

ATTACHMENT R

Bid Analysis
 Rehabilitation of [REDACTED]
 Bridge No. [REDACTED]
 Bid Opening Date: September 21, [REDACTED]

SHA Contract No.: [REDACTED]
 FAP No.: [REDACTED]
 Co. Contract No.: 14-9899-C27122

Bid No. [REDACTED]
 Certified True and Correct: [REDACTED]

Item No.	Description	QTY	Unit	Engineer's Estimate		Building Systems, Inc.		ANALYSIS	
				Unit Price	Total Price	Unit Price	Total Price	Amount Different	Percent Different
1001	Type B Engineer's Office	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 19,990.00	\$ 19,990.00	\$ 9,990.00	99.90%
1002	Maintenance of Traffic	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 1,200.00	\$ 1,200.00	\$ (9,800.00)	-88.00%
1003	Temporary Traffic Signs Type III - retroreflective sheeting	570	SF	\$ 20.00	\$ 11,400.00	\$ 17.50	\$ 9,975.00	\$ (1,425.00)	-12.50%
1004	Type III Barricade for MOT	2	EA	\$ 300.00	\$ 600.00	\$ 300.00	\$ 600.00	\$ -	0.00%
1005	Construction Stakeout	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,588.00	\$ 1,588.00	\$ (3,412.00)	-68.24%
1006	Mobilization	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 36,600.00	\$ 36,600.00	\$ (3,400.00)	-8.50%
	Sub-Total Category 1				\$ 77,000.00		\$ 69,953.00	\$ (7,047.00)	-9.15%
2001	Class 1 Excavation	40	CY	\$ 30.00	\$ 1,200.00	\$ 75.00	\$ 3,000.00	\$ 1,800.00	150.00%
2002	Class 1-A Excavation - Contingent	25	CY	\$ 20.00	\$ 500.00	\$ 80.00	\$ 2,000.00	\$ 1,500.00	300.00%
2003	Select Borrow	25	CY	\$ 20.00	\$ 500.00	\$ 60.00	\$ 1,500.00	\$ 1,000.00	200.00%
	Sub-Total Category 2				\$ 2,200.00		\$ 6,500.00	\$ 4,300.00	195.45%
3001	Erosion & Sediment Control Original Excavation	50	CY	\$ 25.00	\$ 1,250.00	\$ 125.00	\$ 6,250.00	\$ 5,000.00	400.00%
3002	Erosion & Sediment Control Clean-Out Excavation	30	CY	\$ 25.00	\$ 750.00	\$ 75.00	\$ 2,250.00	\$ 1,500.00	200.00%
3003	Class II Riprap - slope, channl	65	SY	\$ 75.00	\$ 4,875.00	\$ 65.00	\$ 4,225.00	\$ (650.00)	-13.33%
3004	Super Silt Fence	275	LF	\$ 8.00	\$ 2,200.00	\$ 8.00	\$ 2,200.00	\$ -	0.00%
3005	Bottom cutoff wall - class II Riprap	90	LF	\$ 25.00	\$ 2,250.00	\$ 28.00	\$ 2,520.00	\$ 270.00	12.00%
3006	Side cutoff wall - class II Riprap	60	LF	\$ 25.00	\$ 1,500.00	\$ 28.00	\$ 1,680.00	\$ 180.00	12.00%
	Sub-Total Category 3				\$ 12,825.00		\$ 19,125.00	\$ 6,300.00	49.12%
4001	Maintenance of Stream Flow	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 49,750.00	\$ 49,750.00	\$ 44,750.00	895.00%
4002	Removal of Portion of Existing Bridge superstructure	1	LS	\$ 12,600.00	\$ 12,600.00	\$ 17,725.00	\$ 17,725.00	\$ 5,125.00	40.67%
4003	Structural Jacking	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 19,905.00	\$ 19,905.00	\$ (95.00)	-0.48%

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Bid No. 06-CP-52
 Certified True and Correct: [REDACTED]

Item No.	Description	QTY	Unit	Engineer's Estimate		Building Systems, Inc.		ANALYSIS	
				Unit Price	Total Price	Unit Price	Total Price	Amount Different	Percent Different
4004	Drilled holes in Ex. Masonry	65	LF	\$ 25.00	\$ 1,625.00	\$ 26.00	\$ 1,690.00	\$ 65.00	4.00%
4005	Substructure Conc for Bridge	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 12,015.00	\$ 12,015.00	\$ 7,015.00	140.30%
4006	Fabricated Structural Steel	1	LS	\$ 41,250.00	\$ 41,250.00	\$ 39,100.00	\$ 39,100.00	\$ (2,150.00)	-5.21%
4006A	Cont. Fabricated Stru. Steel	40	LB	\$ 18.00	\$ 720.00	\$ 9.50	\$ 380.00	\$ (340.00)	-47.22%
4007	Cleaning & Painting bridge	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 147,000.00	\$ 147,000.00	\$ (3,000.00)	-2.00%
4008	Traffic barrier on bridge	1	LS	\$ 16,250.00	\$ 16,250.00	\$ 36,750.00	\$ 36,750.00	\$ 20,500.00	126.15%
4009	Glue laminated timber deck	1	LS	\$ 62,500.00	\$ 62,500.00	\$ 58,629.00	\$ 58,629.00	\$ (3,871.00)	-6.19%
4010	Fab. Struc Steel - Truss Pins	1	LS	\$ 5,600.00	\$ 5,600.00	\$ 8,650.00	\$ 8,650.00	\$ 3,050.00	54.46%
4011	Dry Hydrant System	1	LS	\$ 5,200.00	\$ 5,200.00	\$ 12,375.00	\$ 12,375.00	\$ 7,175.00	137.98%
4012	Clean and Repoint Stone Masonry	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 98,600.00	\$ 98,600.00	\$ 95,100.00	2717.14%
4013	Cont. Substructure Concrete	20	CY	\$ 750.00	\$ 15,000.00	\$ 400.00	\$ 8,000.00	\$ (7,000.00)	-46.67%
4014	Cont. removal of portions of Existing Substructure	5	CY	\$ 500.00	\$ 2,500.00	\$ 65.00	\$ 325.00	\$ (2,175.00)	-87.00%
4015	Cont. cement stone rubble masonry	10	CY	\$ 1,500.00	\$ 15,000.00	\$ 1,600.00	\$ 16,000.00	\$ 1,000.00	6.67%
	Sub-Total Category 4				\$ 361,745.00		\$ 526,894.00	\$ 165,149.00	45.65%
5001	Hot mix Asphalt Superpave 12.5mm for Surface PG 64-22	15	TON	\$ 75.00	\$ 1,125.00	\$ 175.00	\$ 2,625.00	\$ 1,500.00	133.33%
5002	Hot Mix asphalt Superpave 19.0mm for Base PG 64-22 -	15	TON	\$ 75.00	\$ 1,125.00	\$ 160.00	\$ 2,400.00	\$ 1,275.00	113.33%
5003	4 Inch Graded Aggregate Base Course	100	SY	\$ 20.00	\$ 2,000.00	\$ 9.50	\$ 950.00	\$ (1,050.00)	-52.50%
	Sub-Total Category 5				\$ 4,250.00		\$ 5,975.00	\$ 1,725.00	40.59%
6001	Steel Tube Traffic Barrier	220	LF	\$ 45.00	\$ 9,900.00	\$ 193.50	\$ 42,570.00	\$ 32,670.00	330.00%
	Sub-Total Category 6				\$ 9,900.00		\$ 42,570.00	\$ 32,670.00	330.00%
7001	Placing Salvaged Topsoil 2 Inch Depth	750	SY	\$ 5.00	\$ 3,750.00	\$ 4.00	\$ 3,000.00	\$ (750.00)	-20.00%
7002	Temporary Seeding	10	LB	\$ 40.00	\$ 400.00	\$ 1.00	\$ 10.00	\$ (390.00)	-97.50%

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7003	Permanent Seeding	750	SY	\$ 3.00	\$ 2,250.00	\$ 1.50	\$ 1,125.00	\$ (1,125.00)	-50.00%
	Sub-Total Category 7				\$ 6,400.00		\$ 4,135.00	\$ (2,265.00)	-35.39%
TOTAL OF ALL BID ITEMS					\$ 474,320.00		\$ 675,152.00	\$ 200,832.00	42.34%