

NHPP-0066 (28)

ANALYSIS OF BIDS  
 JOB NO. 030428 BURKE CREEK & COSSATOT RELIEF STRS. & APPRS. (S)  
 LETTING OF SEPTEMBER 21, 2016

QUANTITY	UNIT	ITEM	JAMES CONSTR. GROUP, LLC	KIEWIT INFRASTR. SOUTH, CO.	MANHATTAN ROAD & BRIDGE CO.	AVG OF LOW BIDS
1.00	LS	REMOV. OF EXIST. BR. STR. (SITE 1)	150,000.00	100,000.00	60,400.00	103,466.67
1.00	LS	REMOV. OF EXIST. BR. STR. (SITE 2)	125,000.00	75,000.00	38,900.00	79,633.33
65.00	CUYD	UNCLASS. EXCAV. FOR STRS.-BR	90.00	150.00	1,585.00	608.33
284.20	CUYD	CLASS S CONCRETE - BRIDGE	1,500.00	1,350.00	1,338.00	1,396.00
400.00	CUYD	CLASS S(A/E) CONCRETE - BRIDGE	1,050.00	1,500.00	1,140.00	1,230.00
35.50	GAL	CLASS 1 PROTECT. SURE.TREATMENT	85.00	206.66	182.00	157.89
34,850.00	LB	REINF. STEEL-BRIDGE (GR. 60)	2.00	1.50	2.15	1.88
94,730.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.00	2.00	2.00	1.67
600.00	LF	STEEL PILING (HP 12X53)	140.00	358.41	125.00	207.80
399,070.00	LB	STR. STL IN BEAM SPANS. (M270, GR. 50W)	2.10	2.92	4.04	3.02
12,870.00	CUIN	ELASTOMERIC BEARINGS	1.80	2.65	4.04	2.83
162.00	LF	SILICONE JOINT SEALANT	120.00	33.62	75.00	76.21
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	500.00	1,000.00	603.00	701.00
990.00	SQYD	FILTER BLANKET	8.00	5.17	10.00	7.72
537.00	CUYD	DUMPED RIPRAP	140.00	120.12	150.00	136.71
240.00	LF	DRILLED SHAFT (48" DIA.)	1,000.00	3,106.61	1,751.00	1,952.54
120.00	LF	PERMANENT STEEL CASING (48" DIA.)	202.00	898.98	535.00	545.33
8.00	EACH	CROSSHOLE SONIC LOGGING (48" DIA.)	550.00	5,808.79	2,536.00	2,964.93
60.00	LF	CORING DRILLED SHAFT	100.00	371.60	200.00	223.87
TOTAL AMOUNT BID FOR JOB			\$9,477,047.00	\$10,712,946.00	\$11,425,492.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION	TOTAL AMOUNT BID FOR BRIDGE
07364	192.22	78.20	15,031.51	1A	1B	\$2,187,850.50
		A =	15,031.51			
02032	104.00	27.60	2,870.40		*2B	\$2,805,996.51
		A =	2,870.40			
TOTAL AREA:			17,901.91			\$3,086,213.70

1A: 190' CONT. COMP. W-BEAM UNIT ON DRILLED SHAFTS AND STEEL PILES  
 1B: 27' 5" W & 162' L STEEL BEAM SPANS ON CONC. PILE BENTS

\*2B: 27' 6" W & 104' L STEEL BEAM SPANS AND CONC. DECK ON CONC. PILE BENTS

OUT TO OUT COST (\$/SF) = \$2,062,850.50/A = \$137.24  
 LESS REMOVAL (\$/SF) = \$33.67  
 NET COST (\$/SF) = \$103.57  
 FHWA COST (\$/SF) = \$1,829,750.50/A = \$121.73  
 EXISTING BR. REMOVAL (\$/SF) = \$37.54  
 DEDUCT REMVL, RIPRAP, AND FLTR BLNKT  
 COSTS FROM FHWA COST.  
 FUNCTION CLASS - 02 - PRINCIPAL ART. - OTHER - RURAL  
 OFF NHS  
 DESIGN SECTION - SWP