STPB - 0004 (78)

ANALYSIS OF BIDS
JOB NO. BR0406 OSAGE CREEK STR. & APPRS. NO. 2 (S)
LETTING OF AUGUST 5, 2020

QUANTITY	UNIT	ITEM	CROSSLAND HEAVY CONTR., INC.	MANHATTAN ROAD & BRIDGE CO.	WEST PLAINS BR. & GRADING, LLC	AVG OF LOW BIDS
1.00	LS	REMOVAL OF EXIST. BR. STR.	95600.00	235000.00	194000.00	174866.67
886.00	CUYD	UNCLASSIFIED EXC. STRS. BR.	87.00	25.00	120.00	77.33
507.40	CUYD	CLASS S CONCRETE-BRIDGE	694.00	850.00	720.00	754.67
570.60	CUYD	CLASS S(AE) CONCRETE-BRIDGE	637.00	550.00	785.00	657.33
1990.00	LF	PRESTRESSED CONC. GIRDERS (TYPE IV)	240.00	273.00	250.00	254.33
1984.10	SQYD	CLASS 2 PROTECT.SURF.TREATMENT	4.30	5.75	3.75	4.60
72330.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.00	1.15	1.20	1.12
127310.00	LB	EPOXY COAT.REINF.STEEL-GR 60	1.00	1.20	1.05	1.08
477.00	LF	STEEL PILING (HP 14 X 73)	69.00	76.00	77.00	74.00
8970.00	LB	STR.ST.BM.SPANS (A709-GR50W)	5.50	5.50	5.45	5.48
30030.00	CUIN	ELASTOMERIC BEARINGS	1.70	1.50	1.70	1.63
63.00	LF	SILICONE JOINT SEAL.	170.00	50.00	76.00	98.67
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	500.00	474.94	1000.00	658.31
1255.00	SQYD	FILTER BLANKET	6.50	3.00	3.90	4.47
670.00	CUYD	DUMPED RIPRAP	71.00	60.00	69.50	66.83
		TOTAL AMOUNT BID FOR JOB	$2,333,297.00	$2,696,227.00	$3,030,000.00	
		TOTAL AMOUNT BID FOR BRIDGE	**$1,774,297.93**	**$1,971,122.02**	**$2,032,894.88**	

BRIDGE ID	LENGTH	WIDTH	AREA (SQFT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04943	502.21	31.17	**15,652.18**	1A	1B
		A =	**15,652.18**		

1A: 500' PRESTRESSED CONC. GIRDER UNIT ON STEEL PILING END BENTS AND CONCRETE HAMMERHEAD INTERMEDIATE BENTS ON SPREAD FOOTINGS

1B: 452' L AND 25'.5" W NINE 50' I-BEAM SPANS SUPPORTED BY CONC. WALL BENTS AND ABUTMENTS ON SPREAD FOOTINGS

OUT TO OUT COST ($/SF) = $1,774,297.93/A = **$113.36**
LESS REMVL OF EXIST BR. ($/SF) **$6.11**

NET COST ($/SF) **$107.25**

FHWA COST ($/SF) = $1,622,970.93/A= $103.69
EXISTING BR. REMOVAL ($/SF) = $8.29

DEDUCT REMOVAL OF EXIST. BR., RIPRAP & FILTER BLANKET COSTS FROM FHWA COST.

FUNCTION CLASS 09 - RURAL - LOCAL
OFF NHS
DESIGN SECTION - JYP

JOB BR0406 LET 8/5/2020