

QUANTITY	UNIT	ITEM	KIEWIT INFRASTRUCTURE SOUTH CO.	MANHATTAN ROAD & BRIDGE CO.	EMERY SAPP & SONS INC.	AVG OF LOW BIDS
1.00	LS	REMOVAL OF EXISTING BR. STR. (SITE 6)	54,000.00	2,000,000.00	275,000.00	776,333.33
1.00	LS	REMOVAL OF EXISTING BR. STR. (SITE 5)	54,000.00	2,000,000.00	275,000.00	776,333.33
1,539.00	CUYD	UNCLASS. EXCAV. FOR STRS.-BR	102.85	75.00	70.00	82.62
167.00	CUYD	ROCK EXCAVATION FOR STRS.-BR.	100.00	350.00	130.00	193.33
2,158.70	CUYD	CLASS S CONCRETE - BRIDGE	790.00	1,500.00	800.00	1,030.00
3,125.00	CUYD	CLASS S (AE) CONCRETE - BRIDGE	810.00	600.00	892.00	767.33
11,054.20	SQYD	CLASS 2 PROTECT. SURF TREATMENT	1.00	5.00	5.00	3.67
468,630.00	LB	REINF. STEEL-BRIDGE (GR 60)	1.25	1.15	1.00	1.13
704,330.00	LB	EPOXY COATED REINF. STEEL (GR. 60)	1.40	1.10	1.15	1.22
5,115.00	LF	STEEL PILING (HP 12X53)	105.00	75.00	71.00	83.67
2,129.00	LF	STEEL PILING (HP 14X73)	105.00	80.00	75.00	86.67
568.00	LF	PREBORING	220.00	300.00	210.00	243.33
637.00	LF	METAL BRIDGE RAILING (TYPE H2)	63.00	90.00	90.00	81.00
4.00	EACH	TRANSITIONAL APPROACH RAILING	4,032.19	7,000.00	5,000.00	5,344.06
4,019,920.00	LB	STR. STEEL IN PLATE GRDR SPANS (M270 GR. 50W)	1.77	2.38	1.80	1.98
257,340.00	LB	STR. STEEL IN BEAM SPANS (M270 GR. 50W)	1.90	3.00	2.15	2.35
98,660.00	CUIN	ELASTOMERIC BEARINGS	2.40	2.00	2.25	2.22
92.00	LF	ARMORED JOINT WITH NEOPRENE STRIP SEAL	800.00	225.00	525.00	516.67
852.00	LF	SILICONE JOINT SEALANT	20.00	50.00	90.00	53.33
6.00	EACH	BRIDGE NAME PLATE (TYPE D)	500.00	500.00	1,000.00	666.67
645.00	CUYD	CONCRETE RIPRAP	729.73	700.00	810.00	746.58
208.00	TON	CLEANING AND PAINTING OF STR. STEEL (TYPE 11)	2,500.00	2,466.12	2,450.00	2,472.04
1.00	LS	DISPOSAL OF HAZARDOUS WASTE (SITE 1)	6,828.68	6,662.33	6,600.00	6,697.00
1.00	LS	MOD. OF EXIST. BR. STR. 05692	88,000.00	1,500,000.00	250,000.00	612,666.67
1.00	LS	SHORING SITE 1)	102,000.00	1,500,000.00	125,000.00	575,666.67
1.00	LS	SHORING SITE 5)	102,000.00	2,000,000.00	235,000.00	779,000.00
1.00	LS	SHORING SITE 6)	102,000.00	2,000,000.00	235,000.00	779,000.00
10,771.00	SQYD	TEXTURED COATING FINISH	5.00	13.00	12.00	10.00
9,118.00	SOFT	ARCHITECTURAL FINISH	15.00	20.00	12.00	15.67

TOTAL AMOUNT BID FOR JOB \$181,224,907.70 \$215,222,836.67 \$217,112,840.75  
 TOTAL AMOUNT BID FOR BRIDGE \$16,561,110.54 \$26,362,106.39 \$16,961,650.50

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
05692	305.48	41.67	12,728.31	1A	WIDENING
07379	539.06	34.00	18,328.13	2A	NA
A7380	366.83	61.00	22,376.51	3A	NA
B7380	308.69	61.00	18,829.94	4A	NA
A7381	120.45	85.00	10,238.07	5A	5B
B7381	120.45	73.00	8,792.70	6A	6B
		A =	78,565.34		

TOTAL AREA = 91,293.65

ANALYSIS OF BIDS  
 JOB NO. BB0414 PORTER RD.-HWY. 11271B (WIDENING AND INCHNG IMPV'TS) (S)  
 LETTING OF AUGUST 10, 2016

1A: WIDENING OF 303'-0" CONT. COMP. W-BEAM UNIT ON PILES AND SPREAD FOOTINGS.  
 2A: 536'-0" CONT. COMP. PLATE GIRDER UNIT ON PILES AND SPREAD FOOTINGS.  
 3A: 364'-0" CONT. COMP. PLATE GIRDER UNIT ON PILES AND SPREAD FOOTINGS.  
 4A: 306'-0" CONT. COMP. PLATE GIRDER UNIT ON PILES AND SPREAD FOOTINGS.  
 5A & 6A: 118'-0" COMP. PLATER GIRDER SPAN ON PILES AND SPREAD FOOTINGS.

5B & 6B: 42.83 W AND 166.42 L CONT. STEEL BEAM UNIT ON STEEL PILES AND SPREAD FOOTINGS.

OUT TO OUT COST (\$/SF) = \$16,561,110.54/A = \$181.40  
 LESS REMOVAL/SHORING (\$/SF) \$4.53

NET COST (\$/SF) \$176.87

FHWA COST (\$/SF) = \$15,768,305.93/A = \$172.72  
 EXISTING BR. REMOVAL (\$/SF) = \$15.15

DEDUCT RIPRAP, SHORING & TRANS. APPR. RAIL.  
 COSTS FROM FHWA COST.

FUNCTION CLASS - 16 - MINOR ART. - URBAN  
 OFF NHS  
 DESIGN SECTION - SWP