STPC - 906 (16)

ANALYSIS OF BIDS
JOB NO. 061335 ALCOA RD. - HWY. 183 (S)
LETTING OF SEPTEMBER 12, 2018

QUANTITY	UNIT	ITEM	REDSTONE CONSTR. GROUP, INC.	PHILLIPS HARDY ,INC.	MCGEORGE CONTR. CO., INC.	AVG OF LOW BIDS
1	LS	REMOVAL OF EXIST BR. STR.	31,500.00	62,300.00	30,000.00	41,266.67
279.00	CUYD	UNCLASS. EXCAV. FOR STRS-BR	89.25	220.00	85.00	131.42
309.40	CUYD	CLASS S CONCRETE - BRIDGE	708.75	970.00	675.00	784.58
505.40	CUYD	CLASS S(AE) CONCRETE - BRIDGE	603.75	927.00	575.00	701.92
37.10	GAL	CLASS 1 PROTECT. SURF.TREATMENT	126.00	276.00	120.00	174.00
138,540.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.21	1.10	1.15	1.15
45,540.00	LB	REINF. STEEL BR. (GR. 60)	1.10	1.20	1.05	1.12
288.00	LF	STEEL PILING (HP 12X53)	115.50	111.00	110.00	112.17
126.00	LF	PREBORING	94.50	137.00	90.00	107.17
4.00	EACH	TRANSITIONAL APPR. RAILING	3,150.00	3,410.00	3,000.00	3,186.67
364.00	LF	METAL BR. RAILING (TYPE H)	57.75	57.00	55.00	56.58
336,820.00	LB	STR. STEEL IN BEAM SPANS (M 270 GR. 50W)	2.13	2.05	2.03	2.07
11,920.00	CUIN	ELASTOMERIC BEARINGS	2.07	3.20	1.97	2.41
182.00	LF	SILICONE JOINT SEALANT	36.75	77.50	35.00	49.75
1.00	EACH	BR. NAME PLATE (TYPE D)	105.00	1,610.00	100.00	605.00
889.00	SQYD	FILTER BLANKET	4.80	6.50	4.00	5.10
479.00	CUYD	DUMPED RIPRAP	60.00	78.00	50.00	62.67
		TOTAL AMOUNT BID FOR JOB	$17,394,676.00	$16,756,309.00	$20,679,789.00	
		TOTAL AMOUNT BID FOR BRIDGE	$1,663,918.95	$1,980,683.90	$1,580,998.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07365	190.34	82.17	15,640.24	1A	1B
		A =	15,640.24		

1A: 61'-66'-61' CONT COMP W-BEAM UNITS W/MULTI COLUMN INT BENTS ON SPREAD FOOTINGS AND STEEL H-PILE BENTS.

1B: 127.9' LONG BY 31.5' WIDE CONC. DECK ON 2-SPAN CONT. I-BEAM UNITS SUPPORTED BY CONC. ABUTMENTS AND PIERS.

OUT TO OUT COST ($/SF) = $1,663,918.95/A = $106.39
LESS REMOVAL ($/SF) $2.01

NET COST ($/SF) $104.38

FHWA COST ($/SF) = $1,586,811.95/A= $101.46
EXISTING BR. REMOVAL ($/SF) = $8.06

DEDUCT RIPRAP, FLTR BLNKT & TRANS APPR RAIL COSTS FROM FHWA COST.

FUNCTION CLASS - 16 - URBAN - MINOR ART.
OFF NHS
DESIGN SECTION - TMG

JOB 061335 LET 09/12/2018