

ANALYSIS OF BIDS
 JOB NO. CA0608 BAPTIST HOSPITAL - UNIVERSITY AVE. (WIDENING) (F)
 LETTING OF APRIL 4, 2018

QUANTITY	UNIT	ITEM	MANHATTAN ROAD & BRIDGE CO.	KIEWIT INFRASTR. SOUTH CO.	WEBBER , LLC	AVG OF LOW BIDS
1.00	LS	REM. OF EXIST. BR. STR. (SITE NO. 5)	3,050,000.00	282,510.94	24,031.15	1,118,847.36
1.00	LS	REM. OF EXIST. BR. STR. (SITE NO. 4A)	750,000.00	1,760,432.77	600,000.00	1,036,810.92
1.00	LS	REM. OF EXIST. BR. STR. (SITE NO. 4B)	800,000.00	588,538.76	600,000.00	662,846.25
311.00	CUYD	UNCLASS. EXC. FOR STRS. - BRIDGE	100.00	683.96	143.00	308.99
1,070.60	CUYD	CLASS S CONCRETE - BRIDGE	850.00	6,359.58	1,190.00	2,799.86
3,499.90	CUYD	CLASS S (AE) CONCRETE - BRIDGE	525.00	433.80	722.00	560.27
249.40	GAL	CLASS 1 PROTECT. SURF. TREATMENT	145.00	472.57	78.25	231.94
255,990.00	LB	REINF. STEEL - BRIDGE (GR. 60)	1.30	1.61	1.15	1.35
807,160.00	LB	EPOXY COATED REINF. STEEL (GR 60)	1.00	1.61	1.25	1.29
605.00	LF	STEEL PILING (12X53)	80.00	90.79	290.00	153.60
442.00	LF	STEEL PILING (14X73)	130.00	84.21	223.00	145.74
163.00	LF	PREBORING	325.00	281.91	101.00	235.97
370.00	LF	METAL BRIDGE RAILING (TYPE H)	100.00	91.61	66.00	85.87
568.00	LF	METAL BRIDGE RAILING (TYPE H2)	125.00	158.85	141.00	141.62
8.00	EACH	TRANSITIONAL APPR. RAILING	7,000.00	10,531.17	9,950.00	9,160.39
793,540.00	LB	STR. STEEL IN BEAM SP. (M 270 GR. 50W)	1.90	3.31	4.00	3.07
1,736,880.00	LB	STR. STEEL IN PL. GIRDER SP. (M 270 GR. 50W)	1.90	2.47	3.25	2.54
1,267.30	TON	PAINTING STRUCTURAL STEEL	250.00	268.44	461.00	326.48
63,641.00	CUIN	ELASTOMERIC BEARINGS	2.50	3.57	5.15	3.74
293.00	LF	ARMORED JOINT WITH NEOPRENE STRIP SEAL	170.00	165.61	165.00	166.87
1,099.00	LF	SILICONE JOINT SEALANT	55.00	64.44	63.75	61.06
5.00	EA	BRIDGE NAME PLATE (TYPE D)	700.00	484.36	999.00	727.79
931.00	SQYD	FILTER BLANKET	5.25	10.44	19.10	11.60
620.00	CUYD	DUMPED RIPRAP	85.00	137.85	80.00	100.95
31.00	CUYD	CONCRETE RIPRAP	650.00	1,464.57	699.00	937.86
520.90	TON	CLEANING AND PAINTING EXIST. STR. STEEL (TYPE II)	675.00	1,633.36	803.00	1,037.12
1.00	LS	DISPOSAL OF HAZARDOUS WASTE (SITE NO. 1)	30,000.00	10,786.80	75,000.00	38,595.60
1.00	LS	DISPOSAL OF HAZARDOUS WASTE (SITE 3A)	2,500.00	10,786.80	30,000.00	14,428.93
1.00	LS	DISPOSAL OF HAZARDOUS WASTE (SITE 3B)	2,500.00	10,786.01	30,000.00	14,428.67
1.00	LS	MOD. OF EXIST. STR. (SITE NO. 3A)	1,450,000.00	1,678,762.72	850,000.00	1,326,254.24
1.00	LS	MOD. OF EXIST. STR. (SITE NO. 3B)	2,200,000.00	1,007,509.04	425,000.00	1,210,836.35
1.00	LS	MOD. OF EXIST. STR. (SITE NO. 4A)	615,000.00	91,384.76	330,000.00	345,461.59
1.00	LS	MOD. OF EXIST. STR. (SITE NO. 4A)	1,300,000.00	105,699.87	225,000.00	543,566.62
1.00	LS	MOD. OF EXIST. STR. (SITE NO. 4B)	300,000.00	495,198.22	255,000.00	350,066.07
432.00	LF	DRILLED SHAFT (48" DIAM.)	1,500.00	1,248.95	1,040.00	1,262.98
216.00	LF	PERM. STEEL CASING (54" DIAM.)	500.00	350.57	1,300.00	716.86
9.00	EACH	CROSSHOLE SONIC LOGGING (48" DIAM.)	3,500.00	1,294.42	4,310.00	3,034.81
144.00	LF	CORING DRILLED SHAFT	100.00	296.64	218.00	204.88
895.00	SQFT	ARCHITECTURAL FINISH	20.00	33.47	68.25	40.57
5,405.00	SQYD	TEXTURED COATING FINISH	11.50	4.55	8.20	8.08
2,541.00	SQYD	POLYMER OVERLAY	65.00	51.78	70.50	62.43
2,288.00	SQFT	BRIDGE DECK REPAIR FOR POLYMER OVERLAY	40.00	10.79	38.75	29.85
TOTAL AMOUNT BID FOR JOB			\$87,384,772.00	\$95,172,723.00	\$90,768,411.00	
TOTAL AMOUNT BID FOR BRIDGE			\$21,745,470.75	\$26,238,829.00	\$20,624,905.75	

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BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
**REMODEL					
A5582	258.54	88.37	22,847.33	2A	NA
B5582	258.54	70.9167	18,334.92	3A	NA
07383	430.27	142.6667	<u>61,384.57</u>	4A	4B
			102,566.83		
NEW CONSTRUCTION					
07382	257.17	16.00	4,114.72	1A	NA
07384	185.16	52.1667	<u>9,658.99</u>	5A	5B
			13,773.71		
***POLYMER OVERLAY					
**A3493	162.13	73.00	11,835.50	NA	6B
**B3493	162.13	65.00	<u>10,538.46</u>	NA	7B
		A =	22,373.97		

***TOTAL SURFACE FOR POLYMER OVERLAY = 22,689 SQFT**

1A: 255'-0" CONT. COMP. W-BEAM UNIT ON STEEL PILINGS AND SPREAD FOOTINGS

2A & 3A: 256' COMP. W-BEAM SPANS WITH END BENTS ON STEEL PILES AND INT. BENTS W/MULTI-COLUMNS ON SPREAD FOOTINGS

4A: 428'-0" CONT. COMP. PL. GIRDER UNIT ON STEEL PILINGS & DRILLED SHAFTS

5A: 183'-0" CONT. COMP. W-BEAM UNIT ON STEEL PILINGS AND SPREAD FOOTINGS

4B: BRS. A&B5583 CONT. COMP. STEELBOX GIRDER SPANS ON INT. BENTS W/MULTI-COLUMNS ON SPREAD FOOTINGS AND PILES ON ABUTMENTS

5B: BRI. 05584 2 COMP. I-BEAM CONT. SPANS ON INT. BENTS W/MULTI-COLUMNS ON SPREAD FOOTINGS AND ABUTMENTS

6B & 7B: 162' - 1 9/16" COMP. I-BEAM SPANS WITH END BENTS ON STEEL PILINGS AND INT. BENTS W/MULTI-COLUMNS ON SPREAD FOOTINGS

*****BID COST OF POLYMER OVERLAY \$256,685.00**

DEDUCT BR. DECK REPAIR

POLYMER OVERLAY COST (\$165,165/SQFT)= \$7.22

****BID COST OF WIDENING/REMODELING \$16,458,543.75**

DEDUCT REMVL, RIPRAP, SHORING & FILTER BLKT

WIDENING/REMODEL COST (\$14,568,979.50/A)= \$142.04

NEW CONSTRUCTION

OUT TO OUT COST (\$/SF) = \$4,887,732.00 \$/A =

LESS REMOVAL (\$/SF)

\$364.86

\$221.44

FHWA COST (\$/SF) = \$1,743,558.50/A= \$126.59

EXISTING BR. REMOVAL (\$/SF) = \$327.66

NET COST (\$/SF)

\$133.42

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

FUNCTION CLASS - NA

07382 OFF NHS

FUNCTION CLASS - 11 - URBAN - PRINC. ART. - INT.

A&B5582 ON NHS

A&B3493

07383

FUNCTION CLASS - 17 - URBAN - COLL.

07384 OFF NHS

DESIGN SECTION - KWY