

STPF-0030 (16)

ANALYSIS OF BIDS
 JOB NO. 061084 UPPR & PINE ST. STR. & APPRS. (DONALDSON) (S)
 LETTING OF JANUARY 13, 2016

QUANTITY	UNIT	ITEM	ROBERTSON CONTR.	MANHATTAN RD. & BR.	KIEWIT INFRASTR. S.	AVG OF LOW BIDS
			JNC	CO.	CO.	
1.00	LS	REMOV. OF EXIST. BR. STR. (BR. NO. 01465 SITE 1)	150,000.00	180,000.00	350,000.00	226,666.67
440.00	LF	7' STEEL CHAIN LINK FENCE	36.50	35.00	49.32	40.27
1,115.00	CUYD	UNCLASS. EXCAV. FOR STRS-BR	25.00	95.00	43.77	54.59
1,090.70	CUYD	CLASS S CONCRETE - BRIDGE	685.00	690.00	858.12	744.37
994.00	CUYD	CLASS S(AE) CONCRETE - BRIDGE	630.00	590.00	1,007.30	742.43
79.30	GAL	CLASS 1 PROTECT. SURF. TREATMENT	150.00	120.00	111.89	127.30
150,980.00	LB	REINF. STEEL-BRIDGE (GR. 60)	1.10	1.00	1.18	1.09
226,980.00	LB	EPOXY COATED REINF. STEEL (GRADE 60)	1.20	1.00	1.31	1.17
6,110.00	LF	CONCRETE PILING (18" SQ)	90.00	80.75	108.21	92.99
325.00	LF	TEST PILE (18" SQ)	150.00	150.00	172.19	157.40
162,000.00	LB	STR. STL IN BEAM SPANS. (M270, GR. 50W)	1.80	2.35	3.30	2.48
973,110.00	LB	STR. STL IN PL. GRDR SPANS. (M270, GR. 50W)	1.70	2.35	1.94	2.00
25,803.00	CUIN	ELASTOMERIC BEARINGS	2.25	2.35	1.98	2.19
86.00	LF	SILICONE JOINT SEALANT	100.00	45.00	62.07	69.02
1.00	EACH	BRIDGE NAME PLATE (TYPE D)	1,000.00	350.00	749.52	699.84
1,920.00	SQYD	FILTER BLANKET	3.00	6.50	3.17	4.22
1,005.00	CUYD	DUMPED RIPRAP	60.00	84.00	86.55	76.85
TOTAL AMOUNT BID FOR JOB			\$7,045,842.59	\$8,227,755.37	\$9,087,385.44	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07319	762.15	43.17	32,899.32	1A	*1B
A =			32,899.32		

1A: 1-240' CONT COP. PL. GRDR. UNIT (120'-120'), 1-380' CONT. COMP. PL. GRDR. UNIT (114'-152'-114') AND 1-140' CONT. COMP. W-BEAM UNIT (70'-70') WITH CONC. COLUMN BENTS ON CONC. PILING

*1B: BR. 01465 615' LONG AND 27' WIDE WITH CONC. APPR. SPANS AND STL. GRDR. MAIN SPAN SUPPORTED BY CONC. COLUMN BENTS WITH SPRD. FTGS

OUT TO OUT COST (\$/SF) = \$4,695,887.25/A = \$142.74
 LESS REMOVAL (\$/SF) = \$4.56
 FHWA COST (\$/SF) = \$4,479,827.25/A = \$136.17
 EXISTING BR. REMOVAL (\$/SF) = \$9.03
 DEDUCT REMVL, RIPRAP, AND FLTR BLNKT
 COSTS FROM FHWA COST.

*STR. DEFICIENT BRIDGE
 NET COST (\$/SF) = \$138.18
 FUNCTION CLASS - 07 - MAJOR COLL - RURAL
 OFF NHS
 DESIGN SECTION - JAC