

ANALYSIS OF BIDS
 JOB NO. CA0903 HWY. 71 INTERCHANGE (B.V. BYPASS) (F)
 LETTING OF JULY 24, 2019

QUANTITY	UNIT	ITEM	EMERY SAPP & SONS INC.	KOLB GRADING LLC	AVG OF LOW BIDS
1	L.S.	REMOVAL OF EXISTING BR. STR. (SITE NO. 1)	39478.55	252550.00	146,014.28
1	L.S.	REMOVAL OF EXISTING BR. STR. (SITE NO. 2)	35992.80	250800.00	143,396.40
2404	CUYD	UNCLASS.EXCAV.FOR STRS-BR	63.00	65.00	64.00
2386.1	CUYD	CLASS S CONCRETE-BRIDGE	895.00	650.00	772.50
3254.6	CUYD	CLASS S(AE) CONCRETE-BRIDGE	675.00	650.00	662.50
1194	SQFT	ARCHITECTURAL FINISH	5.25	9.00	7.13
21091	SQYD	TEXTURED COATING FINISH	9.50	65.30	37.40
11380.2	SQYD	CLASS 2 PROTECT.SURF.TREATMENT	5.60	4.50	5.05
343310	LB	REINF.STEEL-BRIDGE (GR 60)	1.27	1.30	1.29
692130	LB	EPOXY COAT.REINF.STEEL-GR 60	1.48	1.05	1.27
4380	LF	STEEL PILING (HP 12X53)	74.00	58.65	66.33
1386	LF	STEEL PILING (HP 14X73)	84.00	114.00	99.00
288	LF	PREBORING	290.00	186.00	238.00
288	LF	EXPLORATORY HOLES	58.00	65.50	61.75
2150340	LB	STR.ST.BM.SPANS(M270-GR50W)	2.00	1.90	1.95
199300	LB	STR.ST.PL.GRD.SPN(M270-GR50W)	2.00	1.95	1.98
1755190	LB	STR.ST.PL.GRD.SPN(M270-GRHPS70W)	2.00	1.80	1.90
974	TON	PAINTING STRUCTURAL STEEL	365.00	130.00	247.50
115496	CUIN	ELASTOMERIC BEARINGS	3.65	2.00	2.83
196	LF	ARM. JT W/NEOPRENE STRIP SEAL	290.00	180.00	235.00
839	LF	SILICONE JOINT SEALANT	47.50	52.50	50.00
3	EACH	BRIDGE NAME PLATE (TYPE D)	525.00	500.00	512.50
1703	SQYD	FILTER BLANKET	3.00	4.00	3.50
355	CUYD	DUMPED RIPRAP	120.00	50.00	85.00
18	CUYD	CONCRETE RIPRAP	1300.00	707.00	1,003.50
1	L.S.	MOD.EXISTING BR.STR (BR. 07277)	182091.00	35000.00	108,545.50

TOTAL AMOUNT BID FOR JOB

\$66,593,069.00

\$60,923,938.00

TOTAL AMOUNT BID FOR BRIDGE

\$16,169,021.97

\$15,569,977.20

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07277	196.17	79.875	15,668.82	1A	NA
07278	494.63	93.1667	46,082.58	2A	NA
07280	505.13	37.1667	18,773.83	3A	NA
07281	297.35	93.17	<u>27,703.51</u>	4A	NA
		A =	108,228.73		

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- 1A: 196' 2" SIMPLE COMP. W- BEAM SPANS ON H-PILE END-BENTS AND MULTI-COLUMN INT. BENTS ON STEEL H-PILE FOUNDATION PILING.
2A: 494' - 71/2" SIMPLE & CONT. COMP. W-BEAM UNITS ON CONC. COLUMN BENTS.
3A: 505' - 1 1/2" SIMPLE & CONT. COMP. W-BEAM UNITS ; CONC. COLUMN BENTS ON SPREAD FOOTINGS.
4A: 295' SIMPLE PL. GIRDER SP. ON H-PILE END BENTS ON MSE WALL

*****REMOVAL ONLY*** 1B & 2B: 189' - 2 9/16" CONT. COMP. PL. GIRDER UNIT MULTI COLUMN BENTS ON SPREAD FOOTINGS**

OUT TO OUT COST (\$/SF) = \$16,169,021.97/A = **\$149.40**
LESS REMVL OF EXIST BR. AND TEMP. BR. STR. (\$/SF) **\$0.00**

NET COST (\$/SF) **\$149.40**

FHWA COST (\$/SF) = \$15,915,721.97/A= \$147.06
EXISTING BR. REMOVAL (\$/SF) = \$4.04

DEDUCT RIPRAP & FILTER BLANKET & MODIFICATION
COSTS FROM FHWA COST.

FUNCTION CLASS -02 - RURAL - PRIN. ART. - OTHER
ON NHS
DESIGN SECTION - SWP/TMG/LJB