

ANALYSIS OF BIDS
 JOB NO. 070344 - GURDON-OAK GROVE STR. & APPRS. (S)
 LETTING OF DECEMBER 17, 2014

QUANTITY	UNIT	ITEM	MANHATTAN ROAD & BRIDGE CO.	EUTAW CONST. CO., INC.	MOBLEY CONTRS., INC.	AVG OF LOW BIDS
1.00	L.S	REMV. EXIST. BR.STR. (SITE 1)	29,400.00	30,754.82	196,623.77	85,592.86
1.00	L.S	REMV. EXIST. BR.STR. (SITE 2)	22,100.00	24,603.88	67,807.94	38,170.61
1.00	L.S	REMV. EXIST. BR.STR. (SITE 3)	21,500.00	18,452.90	62,513.10	34,155.33
1.00	L.S	REMV. EXIST. BR.STR. (SITE 4)	25,400.00	18,452.90	67,039.25	36,964.05
651.00	LF	TEMP.BR.STR. (24' RDWY WIDTH)	1,902.00	1,859.82	1,961.98	1,907.93
144.00	CUYD	UNCLASS. EXCAV.FOR STRS-BR	30.00	14.58	87.07	43.88
574.40	CUYD	CLASS S CONCRETE - BRIDGE	782.00	660.87	1,122.75	855.21
1,239.30	CUYD	CLASS S(AE) CONCRETE - BRIDGE	640.00	681.28	761.71	694.33
103.30	GAL	CLASS 1 PROTECT. SURF.TREATMENT	90.00	82.00	47.62	73.21
69,900.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.30	0.97	1.03	1.10
286,530.00	LB	EPOXY COAT.REINF.STEEL (GR 60)	1.10	1.10	1.04	1.08
1,920.00	LF	CONC PILING (18' SQ)	74.00	87.47	122.55	94.67
1,725.00	LF	CONC PILING (24" SQ)	112.00	104.98	178.73	131.90
520.00	LF	TEST PILE (18" SQ)	150.00	104.57	166.21	140.26
240.00	LF	TEST PILE (24" SQ)	180.00	156.42	225.30	187.24
985,210.00	LB	STR.ST.BM.SPANS (M270-GR50W)	2.04	2.45	1.78	2.09
30,908.00	CUIN	ELASTOMERIC BEARINGS	1.85	2.20	2.60	2.22
354.00	LF	SILICONE JOINT SEALANT	45.00	13.39	45.92	34.77
4.00	EACH	BRIDGE NAME PLATE (TYPE D)	527.00	2,178.35	1,024.92	1,243.42
1,651.00	SQYD	FILTER BLANKET	3.10	2.52	7.74	4.45
929.00	CUYD	DUMPED RIPRAP	90.00	89.93	57.86	79.26
492.00	LF	DRILLED SHAFT (72" DIA)	1,380.00	704.46	1,128.51	1,070.99
188.00	LF	PERMANET STEEL CASING (72" DIA)	750.00	620.00	771.70	713.90
10.00	EACH	CROSSHOLE SONIC LOGGING (72" DIA)	3,500.00	656.57	2,925.00	2360.52
197.00	LF	CORING DRILLED SHAFT	240.00	171.00	117.00	176.00
TOTAL AMOUNT BID FOR JOB			\$9,326,137.49	\$9,732,874.21	\$11,063,984.96	
TOTAL AMOUNT BID FOR BRIDGE			\$6,531,099.10	\$6,447,755.64	\$7,005,205.88	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
07326	326.31	43.17	14,085.61	1A	1B
07327	240.17	43.17	10,367.20	2A	*2B
07328	207.80	43.17	8,970.13	3A	3B
07329	202.17	43.17	8,726.87	4A	4B
		A =	42,149.81		

1A 324' - CONT COMP W-BEAM UNIT (72' - 90' - 90' - 72') ON MULTI COL INT BENTS; BENT 1, 2 & 5 ARE PRESTR.CONC. PILES & BENTS 3 & 4 ARE DRILLED SHAFTS.
 2A 238' - CONT COMP W-BEAM UNIT (52' - 67' - 67' - 52') ON PRESTRESSED CONC PILES INT & END BENTS.
 3A 205.5' - CONT COMP W-BEAM UNIT (70' - 65.5' - 70') ON MULTI COL DRILLED SHAFTS INT BENTS & PRESTR.CONC PILE END BENTS.
 4A 200' - CONT COMP W-BEAM UNIT (63' - 74' - 63') ON MULTI COL INT BENTS; BENTS 1, 3 & 4 ARE PRESTR.CONC PILES & BENT 2 DRILLED SHAFTS.

1B #01477 - 263' L X 25.2' W; CONSISTS OF FOUR 40' RCDG SPANS & A 100' STEEL TRUSS SPAN ON CONC BENTS W/TIMBER PILE FOOTINGS.
 *2B #01478 - 200' L X 27' W; CONSISTS OF FIVE 40' RCDG SPANS ON CONC BENTS W/TIMBER PILE FOOTINGS.
 3B #01479 - 162' L X 25.2' W; CONSISTS OF TWO 35' RCDG SPANS & A 90' STEEL TRUSS SPAN ON CONC BENTS W/TIMBER PILE FOOTINGS.
 4B #01480 - 183' L X 25.2' W; CONSISTS OF TWO 40' RCDG SPANS & A 100' STEEL TRUSS SPAN W/BNTS 1 & 2 ON SPRD FTGS & BNTS 3 & 4 ON TIMBER PILE FTGS

OUT TO OUT COST (\$/SF) = \$6,531,099.10 /A = **\$154.95** FHWA COST (\$/SF) = \$5,105,769.00 /A= \$121.13
 LESS REMOVAL / TEMP BR/ SHORING (\$/SF) **\$31.71** EXISTING BR. REMOVAL (\$/SF) = \$4.74

NET COST (\$/SF) **\$123.24** DEDUCT REMVL, TEMP BR, RIPRAP, FLTR BLNKT, SHORING & TRANS APPR RAIL COSTS FROM FHWA COST.

*OUT TO OUT COST (\$/SF) = \$1,369,353.40 /A = **\$132.09** *FHWA COST (\$/SF) = \$1,017,832.90 /A= \$98.18
 LESS REMOVAL / TEMP BR/ SHORING (\$/SF) **\$30.56**

NET COST (\$/SF) **\$101.53**

*STR. DEFICIENT BRIDGE

FUNCTION CLASS - 07 MAJOR COLLECTOR - RURAL
 OFF NHS
 DESIGN SECTION - SWP