

ANALYSIS OF BIDS
 JOB NO. 030458 LITTLE MISSOURI RIVER & RELIEF STRS. & APPRS. (S)
 LETTING OF MAY 13, 2020

QUANTITY	UNIT	ITEM	MANHATTAN ROAD & BR.	JB JAMES CONSTR.	WL BASS CONSTR.	AVG OF
			CO.	LLC	, INC.	LOW BIDS
1.00	LS	REMV.EXIST.BR.STR.(SITE 2)	100000.00	145000.00	160000.00	135,000.00
360.00	LF	JOINT REHAB (TYPE A)	30.00	50.00	40.00	40.00
8.00	CUYD	UNCLAS. EVAC. FOR STRS BR.	200.00	120.00	40.00	120.00
290.90	CUYD	CLASS S CONCRETE-BRIDGE	800.00	1100.00	1400.00	1,100.00
645.70	CUYD	CLASS S (AE) CONCRETE-BRIDGE	700.00	1000.00	1620.00	1,106.67
5.00	EACH	PRECAST CONC. BENT CAPS	75000.00	80000.00	80000.00	78,333.33
11.50	SQYD	CLASS 1 PROT. SURF. TREAT.	875.00	400.00	185.00	486.67
161180.00	LB	EPOXY COAT. REINF. STEEL (GR. 60)	1.50	1.50	1.50	1.50
57630.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.50	1.30	1.30	1.37
1237.00	LF	STEEL PILING (HP 14X73)	80.00	160.00	78.00	106.00
743370.00	LB	STR. STEEL IN PL. GIRDER. SP. (A709 GR. 50W)	2.00	2.00	2.15	2.05
9020.00	LB	STR. STEEL IN BM. SP. (A709 GR. 50W)	4.00	4.50	2.25	3.58
37.50	TON	PAINTING STR. STEEL	1250.00	3000.00	4000.00	2,750.00
24902.00	CUIN	ELASTOMERIC BEARINGS	2.25	2.50	2.10	2.28
215.00	LF	SILICONE JOINT SEAL.	35.00	30.00	42.00	35.67
84.00	LF	ARMORED JT. W/NEOPRENE STRIP SEAL.	155.00	500.00	900.00	518.33
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	450.17	2000.00	1000.00	1,150.06
1502.00	SQYD	FILTER BLANKET	5.50	4.00	8.00	5.83
890.00	CUYD	DUMPED RIPRAP	90.00	100.00	110.00	100.00
1.00	LS	MOD. OF EXIST. BR. STR. (06347)	101051.00	110000.00	280000.00	163,683.67
60.00	SQFT	SPALL REPAIR	200.00	900.00	345.00	481.67
59.00	SQFT	SURF. PATCHING	90.00	800.00	305.00	398.33
8.00	EACH	8' - 10" EXT. PREFAB MODULE	60000.00	60000.00	59000.00	59,666.67
8.00	EACH	8' - 10" INT. PREFAB MODULE	45000.00	50000.00	44000.00	46,333.33
4.00	EACH	7' - 10" INT. PREFAB MODULE	40000.00	50000.00	50000.00	46,666.67
4.00	EACH	8' - 10" EXT. PREFAB MODULE W/TURNDOWN	50000.00	70000.00	67000.00	62,333.33
4.00	EACH	8' - 10" INT. PREFAB MODULE W/TURNDOWN	50000.00	60000.00	52000.00	54,000.00
2.00	EACH	7' - 10" INT. PREFAB MODULE W/TURNDOWN	45000.00	55000.00	51000.00	50,333.33
402.00	LF	DRILLED SHAFT (84" DIAM)	2600.00	2450.00	1720.00	2,256.67
174.00	LF	PERM STEEL CASING (90" DIAM)	725.00	1500.00	750.00	991.67
6.00	EACH	CSL (84" DIAM)	3500.00	3000.00	16000.00	7,500.00
6.00	EACH	THERMAL INT. PROFILING (84" DIAM)	6000.00	5000.00	5000.00	5,333.33
201.00	LF	CORING DRILLED SHAFT	200.00	150.00	207.00	185.67
4112.00	SQYD	POLYMER OVLY	34.00	32.50	62.00	42.83
550.00	SQFT	BR. DECK REPAIR FOR POLY/OVLY	10.50	9.00	60.00	26.50

TOTAL AMOUNT BID FOR JOB \$13,277,336.00 \$13,543,104.00 \$14,649,199.00

TOTAL AMOUNT BID FOR BRIDGE \$6,366,922.17 \$7,280,242.00 \$7,657,883.20

BRIDGE ID	LENGTH	WIDTH	AREA (SQFT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06347	150.00	43.17	<u>6,475.50</u>		1
07479	502.17	42.50	<u>21,342.23</u>	2A	
03095	502.00	28.50	<u>14,307.00</u>		2B
		A =	<u>42,124.73</u>		

1: 425.0' REINFORCED CONCRETE DECK GIRDER SPANS ON CONCRETE PILE BENTS (only 150.0' is being repaired)

2A: 502.2' CONT. PL. GIRDER UNIT ON DRILLED SHAFTS AND STEEL PILES

2B: 502.0' W I-BEAM SPANS CONC. DECK ON R.C. BENTS AND PIERS

BRIDGE PROJECT CONSTRUCTION COST (\$/SF) = \$6,366,922.17/A = **\$228.88**
LESS REMVL OF EXIST BR. & BR. DECK REPAIR. (\$/SF) = **\$3.80**

NET BRIDGE PROJECT CONSTRUCTION COST (\$/SF) = **\$225.08**
NET 06347 BRIDGE REPAIR COST (\$/SF) = **\$329.95**
NET 07479 BRIDGE CONSTRUCTION COST (\$/SF) = **\$193.26**

FHWA COST (\$/SF) = \$4,036,214.17/A= \$ 189.12 \$189.12 (New Bridge 07479)
EXISTING BR. REMOVAL (\$/SF) = \$6.99

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

FUNCTION CLASS 06 - RURAL - MIN. ART.
OFF NHS
DESIGN SECTION - KWY