

ANALYSIS OF BIDS  
 JOB NO. 100870 HWY. 34 STRS. & APPRS. (S)  
 LETTING OF SEPTEMBER 12, 2018

QUANTITY	UNIT	ITEM	WEST PLAINS BR. & GRADING, LLC	ROBERTSON CONTR. INC.	AVG OF LOW BIDS
1.00	LS	REM. OF EXIST. BR. STR. (SITE 1)	22,000.00	70,000.00	46,000.00
1.00	LS	REM. OF EXIST. BR. STR. (SITE 2)	32,000.00	85,000.00	58,500.00
1.00	LS	REM. OF EXIST. BR. STR. (SITE 3)	13,000.00	40,000.00	26,500.00
248.00	LF	TEMP. STR. - BR. (24' RDWY WIDTH)	3,350.00	3,730.00	3,540.00
124.00	CUYD	UNCLASSIFIED EXCAVATION FOR STRS. - BR.	105.00	105.00	105.00
113.60	CUYD	CLASS S CONCRETE - BRIDGE	990.00	1,550.00	1,270.00
427.80	CUYD	CLASS S (AE) CONCRETE - BRIDGE	1,040.00	1,150.00	1,095.00
28.50	GAL	CLASS 1 PROTECT. SURF. TREATMENT	220.00	100.00	160.00
89,900.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.00	1.45	1.23
11,270.00	LB	REINF STEEL BR. (GR. 60)	1.75	2.20	1.98
33,680.00	LB	REINF STEEL RDWY. (GR. 60)	1.30	1.10	1.20
550.00	LF	STEEL SHELL PILING (16' DIAM.)	210.00	160.00	185.00
500.00	LF	STEEL SHELL PILING (18' DIAM.)	235.00	175.00	205.00
550.00	LF	STEEL SHELL PILING (20' DIAM.)	250.00	200.00	225.00
600.00	LF	STEEL SHELL PILING (24' DIAM.)	305.00	230.00	267.50
200.00	LF	PREBORING	100.00	80.00	90.00
205.00	LF	PILE ENCASMENT	280.00	305.00	292.50
222,410.00	LB	STR. STEEL IN BEAM SPANS (M270. GR. 50W)	2.03	2.55	2.29
5,257.00	CUIN	ELASTOMERIC BEARINGS	3.00	3.00	3.00
2.00	EACH	BRIDGE NAME PLATE (TYPE D)	600.00	1,500.00	1,050.00
66.40	CUYD	APPR. GUTTER (TYPE A)	635.00	650.00	642.50
246.00	CUYD	APPR. SLABS	395.00	450.00	422.50
326.00	SQYD	FILTER BLANKET	6.30	5.00	5.65
186.00	CUYD	DUMPED RIPRAP	63.00	75.00	69.00
TOTAL AMOUNT BID FOR JOB			\$5,338,000.00	\$6,160,578.00	
TOTAL AMOUNT BID FOR BRIDGE			\$2,880,341.60	\$3,253,538.50	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07419	141.00	33.17	4,676.50	1A	1B
07420	196.10	33.17	6,504.13	2A	2B & 2C
		A =	11,180.63		

1A: 140' CONT. COMP. INTERGAL W-BEAM UNIT CONC. FILLED STEEL SHELL PILES, END AND INT. BENTS.  
 1B: 29.8' W AND 132' L 5 SPAN CONC. DECK ON TIMBER BENTS AND PILES

2A: M3220 - 195' CONT. COMP. INTERGAL W-BEAM UNIT CONC. FILLED STEEL SHELL PILES, END AND INT. BENTS.

2B: M3818 - 25.3' W X 169.0' L 4 SPAN CONC AND STEEL TRUSS DECK ON TIMBER PILES.

2C: M3222 - 29.5' W X 58.0' L

**\*\*BRS. 2B & 2C ARE IN POOR OR WORSE CONDITION\*\***

OUT TO OUT COST (\$/SF) = \$2,880,341.60/A =	\$257.62	FHWA COST (\$/SF) = \$1,968,769.80/A = \$176.09
LESS REMOVAL & TEMP. STR. BR. (\$/SF)	\$177.32	EXISTING BR. REMOVAL (\$/SF) = \$6.75
NET COST (\$/SF)	\$80.30	DEDUCT REMVL, TEMP BR. STR., RIPRAP, AND FLTR BLNKT COSTS FROM FHWA COST.

FUNCTION CLASS - 07 - RURAL - MAJOR COLL.  
 OFF NHS

DESIGN SECTION - TMG