNIT	ITEM	ROBERTSON CONTRACTORS, INC.	MANHATTAN ROAD & BRIDGE CO.	MOBLEY CONTRACTORS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	30,000.00	25,000.00	42,634.80	32,544.93
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 2)	30,000.00	25,000.00	34,409.70	29,803.23
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 3)	72,500.00	54,000.00	109,049.85	78,516.62
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 4)	112,500.00	76,000.00	110,342.70	99,614.23
1,572.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	10.00	48.00	54.03	37.34
2.00	EACH	COFFERDAMS	46,790.00	68,000.00	125,586.59	80,125.53
743.60	CUYD	CLASS S CONCRETE - BRIDGE	475.00	590.00	966.44	677.15
1,323.20	CUYD	CLASS S(AE) CONCRETE - BRIDGE	500.00	580.00	677.46	585.82
684.40	CUYD	SEAL CONCRETE - BRIDGE	250.00	200.00	187.30	212.43
97.00	GAL	CLASS 1 PROTECT.SURF.TREATMENT	60.00	46.00	89.00	65.00
117,930.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.94	0.90	1.03	0.96
328,290.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.90	0.90	0.96	0.92
3,958.00	LF	STEEL SHELL PILING (18")	92.00	93.00	146.93	110.64
5,742.00	LF	STEEL SHELL PILING (24")	122.00	141.00	165.70	142.90
282.00	LF	TEST PILE (18" DIAMETER)	145.00	170.00	208.69	174.56
1,920.00	LF	PREBORING	20.00	36.00	64.51	40.17
540.00	LF	PILE ENCASEMENT	100.00	165.00	230.83	165.28
707,120.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.32	1.57	1.36	1.42
48,730.00	CUIN	ELASTOMERIC BEARINGS	1.50	1.46	2.22	1.73
90.00	LF	ARM. JT W/NEOPRENE STRIP SEAL	180.00	130.00	143.97	151.32
88.00	LF	SILICONE JOINT SEALANT	80.00	55.00	99.42	78.14
4.00	EACH	BRIDGE NAME PLATE (TYPE D)	500.00	455.00	159.41	371.47
739.00	SQYD	FILTER BLANKET	5.00	3.00	7.02	5.01
406.00	CUYD	DUMPED RIPRAP	55.00	68.00	109.74	77.58
TOTAL AMOUNT BID FOR JOB			\$7,245,488.41	\$7,991,388.50	\$10,143,471.53	
TOTAL AMOUNT BID FOR BRIDGE			\$4,208,053.60	\$4,753,961.20	\$5,803,358.91	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
B6990	125.06	43.17	5,398.54	2A	2B
B7169	96.10	43.17	4,148.51	3A	3B
A7170	302.22	43.17	13,045.79	1A	1B
B7171	422.35	43.17	18,231.64	4A	4B
A =			40,824.48		

- 1A 124'- INTEGRAL W-BEAM UNIT (39'-46'-39') ON CONC FILLED STEEL SHELL PILE BENTS W/STEEL SHELL PILE END BENTS.
- 2A 95'- INTEGRAL W-BEAM UNIT (31'-33'-31') ON CONC FILLED STEEL SHELL PILE BENTS W/STEEL SHELL PILE END BENTS.
- 3A 300'- CONT COMP W-BEAM UNIT (54'-3 @64'-54') ON MULTI COL INT BENTS AND CONC FILLED STEEL SHELL PILE BENTS W/STEEL SHELL PILE END BENTS.
- 4A 420'- CONT COMP W-BEAM UNIT (45'-57'-3 @60'-54'-2 @42') ON CONC FILLED STEEL SHELL PILE BENTS W/STEEL SHELL PILE END BENTS.

- 1B #02005- 30.4'W X 92'L; CONSISTS OF THREE 30' RCDG SPANS SUPPORTED BY CONC TRESTLE PILE BENTS.
- 2B #02642- 31.8'W X 92'L; CONSISTS OF THREE 30' CONC DECK W/STEEL BEAM SPANS SUPPORTED BY CONC TRESTLE PILE BENTS.
- 3B #A2644- 31.9'W X 287'L; CONSISTS OF SEVEN CONC DECK W/ STEEL BEAM SPANS SUPPORTED BY CONC TRESTLE PILE BENTS.
- 4B #02645- 31.9'W X 407'L; CONSISTS OF THREE RC SLAB SPANS & TWELVE STEEL BEAM SPANS SUPPORTED BY TRESTLE PILE BENTS.

OUT TO OUT COST (\$/SF)=	\$4,208,053.60 /A = \$103.08	* FHWA COST (\$/SF)=	\$3,937,028.60 /A = \$96.44
LESS REMOVAL / TEMP. BR. (\$/SF)	= \$ 6.01	EXISTING BR. REMOVAL (\$/SF)	= 8.80
NET COST (\$/SF)	= \$ 97.07	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

FUNCTION CLASS - PRINCIPAL ARTERIAL - OTHER
 ON (02)

DESIGN SECTION - CRE