

ANALYSIS OF BIDS  
 JOB NO. 030387 - OZAN CREEK & RELIEF STRS. & APPRS. (S)  
 LETTING OF DECEMBER 14, 2011

QUANTITY	UNIT	ITEM	THOMCO, INC.	MANHATTAN ROAD & BRIDGE CO.	MARTIN MARIETTA MATERIALS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	22,000.00	23,500.00	27,500.00	24,333.33
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 2)	32,000.00	40,400.00	37,500.00	36,633.33
207.00	LF	TEMP.BR.STR.(24' RDWY.)	1,250.00	600.00	1,480.00	1,110.00
204.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	50.00	50.00	55.00	51.67
123.60	CUYD	CLASS S CONCRETE-BRIDGE	650.00	795.00	700.00	715.00
543.40	CUYD	CLASS S(AE) CONCRETE-BRIDGE	585.00	625.00	615.00	608.33
38.60	GAL	CLASS 1 PROTECT.SURF.TREATMENT	40.00	40.00	45.00	41.67
17,620.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.98	1.20	1.10	1.09
119,540.00	LB	EPOXY COAT.REINF.STEEL-GR 60	1.10	1.10	1.20	1.13
544.00	LF	CONC.PILING (16" SQUARE)	88.00	84.00	100.00	90.67
737.00	LF	CONC.PILING (18" SQUARE)	91.00	84.00	105.00	93.33
71.00	LF	TEST PILE (16" SQUARE)	185.00	200.00	200.00	195.00
77.00	LF	TEST PILE (18" SQUARE)	200.00	200.00	215.00	205.00
686.00	LF	PREBORING	40.00	40.00	45.00	41.67
279,620.00	LB	STR.ST.BM.SPANS(M270-GR50W)	1.39	2.50	1.50	1.80
6,570.00	CUIN	ELASTOMERIC BEARINGS	3.50	3.25	4.00	3.58
2.00	EACH	BRIDGE NAME PLATE (TYPE D)	300.00	535.00	355.00	396.67
1,399.00	SQYD	FILTER BLANKET	4.00	3.00	4.00	3.67
760.00	CUYD	DUMPED RIPRAP	60.00	81.00	75.00	72.00
155.20	CUYD	APPR SLABS (TYPE SPCEIAL 1)	440.00	360.00	543.00	447.67
54.00	CUYD	APPR GUTTERS (TYPE B)	440.00	420.00	520.00	460.00
21,760.00	LB	REINF STEEL-RDWY (GR 60)	.98	1.20	1.10	1.09
TOTAL AMOUNT BID FOR JOB			\$3,364,640.29	\$3,705,353.32	\$3,981,704.00	
TOTAL AMOUNT BID FOR BRIDGE			\$1,619,234.20	\$1,846,906.50	\$1,806,573.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07214	181.00	43.17	7,813.18	1A	* 1B
07215	181.00	43.17	7,813.18	2A	2B
A =			15,626.36		

1A 180'- CONT COMP INTERGRAL W-BEAM UNIT (55'-70'-55') ON CONC TRESTLE PILE BENTS.  
2A 180'- CONT COMP INTERGRAL W-BEAM UNIT (55'-70'-55') ON CONC TRESTLE PILE BENTS.

1B #03221- 25.1' W X 114' L; CONSISTS OF SIX 19' PRECAST CONC SPANS SUPPORTED BY STEEL PILE BENTS.  
2B #03026- 26.5' w X 112' L; CONSISTS OF FOUR 28' CONC SLAB SPANS SUPPORTED BY CONC BENTS W/SPREAD FOOTINGS.

OUT TO OUT COST (\$/SF)= \$1,619,234.20 /A = \$103.62  
LESS REMOVAL / TEMP. BR. (\$/SF) = \$20.02  
NET COST (\$/SF) = \$83.60

FHWA COST (\$/SF)= \$1,225,288.20 /A = \$80.33  
EXISTING BR. REMOVAL (\$/SF) = \$9.27

\* OUT TO OUT COST (\$/SF)= \$783,110.10 /A = \$100.23  
LESS REMOVAL / TEMP. BR. (\$/SF) = \$18.01  
NET COST (\$/SF) = \$82.22

\* FHWA COST (\$/SF) = \$618,184.10 /A = \$79.12  
DEDUCT REMOVAL, TEMP. BR., RIPRAP, FLTR BLNKT, SHORING,  
& TRANS APPR RAIL COSTS FROM FHWA COST.

\* STR DEFICIENT BR

FUNCTION CLASS - 07 MAJOR COLLECTOR

OFF NHS  
DESIGN SECTION - CSL