

ANALYSIS OF BIDS
 JOB NO. 030152 - HOPE-EMMET STRS. & APPRS. (S)
 LETTING OF MARCH 10, 2010

QUANTITY	UNIT	ITEM	MANHATTAN ROAD & BRIDGE CO.	AUSTIN BRIDGE & ROAD , LP	MARTIN MARIETTA MATERIALS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	110,000.00	45,000.00	197,100.00	117,366.67
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 2)	30,000.00	20,000.00	87,200.00	45,733.33
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 4)	85,000.00	75,000.00	387,600.00	182,533.33
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 5)	30,000.00	19,000.00	87,200.00	45,400.00
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 6)	28,000.00	25,000.00	74,800.00	42,600.00
279.00	LF	TEMP.BR.STR.(24' RDWY.)	1,000.00	1,371.70	1,100.00	1,157.23
312.00	LF	7' STEEL CHAIN LINK FENCE	45.00	53.33	50.00	49.44
342.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	100.00	29.57	55.50	61.69
601.60	CUYD	CLASS S CONCRETE - BRIDGE	650.00	500.00	720.00	623.33
1,008.40	CUYD	CLASS S(AE) CONCRETE - BRIDGE	550.00	500.00	780.00	610.00
83.70	GAL	CLASS 1 PROTECT.SURF.TREATMENT	50.00	57.41	83.00	63.47
74,700.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.00	0.90	1.10	1.00
235,000.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.85	0.89	1.35	1.03
3,470.00	LF	CONC.PILING (18" SQUARE)	61.00	95.99	72.00	76.33
500.00	LF	CONC.PILING (24" SQUARE)	112.00	157.69	155.00	141.56
380.00	LF	TEST PILE (18" SQUARE)	155.00	165.00	222.00	180.67
120.00	LF	TEST PILE (24" SQUARE)	175.00	220.00	277.00	224.00
300.00	LF	PREBORING	31.00	32.59	40.00	34.53
817,130.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.54	1.40	1.85	1.60
50,318.00	CUIN	ELASTOMERIC BEARINGS	1.80	1.72	1.85	1.79
452.00	LF	PREFORMED JOINT SEAL	45.00	29.73	111.00	61.91
5.00	EACH	BRIDGE NAME PLATE (TYPE D)	410.00	1,303.57	1,100.00	937.86
1,605.00	SQYD	FILTER BLANKET	4.00	18.55	2.60	8.38
918.00	CUYD	DUMPED RIPRAP	65.00	87.54	58.50	70.35
125.00	CUYD	CONCRETE RIPRAP	425.00	398.46	700.00	507.82
TOTAL AMOUNT BID FOR JOB			\$9,458,819.48	\$9,520,057.33	\$10,894,460.25	
TOTAL AMOUNT BID FOR BRIDGE			\$3,681,962.60	\$3,600,875.46	\$5,064,218.90	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07136	222.56	43.17	9,607.29	1A	1B
07137	93.14	43.17	4,020.35	2A	2B
07138	242.45	43.17	10,465.68	3A	3B
07139	140.14	43.17	6,049.18	4A	4B
07140	84.14	43.17	3,631.85	5A	5B
A =			33,774.35		

BRN-0029(27)

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1A 220'- CONT COMP W-BEAM UNIT (61'-98'-61') ON TWO COL INT BENTS ON CONC FOUNDATION PILES & CONC PILE STUB END BENTS.
2A 91'- SIMPLE COMP W-BEAM SPAN ON CONC PILE STUB END BENTS.
3A 240'- CONT COMP W-BEAM UNIT (75'-90'-75') ON CONC TRESTLE PILE BENTS.
4A 138'- CONT COMP W-BEAM UNIT (44'-50'-44') ON CONC TRESTLE PILE BENTS.
5A 82'- SIMPLE COMP W-BEAM SPAN ON CONC PILE STUB END BENTS.

1B #01612- 27.1'W X 178'L; CONSISTS OF REINFORCED CONC DECK GIRDER SPANS SUPPORTED BY CONC BENTS AND ABUTMENTS.
2B #01628- 27.1'W X 105'L; CONSISTS OF CONC DECK GIRDER SPANS SUPPORTED BY CONC WALL BENTS AND ABUTMENTS ON TIMBER PILES.
3B #01630- 26'W X 302'L; CONSISTS OF CONC DECK GIRDER SPANS & LOW TRUSS SPAN SUPPORTED BY CONC WALL BENTS & ABUTMENTS ON TIMBER PILES.
4B #01646- 27'W X 105'L; CONSISTS OF CONC DECK GIRDER SPANS SUPPORTED BY CONC WALL BENTS AND ABUTMENTS ON TIMBER PILES.
5B #01632- 27.1'W X 90'L; CONSISTS OF CONC DECK GIRDER SPANS SUPPORTED BY CONC WALL BENTS AND ABUTMENTS ON TIMBER PILES.

OUT TO OUT COST (\$/SF)= \$3,681,962.60 /A = \$109.02
LESS REMOVAL / TEMP. BR. (\$/SF) = \$ 16.64

NET COST (\$/SF) = \$ 92.38

* FHWA COST (\$/SF)= \$3,000,747.60 /A = \$88.85
EXISTING BR. REMOVAL (\$/SF) = \$13.61

* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNCTION CLASS - MAJOR COLLECTOR
ON (07)

DESIGN SECTION - AMS