

BRN-0056 (15)

ANALYSIS OF BIDS  
 JOB NO. 100380 - DITCH NO. 1 STR. & APPRS. (S)  
 LETTING OF 04APR2001

QUANTITY	UNIT	ITEM	ROBERTSON CONTRACTORS, INC.	MOBLEY CONTRACTORS, INC.	HARDY CONST. CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	20,000.00	22,812.06	10,000.00	17,604.02
46.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	50.00	43.34	90.00	61.11
82.10	CUYD	CLASS S CONCRETE-BRIDGE	500.00	640.84	740.00	626.95
148.00	CUYD	CLASS S(AE) CONCRETE-BRIDGE	450.00	584.43	550.00	528.14
11.80	GAL	CLASS 1 PROTECT.SURF.TREATMENT	35.00	52.22	40.00	42.41
9,740.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.65	0.58	0.56	0.60
33,680.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.75	0.68	0.74	0.72
400.00	LF	STEEL SHELL PILING (16")	48.00	63.78	75.00	62.26
400.00	LF	STEEL SHELL PILING (24")	90.00	108.62	140.00	112.87
60,690.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.30	1.44	1.65	1.46
12,688.00	CUIN	ELASTOMERIC BEARINGS	3.30	1.28	1.60	2.06
86.00	LF	PREFORMED JOINT SEAL	40.00	39.34	50.00	43.11
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	250.00	350.34	200.00	266.78
TOTAL AMOUNT BID FOR JOB			\$981,102.51	\$1,141,809.82	\$1,179,417.50	
TOTAL AMOUNT BID FOR BRIDGE			\$341,611.40	\$369,409.92	\$398,082.90	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06836	110.19	43.17	4,756.43	1A	1B
		A =	4,756.43		

1A 108' Cont. Comp. W-Beam Unit; Concrete filled Steel Shell Pile Bents

1B Br. No. M1289; 23' x 61'; Timber Beams with Concrete Deck and Timber Pile Bents

OUT TO OUT COST (\$/SF)=	\$341,611.40	/A = \$71.82	* FHWA COST (\$/SF)=	\$321,611.40	/A = \$67.62
LESS REMOVAL / TEMP. BR.	(\$/SF)	= 4.20	EXISTING BR. REMOVAL (\$/SF)	= \$14.26	
NET COST (\$/SF)	=	\$67.62	* DEDUCT REMOVAL, TEMP. BR., TRANSITIONAL APPROACH RAIL, RIPRAP, & FILTER BLANKET COSTS		

FUNC. CLASS. - MAJ. COLL.

DESIGN SECTION - GVA

BRN-0047 (34)

ANALYSIS OF BIDS  
 JOB NO. 100527 - LITTLE RIVER STR. & APPRS. (S)  
 LETTING OF 04APR2001

QUANTITY	UNIT	ITEM	J. W. GITHENS CO.	ROBERTSON CONTRACTORS, INC.	MOBLEY CONTRACTORS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMOV.EXIST.BR.STR. (SITE 1)	55,000.00	18,000.00	62,741.96	45,247.32
25.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	30.00	30.00	144.56	68.19
88.80	CUYD	CLASS S CONCRETE-BRIDGE	350.00	450.00	756.86	518.95
8.00	EACH	31' PRECAST CONC. CURB UNITS	2,700.00	2,650.00	3,424.39	2,924.80
28.00	EACH	31' PRECAST CONC.INTER.UNITS	2,700.00	2,650.00	3,263.55	2,871.18
8.00	EACH	31' PRECAST PARAPET RAIL UNITS	3,550.00	3,500.00	3,968.66	3,672.89
10.80	GAL	CLASS 1 PROTECT.SURF.TREATMENT	37.00	35.00	25.11	32.37
8,730.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.70	0.65	0.65	0.67
1,875.00	LF	STEEL SHELL PILING (18")	56.00	55.00	82.06	64.35
168.00	LF	PILE ENCASEMENT	50.00	85.00	187.86	107.62
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	140.00	250.00	358.20	249.40
1,007.00	SQYD	FILTER BLANKET	2.20	3.00	5.36	3.52
625.00	CUYD	DUMPED RIPRAP	38.50	45.00	47.68	43.73
TOTAL AMOUNT BID FOR JOB			\$549,217.07	\$570,650.95	\$789,126.30	
TOTAL AMOUNT BID FOR BRIDGE			\$358,758.50	\$336,963.50	\$511,013.32	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06833	127.46	34.00	4,333.58	1A	1B
		A =	4,333.58		

1A 4 - 31' Precast Spans supported by Concrete filled Steel Shell Piles

1B 28' x 122'; 8-Span with Timber Multi-Beam Superstructure and Timber Trestle Pile Substructure

OUT TO OUT COST (\$/SF)=	\$358,758.50	/A = \$ 82.79	* FHWA COST (\$/SF)=	\$277,480.60	/A = \$64.03
LESS REMOVAL / TEMP. BR.	(\$/SF)	= 12.69	EXISTING BR. REMOVAL (\$/SF)	= \$16.10	
NET COST (\$/SF)		= \$ 70.10	* DEDUCT REMOVAL, TEMP. BR., TRANSITIONAL APPROACH RAIL, RIPRAP, & FILTER BLANKET COSTS		

FUNC. CLASS. - MAJ. COLL.

DESIGN SECTION - MEC

ANALYSIS OF BIDS  
 JOB NO. B40105 - DYER-FRANKLIN CO. LINE (F)  
 LETTING OF 04APR2001

QUANTITY	UNIT	ITEM	FORSYGREN, INC.	GLOVER CONST. CO., INC.	GILBERT CENTRAL CORP.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	32,400.00	54,000.00	65,000.00	50,466.67
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 2)	31,800.00	54,000.00	65,000.00	50,266.67
906.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	67.50	70.00	125.00	87.50
469.30	CUYD	CLASS S CONCRETE-BRIDGE	506.25	535.00	500.00	513.75
772.60	CUYD	CLASS S(AE) CONCRETE-BRIDGE	395.00	420.00	350.00	388.33
67.20	GAL	CLASS 1 PROTECT.SURF.TREATMENT	57.00	60.00	79.00	65.33
77,269.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.56	0.60	0.50	0.55
177,866.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.61	0.60	0.60	0.60
576.00	LF	STEEL PILING (HP 12X53)	40.50	43.00	60.00	47.83
595,792.00	LB	STR.ST.BM.SPANS(M270-GR50W)	0.99	1.00	0.90	0.96
33,696.00	CUIN	ELASTOMERIC BEARINGS	1.50	1.60	1.25	1.45
199.20	LF	ARM. JT W/NEOPRENE STRIP SEAL	89.00	94.00	90.00	91.00
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	98.00	100.00	100.00	99.33
TOTAL AMOUNT BID FOR JOB			\$17,696,633.29	\$18,522,304.52	\$20,598,067.93	
TOTAL AMOUNT BID FOR BRIDGE			\$1,505,345.31	\$1,597,498.90	\$1,529,993.70	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
A6820	318.31	43.17	13,740.50	1A	1B
B6820	318.31	43.17	13,740.50	2A	2B

A = 27,481.00

1A 316' Cont. W-Beam (59'-66'-66'-66'-59'); 2-Column with Spread Footings Int. Bents, H-Pile End Bents  
 2A 316' Cont. W-Beam (59'-66'-66'-66'-59'); 2-Column with Spread Footings Int. Bents, H-Pile End Bents

1B Br. No. A5080 - 28' x 301'; 7 @ 43' W-Beam Spans; 2-Column with Spread Footings Int. Bents; H-Pile End Bents  
 2B Br. No. B5080 - 28' x 301'; 7 @ 43' W-Beam Spans; 2-Column with Spread Footings Int. Bents; H-Pile End Bents

OUT TO OUT COST (\$/SF)=	\$1,505,345.31 /A =	\$ 57.78	* FHWA COST (\$/SF)=	\$1,441,145.31 /A =	\$52.44
LESS REMOVAL / TEMP. BR. (\$/SF)	=	2.34	EXISTING BR. REMOVAL (\$/SF)	=	\$3.81
NET COST (\$/SF)	=	\$ 52.44	* DEDUCT REMOVAL, TEMP. BR., TRANSITIONAL APPROACH RAIL, RIPRAP, & FILTER BLANKET COSTS		

BRO-0073 (30)

ANALYSIS OF BIDS  
 JOB NO. BR7309 - STEVENS CREEK STR. & APPRS. (S)  
 LETTING OF 04APR2001

QUANTITY	UNIT	ITEM	JOYNER-FORD & BURKE CONST.CO.	PARADIGM CONST. & ENGRNG., INC	THOMCO, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	6,500.00	13,000.00	8,000.00	9,166.67
202.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	50.00	150.00	80.00	93.33
154.60	CUYD	CLASS S CONCRETE-BRIDGE	450.00	375.00	497.00	440.67
145.00	CUYD	CLASS S(AE) CONCRETE-BRIDGE	450.00	375.00	490.00	438.33
12.30	GAL	CLASS 1 PROTECT.SURF.TREATMENT	35.00	35.00	40.00	36.67
53,290.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.55	0.50	0.50	0.52
200.00	LF	STEEL PILING (HP 12X53)	35.00	40.00	50.00	41.67
81,230.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.02	1.00	1.06	1.03
3,951.00	CUIN	ELASTOMERIC BEARINGS	1.85	2.30	2.00	2.05
62.00	LF	PREFORMED JOINT SEAL	40.00	30.00	40.00	36.67
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	200.00	200.00	150.00	183.33
863.00	SQYD	FILTER BLANKET	2.50	2.00	3.00	2.50
501.00	CUYD	DUMPED RIPRAP	40.00	32.00	38.00	36.67
TOTAL AMOUNT BID FOR JOB			\$498,988.04	\$506,031.43	\$570,480.35	
TOTAL AMOUNT BID FOR BRIDGE			\$303,201.45	\$300,860.80	\$327,446.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04836	152.12	31.17	4,741.07	1A	1B
		A =	4,741.07		

1A 150'-0" (46'-58'-46') Cont. Comp. W-Beam Unit; Hammerhead Int. Bents w/Spread Footings; Pile End Bents

1B 15.8' wide x 81' long w/Steel Beams and Timber Deck; Timber Substructure with Concrete Footings

OUT TO OUT COST (\$/SF)=	\$303,201.45	/A = \$ 63.95	* FHWA COST (\$/SF)=	\$274,503.95	/A = \$57.90
LESS REMOVAL / TEMP. BR.	(\$/SF)	= 1.37	EXISTING BR. REMOVAL (\$/SF)	= \$5.08	
NET COST (\$/SF)		= \$ 62.58	* DEDUCT REMOVAL, TEMP. BR., TRANSITIONAL APPROACH RAIL, RIPRAP, & FILTER BLANKET COSTS		

FUNC. CLASS - MINOR COLLECTOR

DESIGN SECTION - CJF

STPR-0033(13)

ANALYSIS OF BIDS  
 JOB NO. FA3316 - DRY HOLLOW CREEK STR. & APPRS. (S)  
 LETTING OF 04APR2001

QUANTITY	UNIT	ITEM	CROUSE CONSTRUCTION CO.	WEST PLAINS BR. & GRADING, LLC	FRANKS CONSTRUCTION, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	10,000.00	8,407.00	5,000.00	7,802.33
110.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	70.00	98.00	65.00	77.67
46.10	CUYD	CLASS S CONCRETE-BRIDGE	500.00	746.00	450.00	565.33
6.00	EACH	31' PRECAST CONC. CURB UNITS	3,000.00	2,460.00	2,800.00	2,753.33
15.00	EACH	31' PRECAST CONC.INTER.UNITS	3,000.00	2,460.00	2,600.00	2,686.67
6.00	EACH	31' PRECAST PARAPET RAIL UNITS	3,000.00	3,245.00	3,500.00	3,248.33
7.00	GAL	CLASS 1 PROTECT.SURF.TREATMENT	50.00	60.00	35.00	48.33
6,500.00	LB	REINF.STEEL-BRIDGE (GR 60)	1.00	0.71	0.65	0.79
112.00	LF	STEEL PILING (HP 10X42)	50.00	48.50	75.00	57.83
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	200.00	150.00	200.00	183.33
436.00	SQYD	FILTER BLANKET	3.00	4.00	3.50	3.50
244.00	CUYD	DUMPED RIPRAP	30.00	30.40	45.00	35.13
TOTAL AMOUNT BID FOR JOB			\$394,352.87	\$399,171.05	\$410,231.12	
TOTAL AMOUNT BID FOR BRIDGE			\$143,028.00	\$144,486.20	\$135,271.00	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04842	93.00	27.00	2,511.00	1A	1B
		A =	2,511.00		

1A 3 @ 31'; Precast Spans on Steel Pile End Bents and Concrete Col. Int. Bents

1B Existing Br. No. 18028; 41' long x 20' wide Steel Deck Plate w/I-Beams on Concrete Abutments

OUT TO OUT COST (\$/SF)=	\$143,028.00 /A = \$ 56.96	* FHWA COST (\$/SF)= \$124,400.00 /A = \$49.54
LESS REMOVAL / TEMP. BR. (\$/SF)	= 3.98	EXISTING BR. REMOVAL (\$/SF) = \$12.20
NET COST (\$/SF)	= \$ 52.98	* DEDUCT REMOVAL, TEMP. BR., TRANSITIONAL APPROACH RAIL, RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS. - MAJOR COLLECTOR

DESIGN SECTION - JGT