Schedule: A

Project No.: PRA-SHIL 502(1)

Project Name: SHILOH NATIONAL MILITARY PARK

State: TN Opened at: Sterling, VA
County: HARDIN By: J.Wilson
SHILOH NATIONAL MILITARY PARK Date: 03/05/02

I certify that this Bid Tabulation accurately reflects the bids received and publicly opened for this solicitation.

Signed: J. Wilson

Title: Highway Engineer Date: 03/05/2002

Contract Awarded to: _____ Date: _____

Contractor	Bid Amount	Responsive
R&G Construction Company	2,654,062.00	
1700 N. Graham Street		
Charlotte, NC 28206		
Bridge Builders, Inc.	2,799,702.00	
P.O. Box Brawer 820		
McMinnville, TN 37111		
Matsuda, LLC	3,517,000.00	
3201 Coral Ridge Road		
Brooks, KY 40109		
Engineer's Estimate	2,300,000.00	

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Project Name: SHILOH NATIONAL MILITARY PARK

BID ITEM CHECK PASS

Bidder	Item No.	Bidder's Extension	Computed Extension
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No extension errors in this Schedule.

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Project Name: SHILOH NATIONAL MILITARY PARK

BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
R&G Construction Company	2,653,972.00	2,654,062.00	***
Bridge Builders, Inc.	2,799,702.00	2,799,702.00	
Matsuda, LLC	3,517,000.00	3,517,000.00	

The apparent low bidder is 15 % above the engineer's estimate.

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	Mobilization			
	R&G Construction Compan	y	ALL	114,000.00	114,000.00
	Bridge Builders, Inc.	•		130,000.00	130,000.00
	Matsuda, LLC			286,847.00	286,847.00
	ENGINEER'S ESTIMATE			191,420.00	191,420.00
15201	LPSM	Construction survey and	staking		
	R&G Construction Compan	y	ALL	15,000.00	15,000.00
	Bridge Builders, Inc.	•		44,000.00	44,000.00
	Matsuda, LLC			125,000.00	125,000.00
	ENGINEER'S ESTIMATE			50,000.00	50,000.00
15401	LPSM	Contractor testing			
	R&G Construction Compan	y	ALL	19,000.00	19,000.00
	Bridge Builders, Inc.	•		44,000.00	44,000.00
	Matsuda, LLC			100,000.00	100,000.00
	ENGINEER'S ESTIMATE			50,000.00	50,000.00
15703	m	Silt fence			
	R&G Construction Compan	V	1900	9.00	17,100.00
	Bridge Builders, Inc.	•		8.00	15,200.00
	Matsuda, LLC			17.50	33,250.00
	ENGINEER'S ESTIMATE			10.00	19,000.00
15709	Each	Check dams			
	R&G Construction Compan	y	7	400.00	2,800.00
	Bridge Builders, Inc.			800.00	5,600.00
	Matsuda, LLC			500.00	3,500.00
	ENGINEER'S ESTIMATE			250.00	1,750.00
15716	Each	Inlet protection (Type B)		
	R&G Construction Compan	y	7	550.00	3,850.00
	Bridge Builders, Inc.	•		200.00	1,400.00
	Matsuda, LLC			500.00	3,500.00
	ENGINEER'S ESTIMATE			250.00	1,750.00
20101	ha	Clearing and grubbing			
	R&G Construction Compan	0 0 0	2.2	17,700.00	38,940.00
	Bridge Builders, Inc.	•		14,000.00	30,800.00
	Matsuda, LLC			10,000.00	22,000.00
	ENGINEER'S ESTIMATE			12,000.00	26,400.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20205	Each	Removal of individual stump	S		
	R&G Construction Company	7	15	200.00	3,000.00
	Bridge Builders, Inc.			480.00	7,200.00
	Matsuda, LLC			750.00	11,250.00
	ENGINEER'S ESTIMATE			500.00	7,500.00
20301B	Each	Removal of signs			
	R&G Construction Company		18	100.00	1,800.00
	Bridge Builders, Inc.			100.00	1,800.00
	Matsuda, LLC			300.00	5,400.00
	ENGINEER'S ESTIMATE			50.00	900.00
20301F	Each	Removal of inlets			
	R&G Construction Company	I	9	325.00	2,925.00
	Bridge Builders, Inc.			200.00	1,800.00
	Matsuda, LLC			700.00	6,300.00
	ENGINEER'S ESTIMATE			400.00	3,600.00
20301T	Each	Removal of wheelstops			
	R&G Construction Company	-	6	20.00	120.00
	Bridge Builders, Inc.			120.00	720.00
	Matsuda, LLC			50.00	300.00
	ENGINEER'S ESTIMATE			50.00	300.00
20302A	B m	Removal of structure and obs	struction (brick wall)		
	R&G Construction Company	7	5	325.00	1,625.00
	Bridge Builders, Inc.			250.00	1,250.00
	Matsuda, LLC			50.00	250.00
	ENGINEER'S ESTIMATE			25.00	125.00
20302H	m	Removal of pipe culverts			
	R&G Construction Company		300	50.00	15,000.00
	Bridge Builders, Inc.			42.00	12,600.00
	Matsuda, LLC			50.00	15,000.00
	ENGINEER'S ESTIMATE			26.00	7,800.00
20302R	B m	Removal of portland cement	concrete curb		
	R&G Construction Company	I	240	21.00	5,040.00
	Bridge Builders, Inc.			16.00	3,840.00
	Matsuda, LLC			30.00	7,200.00
	ENGINEER'S ESTIMATE			12.00	2,880.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20302S	B m	Removal of portland cen	nent concrete curb and gut	ter	
	R&G Construction Company	7	400	26.00	10,400.00
	Bridge Builders, Inc.			16.00	6,400.00
	Matsuda, LLC			30.00	12,000.00
	ENGINEER'S ESTIMATE			12.00	4,800.00
20302T	C m	Removal of timber whee	elstops (pulloff curbing)		
	R&G Construction Company		36	9.00	324.00
	Bridge Builders, Inc.			17.00	612.00
	Matsuda, LLC			40.00	1,440.00
	ENGINEER'S ESTIMATE			10.00	360.00
20302V	D m	Removal of rail fence (st	teel handrail)		
	R&G Construction Company	7	54	11.00	594.00
	Bridge Builders, Inc.			33.00	1,782.00
	Matsuda, LLC			40.00	2,160.00
	ENGINEER'S ESTIMATE			15.00	810.00
20303P	A m2	Removal of asphalt pave	ement		
	R&G Construction Company	7	3750	4.00	15,000.00
	Bridge Builders, Inc.			7.00	26,250.00
	Matsuda, LLC			5.00	18,750.00
	ENGINEER'S ESTIMATE			5.00	18,750.00
20303P	BN m2	Removal of portland cen	nent concrete pavement, 1:	50 mm depth	
	R&G Construction Company	7	13500	12.00	162,000.00
	Bridge Builders, Inc.			24.00	324,000.00
	Matsuda, LLC			34.00	459,000.00
	ENGINEER'S ESTIMATE			8.50	114,750.00
20303Q	B m2	Removal of portland cen	nent concrete sidewalk		
	R&G Construction Company	7	1100	12.00	13,200.00
	Bridge Builders, Inc.			15.00	16,500.00
	Matsuda, LLC			20.00	22,000.00
	ENGINEER'S ESTIMATE			10.00	11,000.00
20303Q	E m2	Removal of brick sidewa	alk		
	R&G Construction Company	7	100	12.00	1,200.00
	Bridge Builders, Inc.			15.00	1,500.00
	Matsuda, LLC			20.00	2,000.00
	ENGINEER'S ESTIMATE			8.00	800.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20304J	LPSM	Removal of bridge (Recor	nnoitering Road)		
	R&G Construction Company	ý	ALL	9,500.00	9,500.00
	Bridge Builders, Inc.			7,000.00	7,000.00
	Matsuda, LLC			5,000.00	5,000.00
	ENGINEER'S ESTIMATE			7,500.00	7,500.00
20306	Each	Plug existing pipe			
	R&G Construction Company	ý	5	200.00	1,000.00
	Bridge Builders, Inc.			440.00	2,200.00
	Matsuda, LLC			500.00	2,500.00
	ENGINEER'S ESTIMATE			350.00	1,750.00
20401	m3	Roadway excavation			
	R&G Construction Company		3300	20.00	66,000.00
	Bridge Builders, Inc.			7.50	24,750.00
	Matsuda, LLC			60.00	198,000.00
	ENGINEER'S ESTIMATE			22.00	72,600.00
20402	m3	Subexcavation			
	R&G Construction Company	y	250	36.00	9,000.00
	Bridge Builders, Inc.	•		12.00	3,000.00
	Matsuda, LLC			30.00	7,500.00
	ENGINEER'S ESTIMATE			22.00	5,500.00
20405	m3	Select borrow			
	R&G Construction Company	ý	100	28.00	2,800.00
	Bridge Builders, Inc.			52.00	5,200.00
	Matsuda, LLC			40.00	4,000.00
	ENGINEER'S ESTIMATE			30.00	3,000.00
20802	m3	Foundation fill			
	R&G Construction Company	y	150	37.00	5,550.00
	Bridge Builders, Inc.	•		30.00	4,500.00
	Matsuda, LLC			45.00	6,750.00
	ENGINEER'S ESTIMATE			28.00	4,200.00
21101	m2	Roadway obliteration			
	R&G Construction Company	•	8300	7.00	58,100.00
	Bridge Builders, Inc.			8.00	66,400.00
	Matsuda, LLC			1.50	12,450.00
	ENGINEER'S ESTIMATE			8.00	66,400.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
25101C	m3	Placed riprap, class 3			
	R&G Construction Company	 !	40	120.00	4,800.00
	Bridge Builders, Inc.			75.00	3,000.00
	Matsuda, LLC			40.00	1,600.00
	ENGINEER'S ESTIMATE			160.00	6,400.00
30101Z	t	Aggregate base, grading (C or D		
	R&G Construction Company	1	8000	22.00	176,000.00
	Bridge Builders, Inc.			14.00	112,000.00
	Matsuda, LLC			15.00	120,000.00
	ENGINEER'S ESTIMATE			24.00	192,000.00
30305B	m	Ditch reconditioning			
	R&G Construction Company	I	275	18.00	4,950.00
	Bridge Builders, Inc.			8.00	2,200.00
	Matsuda, LLC			10.00	2,750.00
	ENGINEER'S ESTIMATE			25.00	6,875.00
30502	m2	Aggregate-topsoil course	(variable depth-overlay	sections)	
	R&G Construction Company	I	2150	14.00	30,100.00
	Bridge Builders, Inc.			5.00	10,750.00
	Matsuda, LLC			4.00	8,600.00
	ENGINEER'S ESTIMATE			6.00	12,900.00
30502K	m2	Aggregate-topsoil course,	100 mm depth (overlay	sections)	
	R&G Construction Company	1	2200	15.00	33,000.00
	Bridge Builders, Inc.			5.00	11,000.00
	Matsuda, LLC			5.00	11,000.00
	ENGINEER'S ESTIMATE			6.00	13,200.00
40907A	B m2	AT-38 asphalt surface tre	atment		
	R&G Construction Company	I	250	5.00	1,250.00
	Bridge Builders, Inc.			19.00	4,750.00
	Matsuda, LLC			20.00	5,000.00
	ENGINEER'S ESTIMATE			7.00	1,750.00
41301F	m2	Asphalt pavement milling	s, 50 mm depth		
	R&G Construction Company	I	5600	3.00	16,800.00
	Bridge Builders, Inc.			5.00	28,000.00
	Matsuda, LLC			5.00	28,000.00
	ENGINEER'S ESTIMATE			10.00	56,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
41501	m2	Paving geotextile			
	R&G Construction Company	7	330	4.00	1,320.00
	Bridge Builders, Inc.			8.00	2,640.00
	Matsuda, LLC			10.00	3,300.00
	ENGINEER'S ESTIMATE			30.00	9,900.00
41801A	AD t	Superpave asphalt concr ESAL, type 4 pavement	ete pavement, 9.5mm non smoothness	ninal maximum size a	aggregate, <0.3
	R&G Construction Company	7	4000	80.00	320,000.00
	Bridge Builders, Inc.			53.00	212,000.00
	Matsuda, LLC			50.00	200,000.00
	ENGINEER'S ESTIMATE			65.00	260,000.00
41801B	A t	Superpave asphalt concr ESAL	ete pavement, 12.5mm no	minal maximum size	aggregate, <0.3
	R&G Construction Company	7	1100	80.00	88,000.00
	Bridge Builders, Inc.			42.40	46,640.00
	Matsuda, LLC			40.00	44,000.00
	ENGINEER'S ESTIMATE			65.00	71,500.00
41802A	A t	Superpave asphalt concr ESAL, wedge and level	ete pavement, 9.5mm non	ninal maximum size a	aggregate, <0.3
	R&G Construction Company	7	300	110.00	33,000.00
	Bridge Builders, Inc.			64.00	19,200.00
	Matsuda, LLC			60.00	18,000.00
	ENGINEER'S ESTIMATE			65.00	19,500.00
50101N	m2	Reinforced portland cem	ent concrete pavement, 1:	50 mm depth	
	R&G Construction Company	7	11000	86.00	946,000.00
	Bridge Builders, Inc.			98.00	1,078,000.00
	Matsuda, LLC			100.00	1,100,000.00
	ENGINEER'S ESTIMATE			50.00	550,000.00
50202	m	Sealing joints and cracks			
	R&G Construction Company	• •	7200	5.00	36,000.00
	Bridge Builders, Inc.			12.80	92,160.00
	•			10.00	
	Matsuda, LLC			10.00	72,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60201K	m	450 mm pipe culvert			
	R&G Construction Company	• •	180	90.00	16,200.00
	Bridge Builders, Inc.			105.00	18,900.00
	Matsuda, LLC			300.00	54,000.00
	ENGINEER'S ESTIMATE			100.00	18,000.00
60201M	I m	600 mm pipe culvert			
	R&G Construction Company		86	144.00	12,384.00
	Bridge Builders, Inc.			120.00	10,320.00
	Matsuda, LLC			350.00	30,100.00
	ENGINEER'S ESTIMATE			115.00	9,890.00
60205N	D m	4200 mm span, 1200 mm	rise precast reinforced	concrete box culvert (b	ottomless)
	R&G Construction Company		11	5,000.00	55,000.00
	Bridge Builders, Inc.			4,000.00	44,000.00
	Matsuda, LLC			4,000.00	44,000.00
	ENGINEER'S ESTIMATE			4,500.00	49,500.00
60214	Each	Box culvert wingwalls (st	one masonry finish)		
	R&G Construction Company	1	4	3,500.00	14,000.00
	Bridge Builders, Inc.			3,000.00	12,000.00
	Matsuda, LLC			8,000.00	32,000.00
	ENGINEER'S ESTIMATE			4,500.00	18,000.00
60403E	A Each	Inlet, type 5A			
	R&G Construction Company	1	4	1,500.00	6,000.00
	Bridge Builders, Inc.			1,100.00	4,400.00
	Matsuda, LLC			3,000.00	12,000.00
	ENGINEER'S ESTIMATE			2,600.00	10,400.00
60902V	m	Portland cement concrete	curb and gutter, 325 m	m depth	
	R&G Construction Company	I	220	80.00	17,600.00
	Bridge Builders, Inc.			50.00	11,000.00
	Matsuda, LLC			70.00	15,400.00
	ENGINEER'S ESTIMATE			50.00	11,000.00
60909A	Each	Wheelstop (concrete)			
	R&G Construction Company	<i>I</i>	6	60.00	360.00
	Bridge Builders, Inc.			300.00	1,800.00
	Matsuda, LLC			200.00	1,200.00
	Maisada, EEC				

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
61501A	m2	Asphalt concrete sidewa	lk		
	R&G Construction Compan	y	135	32.00	4,320.00
	Bridge Builders, Inc.			28.40	3,834.00
	Matsuda, LLC			35.00	4,725.00
	ENGINEER'S ESTIMATE			50.00	6,750.00
61501B	m2	Portland cement concret	e sidewalk		
	R&G Construction Compan	у	770	42.00	32,340.00
	Bridge Builders, Inc.	•		42.00	32,340.00
	Matsuda, LLC			60.00	46,200.00
	ENGINEER'S ESTIMATE			55.00	42,350.00
61501D	m2	Brick sidewalk			
	R&G Construction Compan	y	70	86.00	6,020.00
	Bridge Builders, Inc.			120.00	8,400.00
	Matsuda, LLC			150.00	10,500.00
	ENGINEER'S ESTIMATE			120.00	8,400.00
61502B	m2	Portland cement concret	e drive pad		
	R&G Construction Compan	у	10	120.00	1,200.00
	Bridge Builders, Inc.			60.00	600.00
	Matsuda, LLC			100.00	1,000.00
	ENGINEER'S ESTIMATE			55.00	550.00
61701H	m	Guardrail system SBTB			
	R&G Construction Compan	y	60	70.00	4,200.00
	Bridge Builders, Inc.			80.00	4,800.00
	Matsuda, LLC			200.00	12,000.00
	ENGINEER'S ESTIMATE			400.00	24,000.00
62007A	K Each	Stone masonry headwall	for 450 mm pipe culvert		
	R&G Construction Compan	у	17	1,200.00	20,400.00
	Bridge Builders, Inc.	,		2,400.00	40,800.00
	Matsuda, LLC			2,000.00	34,000.00
	ENGINEER'S ESTIMATE			2,500.00	42,500.00
62007A	M Each	Stone masonry headwall	for 600 mm pipe culvert		
	R&G Construction Compan	y	11	1,500.00	16,500.00
	Bridge Builders, Inc.			3,000.00	33,000.00
	Matsuda, LLC			2,000.00	22,000.00
	ENGINEER'S ESTIMATE			3,500.00	38,500.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62021	LPSM	Stone masonry (Visitor Cen	ter Porch)		
	R&G Construction Company	7	ALL	28,000.00	28,000.00
	Bridge Builders, Inc.			8,000.00	8,000.00
	Matsuda, LLC			15,000.00	15,000.00
	ENGINEER'S ESTIMATE			22,000.00	22,000.00
62401H	m2	Furnishing and placing tops	oil, 75 mm depth		
	R&G Construction Company	7	20000	3.50	70,000.00
	Bridge Builders, Inc.			3.00	60,000.00
	Matsuda, LLC			4.00	80,000.00
	ENGINEER'S ESTIMATE			0.80	16,000.00
62509	ha	Turf establishment			
	R&G Construction Company	7	2.0	6,000.00	12,000.00
	Bridge Builders, Inc.			5,000.00	10,000.00
	Matsuda, LLC			2,000.00	4,000.00
	ENGINEER'S ESTIMATE			5,000.00	10,000.00
62901B	m2	Erosion control mat type 2			
	R&G Construction Company	7	2000	4.50	9,000.00
	Bridge Builders, Inc.			4.00	8,000.00
	Matsuda, LLC			3.00	6,000.00
	ENGINEER'S ESTIMATE			3.00	6,000.00
63304C	C m2	Signs, aluminum panels, typ	e 3 sheeting		
	R&G Construction Company	7	7	140.00	980.00
	Bridge Builders, Inc.			200.00	1,400.00
	Matsuda, LLC			500.00	3,500.00
	ENGINEER'S ESTIMATE			500.00	3,500.00
63308A	Each	Removing and resetting sign	ı		
	R&G Construction Company	7	17	200.00	3,400.00
	Bridge Builders, Inc.			400.00	6,800.00
	Matsuda, LLC			250.00	4,250.00
	ENGINEER'S ESTIMATE			100.00	1,700.00
63401B	A m	Pavement markings, type B,	solid		
	R&G Construction Company	7	1060	3.00	3,180.00
	Bridge Builders, Inc.			15.00	15,900.00
	Matsuda, LLC			5.00	5,300.00
	ENGINEER'S ESTIMATE			2.00	2,120.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63402B	m2	Pavement markings, type	B, solid		
	R&G Construction Company	7	12	38.00	456.00
	Bridge Builders, Inc.			18.00	216.00
	Matsuda, LLC			50.00	600.00
	ENGINEER'S ESTIMATE			100.00	1,200.00
63505C	Each	Barricade, type 3			
	R&G Construction Company	7	24	190.00	4,560.00
	Bridge Builders, Inc.			200.00	4,800.00
	Matsuda, LLC			750.00	18,000.00
	ENGINEER'S ESTIMATE			250.00	6,000.00
63506A	Each	Cone, type A			
	R&G Construction Company	7	60	40.00	2,400.00
	Bridge Builders, Inc.			20.00	1,200.00
	Matsuda, LLC			50.00	3,000.00
	ENGINEER'S ESTIMATE			25.00	1,500.00
63507	m2	Construction sign			
	R&G Construction Company	7	39	70.00	2,730.00
	Bridge Builders, Inc.			140.00	5,460.00
	Matsuda, LLC			300.00	11,700.00
	ENGINEER'S ESTIMATE			120.00	4,680.00
63508B	Each	Drum, type B			
	R&G Construction Company	7	60	75.00	4,500.00
	Bridge Builders, Inc.			70.00	4,200.00
	Matsuda, LLC			200.00	12,000.00
	ENGINEER'S ESTIMATE			75.00	4,500.00
63509	Hour	Flagger			
	R&G Construction Company	7	240	12.20	2,928.00
	Bridge Builders, Inc.			12.20	2,928.00
	Matsuda, LLC			12.20	2,928.00
	ENGINEER'S ESTIMATE			12.25	2,940.00
63531	m	Temporary snow fence			_
	R&G Construction Company	7	500	18.00	9,000.00
	Bridge Builders, Inc.			12.00	6,000.00
	Matsuda, LLC			20.00	10,000.00
	ENGINEER'S ESTIMATE			11.00	5,500.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63701	Each	Field office			
	R&G Construction Compan	y	1	6,500.00	6,500.00
	Bridge Builders, Inc.	-		24,000.00	24,000.00
	Matsuda, LLC			30,000.00	30,000.00
	ENGINEER'S ESTIMATE			15,000.00	15,000.00
63705	LPSM	Long distance calls			
	R&G Construction Compan	y	ALL	1,000.00	1,000.00
	Bridge Builders, Inc.	-		1,000.00	1,000.00
	Matsuda, LLC			1,000.00	1,000.00
	ENGINEER'S ESTIMATE			750.00	750.00
64911	m	Handrail (wrought iron)			
	R&G Construction Compan	y	3	272.00	816.00
	Bridge Builders, Inc.			320.00	960.00
	Matsuda, LLC			1,000.00	3,000.00
	ENGINEER'S ESTIMATE			350.00	1,050.00