

ANALYSIS OF BIDS
 JOB NO.030497 MILL & BODCAU CREEKS STRS. & APPRS. (S)
 LETTING OF SEPTEMBER 16, 2020

QUANTITY	UNIT	ITEM	MANHATTAN RD & BRIDGE, CO.	JB JAMES CONSTR. LLC	AVG OF LOW BIDS
1.00	LS	REMOVAL OF EXIST BR. STR. (02549)	27000.00	50000.00	38,500.00
1.00	LS	REMOVAL OF EXIST BR. STR. (02022)	57000.00	110000.00	83,500.00
236.00	CUYD	UNCLASS. EXC. FOR EXIST. STRS. BR.	75.00	56.00	65.50
593.30	CUYD	CLASS S CONCRETE BR.	1350.00	1300.00	1,325.00
1425.10	CUYD	CLASS S (AE) CONCRETE BR.	700.00	1250.00	975.00
1254.00	LF	PREST. CONC. GIRDERS (TYPE II)	290.00	300.00	295.00
3168.00	LF	PREST. CONC. GIRDERS (TYPE III)	300.00	260.00	280.00
92.70	GAL	CLASS 1 PROT. SURF. TREATMENT	370.00	260.00	315.00
61240.00	LB	REINF. STEEL BR. (GRADE 60)	1.40	1.70	1.55
303990.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.50	1.20	1.35
1215.00	LF	STEEL PILING (HP 12X53)	60.00	120.00	90.00
1287.00	LF	STEEL PILING (HP 14X73)	70.00	140.00	105.00
1116.00	LF	STEEL SHELL PILING (20" DIAM)	175.00	350.00	262.50
3600.00	LF	STEEL SHELL PILING (30" DIAM)	225.00	400.00	312.50
972.00	LF	PILE ENCASEMENT	150.00	300.00	225.00
360.00	LF	PREBORING	350.00	120.00	235.00
5380.00	LB	STR. STEEL IN BEAM SP. (ASTM, A709, GR. 50W)	5.00	6.00	5.50
56073.00	CUIN	ELASTOMERIC BEARINGS	2.00	2.00	2.00
82.00	LF	ARMORED JOINT WITH NEOPRENE STRIP SEAL	175.00	330.00	252.50
2.00	EA	BR. NAME PLATE	765.00	4000.00	2,382.50
1988.00	SQYD	FILTER BLANKET	6.00	4.00	5.00
1085.00	CUYD	DUMPED RIPRAP	115.00	131.00	123.00
112.86	CUYD	APPROACH GUTTERS	700.00	600.00	650.00
628.54	CUYD	APPROACH SLABS	590.00	450.00	520.00
78381.00	LB	REINF. STEEL ROADWAY (GRADE 60) (APPR.)	1.40	1.70	1.55
1.00	LS	SHORING (SITE 1)	20000.00	130000.00	75,000.00
1.00	LS	SHORING (SITE 2)	20000.00	160000.00	90,000.00

TOTAL AMOUNT BID FOR JOB \$9,999,976.00 \$12,254,741.00 \$0.00
 TOTAL AMOUNT BID FOR BRIDGE **\$6,121,598.00** **\$8,013,518.70** **\$0.00**

BRIDGE ID	LENGTH	WIDTH	AREA (SQFT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07483	142.67	77.50	11,056.67	1A	1B
07484	360.33	77.50	27,925.83	2A	2B
		A =	38,982.50		

1A: 77.5' W AND 142.67' L INT. PRESTRESSED CONC. GIRDER UNIT ON STEEL SHELL PILINGS.
 2A: 77.5' W AND 360.33' L INT. PRESTRESSED CONC. GIRDER UNIT ON STEEL SHELL PILINGS.

1B: 32.3' W AND 122.5' L CONC. SLAB ON I-BEAM SPANS AND CONC. PILE BENTS.
 2B: 32.2' W AND 362' L CONC. SLAB ON I-BEAM SPANS AND CONC. PILE BENTS.

EXIST BRIDGE 1B AREA: 3956.75 SQ. FT.
 EXIST BRIDGE 1B AREA: 11656.4 SQ. FT.

OUT TO OUT COST (\$/SF) = \$5,974,152.20/A = **\$157.03**

FHWA COST (\$/SF) = \$5,860,895.00 /A = \$150.35
 EXISTING BR. REMOVAL (\$/SF) = \$84,000.00 /A = \$5.38

NET COST (\$/SF) (LESS REMOVAL OF EXIST BR.) **\$154.88**

DEDUCT REMOVAL, RIPRAP, FILTER BLANKET, & SHORING COSTS FROM FHWA COST.

JOB 030497 LET 9/16/2020

OFF NHS
DESIGN SECTION - LJB