

BRN-A134(3)

ANALYSIS OF BIDS
 JOB NO. 040049 - HON, BULL & ROCK CREEKS STRS. & APPRS. (S)
 LETTING OF 03OCT2001

QUANTITY	UNIT	ITEM	PARADIGM CONST. & ENGRNG., INC.	CRAWFORD CONSTRUCTION CO.	MINE CREEK CONTRACTORS, INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 3)	5,000.00	4,500.00	15,000.00	8,166.67
89.00	CU M	UNCLASS.EXCAV.FOR STRS-BR	75.00	40.00	90.00	68.33
67.40	CU M	CLASS S CONCRETE-BRIDGE	390.00	425.00	500.00	438.33
93.20	CU M	CLASS S(AE) CONCRETE-BRIDGE	390.00	460.00	539.00	463.00
39.00	L	CLASS 1 PROTECT.SURF.TREATMENT	5.00	5.00	15.00	8.33
17,140.00	KG	REINF.STEEL-BRIDGE (GR.420)	0.95	1.00	0.99	0.98
40.00	M	STEEL PILING (HP 250X62)	82.00	135.00	145.00	120.67
24,440.00	KG	STR.ST.BM.SPANS(M270-GR345W)	2.20	2.10	2.63	2.31
19.70	M	PREFORMED JOINT SEAL	80.00	60.00	50.00	63.33
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	100.00	100.00	100.00	100.00
306.00	SQ M	FILTER BLANKET	2.00	3.00	3.50	2.83
138.00	CU M	DUMPED RIPRAP	40.00	42.00	52.00	44.67
TOTAL AMOUNT BID FOR JOB			\$1,100,870.55	\$1,147,449.40	\$1,222,000.00	
TOTAL AMOUNT BID FOR BRIDGE			\$155,643.00	\$161,632.00	\$203,907.60	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06749	36.65	9.95	364.67 (3,925.28 SF)	1A	1B
			A = 364.67 (3,925.28 SF)		
1A	36m Continuous W-Beam Unit (11.6, 12.8, 11.6); Steel Pile End Bents; 2-Column Interior Bents on Spread Footings.				
1B	Br. #M0686; 25m Long x 6.1m Wide; Pony truss Bridge with Multi-Beams with a Corregated Metal Deck supported by Concrete Bents				

OUT TO OUT COST (\$/SM)=	\$155,643.00/A = \$ 426.81 (\$39.65/SF)	* FHWA COST (\$/SM)= \$ 144,511.00 /A = \$ 396.28 (\$36.82/SF)
LESS REMOVAL / TEMP. BR. (\$/SM)	= \$ 13.71 (\$1.27/SF)	EXISTING BR. REMOVAL (\$/SM) = \$ 32.79 (\$SF)
NET COST (\$/SM)	= \$ 413.10 (\$38.38/SF)	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS - Major Collector DESIGN SECTION - GVA

NOTE: METRIC JOB

BRO-0011 (26)

ANALYSIS OF BIDS
 JOB NO. BR1107 - BIG SLOUGH DITCH STR. & APPRS. NO. 5 (S)
 LETTING OF 03OCT2001

QUANTITY	UNIT	ITEM	J. W. GITHENS CO.	ROBERTSON CONTRACTORS, INC.	CAMERON CONST. CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	4,400.00	10,000.00	5,500.00	6,633.33
4.00	CUYD	UNCLASS.EXCAV.FOR STRS-BR	25.00	10.00	25.00	20.00
56.70	CUYD	CLASS S CONCRETE-BRIDGE	370.00	450.00	425.00	415.00
4.00	EACH	19' PRECAST CONC. CURB UNITS	1,925.00	1,950.00	1,825.00	1,900.00
4.00	EACH	25' PRECAST CONC. CURB UNITS	2,650.00	2,500.00	2,400.00	2,516.67
2.00	EACH	31' PRECAST CONC. CURB UNITS	2,600.00	2,500.00	2,420.00	2,506.67
12.00	EACH	19' PRECAST CONC.INTER.UNITS	1,600.00	1,700.00	1,520.00	1,606.67
12.00	EACH	25' PRECAST CONC.INTER.UNITS	2,150.00	2,100.00	1,950.00	2,066.67
6.00	EACH	31' PRECAST CONC.INTER.UNITS	2,600.00	2,500.00	2,450.00	2,516.67
4.00	EACH	19' PRECAST PARAPET RAIL UNITS	2,300.00	2,450.00	2,250.00	2,333.33
4.00	EACH	25' PRECAST PARAPET RAIL UNITS	2,850.00	2,850.00	2,700.00	2,800.00
2.00	EACH	31' PRECAST PARAPET RAIL UNITS	3,450.00	3,300.00	3,250.00	3,333.33
9.20	GAL	CLASS 1 PROTECT.SURF.TREATMENT	37.00	30.00	25.00	30.67
6,320.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.75	0.70	0.75	0.73
1,500.00	LF	STEEL SHELL PILING (18")	53.90	50.00	50.00	51.30
180.00	LF	PILE ENCASEMENT	49.00	55.00	43.00	49.00
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	135.00	150.00	250.00	178.33
171.00	SOYD	FILTER BLANKET	2.15	2.60	1.60	2.12
267.00	CUYD	DUMPED RIPRAP	32.50	40.00	35.00	35.83
TOTAL AMOUNT BID FOR JOB			\$342,897.20	\$393,650.72	\$431,688.03	
TOTAL AMOUNT BID FOR BRIDGE			\$241,009.55	\$247,629.60	\$231,656.10	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04854	119.00	30.50	3,629.50	1A	1B
			A =	3,629.50	

1A 30.5' W x 119' L; Precast Concrete Channel Beam Spans (19'-25'-31'-25'-19') on Steel Shell File Trestle Bents

1B Br. #11268; 14.5' W x 94' L; Timber Deck on Steel Beams; Timber Substructure

OUT TO OUT COST (\$/SF)=	\$241,009.55 /A = \$ 66.40	* FHWA COST (\$/SF)=	\$227,564.40/A = \$ 62.70
LESS REMOVAL / TEMP. BR. (\$/SF)	= \$ 1.21	EXISTING BR. REMOVAL (\$/SF)	= \$3.23
NET COST (\$/SF)	= \$ 65.19	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS	

FUNC. CLASS - LOCAL

DESIGN SECTION - MEC

BRO-0037(20)

ANALYSIS OF BIDS
 JOB NO. BR3711 - FIELD BAYOU STR. & APPRS. (S)
 LETTING OF 03OCT2001

QUANTITY	UNIT	ITEM	PARADIGM CONST. & ENGRNG., INC	TIGUE CONST. CO., INC.	SOUTER CONSTRUCTION CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR.(SITE 1)	11,000.00	16,666.00	5,400.00	11,022.00
43.00	CUYD	CLASS S CONCRETE-BRIDGE	650.00	1,250.00	709.20	869.73
86.10	CUYD	CLASS S(AE) CONCRETE-BRIDGE	475.00	466.00	774.00	571.67
7.30	GAL	CLASS 1 PROTECT.SURF.TREATMENT	30.00	172.20	24.00	75.40
25,040.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.55	0.66	0.96	0.72
370.00	LF	CONC.PILING (14" SQUARE)	55.00	42.00	36.00	44.33
365.00	LF	CONC.PILING (18" SQUARE)	80.00	53.80	48.00	60.60
55.00	LF	TEST PILES (14" SQUARE)	85.00	58.80	168.00	103.93
60.00	LF	TEST PILES (18" SQUARE)	125.00	64.72	176.40	122.04
39,840.00	LB	STR.ST.BM.SPANS(M270-GR50W)	1.35	1.38	1.38	1.37
58.00	LF	PREFORMED JOINT SEAL	30.00	42.20	38.40	36.87
1.00	EACH	BRIDGE NAME PLATE (TYPE C)	150.00	305.50	180.00	211.83
365.00	SOYD	FILTER BLANKET	2.50	3.50	3.60	3.20
207.00	CUYD	DUMPED RIPRAP	42.00	60.00	52.80	51.60
TOTAL AMOUNT BID FOR JOB			\$465,635.48	\$514,832.38	\$556,132.71	
TOTAL AMOUNT BID FOR BRIDGE			\$220,844.00	\$242,046.06	\$247,044.60	

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
04852	107.30	27.17	2,915.04	1A	1B
		A =	2,915.04		

1A 105' Cont. Comp. W-Beam Unit; Concrete Trestle Pile Bents

1B Br. #14391; 19' wide X 106' long; Wood Plank Deck with Timber Stringers and Timber Piling

OUT TO OUT COST (\$/SF)=	\$220,844.00 /A = \$ 75.76	* FHWA COST (\$/SF)= \$200,237.50 /A = \$ 68.69
LESS REMOVAL / TEMP. BR. (\$/SF)	= \$ 3.77	EXISTING BR. REMOVAL (\$/SF) = \$ 5.46
NET COST (\$/SF)	= \$ 71.98	* DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS - MINOR COLLECTOR

DESIGN SECTION - JGT

STP-0032 (15)

ANALYSIS OF BIDS
 JOB NO. R50064 - HWY. 122-EAST (S)
 LETTING OF 03OCT2001

QUANTITY	UNIT	ITEM	WHITE RIVER MATERIAL S, INC.	FRANKS CONSTRUCTION, INC.	SOUTER CONSTRUCTION CO., INC.	AVG. OF LOW BIDS
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 1)	20,000.00	22,000.00	12,000.00	18,000.00
1.00	L.S.	REMV.EXIST.BR.STR. (SITE 2)	10,000.00	11,000.00	12,000.00	11,000.00
126.40	CUYD	CLASS S CONCRETE-BRIDGE	400.00	440.00	531.60	457.20
438.90	CUYD	CLASS S (AE) CONCRETE-BRIDGE	415.00	455.00	405.60	425.20
30.30	GAL	CLASS 1 PROTECT.SURF.TREATMENT	45.00	50.00	24.00	39.67
19,660.00	LB	REINF.STEEL-BRIDGE (GR 60)	0.50	0.55	0.62	0.56
87,280.00	LB	EPOXY COAT.REINF.STEEL-GR 60	0.55	0.60	0.78	0.64
1,170.00	LF	STEEL SHELL PILING (14")	45.00	50.00	48.00	47.67
600.00	LF	STEEL SHELL PILING (18")	60.00	66.50	56.40	60.97
810.00	LF	STEEL SHELL PILING (24")	80.00	88.50	82.80	83.77
220.00	LF	PREBORING	25.00	27.50	12.00	21.50
377.00	LF	PILE ENCASEMENT	85.00	94.50	43.20	74.23
183,180.00	LB	STR.ST.BM.SPANS (M270-GR50W)	1.00	1.10	1.01	1.04
2.00	EACH	BRIDGE NAME PLATE (TYPE C)	200.00	200.00	150.00	183.33
2,794.00	SQYD	FILTER BLANKET	3.00	3.50	3.60	3.37
1,461.00	CUYD	DUMPED RIPRAP	40.00	44.00	22.80	35.60

TOTAL AMOUNT BID FOR JOB \$6,820,811.74 \$7,802,981.08 \$7,829,719.81

TOTAL AMOUNT BID FOR BRIDGE \$763,298.00 \$840,734.00 \$754,882.28

BRIDGE ID	LENGTH	WIDTH	AREA (OUT-OUT)	NEW BRIDGE DESCRIPTION	EXISTING BRIDGE DESCRIPTION
06838	177.0	43.17	7,640.50	1A	1B
06839	107.0	43.17	4,618.83	1C	1D
A =			12,259.33		

1A 175' Integral W-Beam Unit; Steel Shell Pile Trestle Bents
 1C 107' Integral W-Beam Unit; Steel Shell Pile Trestle Bents

1B Br. #M1286; 26'1" W x 131' L; Precast Concrete Spans; Concrete Trestle Pile Bents
 1D Br. #M1283; 25'2" W x 50'1" L; Precast Concrete Spans; Concrete Trestle Pile Bents

OUT TO OUT COST (\$/SF)= \$763,298.00 /A = \$ 62.26 * FHWA COST (\$/SF)= \$666,476.00/A = \$ 54.36
 LESS REMOVAL / TEMP. BR. (\$/SF) = \$ 2.45 EXISTING BR. REMOVAL (\$/SF) = \$6.39

NET COST (\$/SF) = \$ 59.82 * DEDUCT REMOVAL, TEMP. BR., RIPRAP, & FILTER BLANKET COSTS

FUNC. CLASS - MIN. ART.

DESIGN SECTION - JGT