

# TABULATION OF BIDS

Schedule: A  
Project No.: PRA-SHEN 3E4  
Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

State: VA  
County: AUGUSTA & ALBEMARLE  
SHENANDOAH NATIONAL PARK, SKYLINE

Opened at: Sterling, VA  
By: J.Wilson  
Date: 12/05/00

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

Signed: JOHN WILSON

Title: HIGHWAY ENGINEER Date: December 7, 2001

Contract Awarded to: Espina Stone Company Date: February 14, 2001

Contractor	Bid Amount	Responsive
ESPINA STONE CO. 8550 LEE HIGHWAY, SUITE 725 FAIRFAX, VA 22031	5,051,567.00	
JEFFREY STACK, INC. T/A JSI PAVING 7817 LOISDALE ROAD SPRINGFIELD, VA 22150	5,920,449.00	
CHEMUNG CONTRACTING CORPORATION 2105 SOUTH BROADWAY PINE CITY, NY 14871	6,461,507.50	
Engineer's Estimate	4,100,000.00	

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BID ITEM CHECK PASS

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

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## BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
ESPINA STONE CO.	5,051,567.00	5,051,567.00	
JEFFREY STACK, INC. T/A JSI PAVING	5,920,449.00	5,920,449.00	
CHEMUNG CONTRACTING CORPORATION	6,461,507.50	6,461,507.50	

The apparent low bidder is 23 % above the engineer's estimate.

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	Mobilization			
		ESPINA STONE CO.	ALL	260,000.00	260,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		600,000.00	600,000.00
		CHEMUNG CONTRACTING CORPORATION		250,000.00	250,000.00
		ENGINEER'S ESTIMATE		189,665.00	189,665.00
15201	LPSM	Construction survey and staking			
		ESPINA STONE CO.	ALL	30,000.00	30,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		50,000.00	50,000.00
		CHEMUNG CONTRACTING CORPORATION		145,000.00	145,000.00
		ENGINEER'S ESTIMATE		30,000.00	30,000.00
15401	LPSM	Contractor testing			
		ESPINA STONE CO.	ALL	25,000.00	25,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		65,000.00	65,000.00
		CHEMUNG CONTRACTING CORPORATION		185,000.00	185,000.00
		ENGINEER'S ESTIMATE		20,000.00	20,000.00
15702	ha	Temporary turf establishment			
		ESPINA STONE CO.	1.0	4,500.00	4,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		8,000.00	8,000.00
		CHEMUNG CONTRACTING CORPORATION		4,000.00	4,000.00
		ENGINEER'S ESTIMATE		3,500.00	3,500.00
15703	m	Silt fence			
		ESPINA STONE CO.	3,680	6.00	22,080.00
		JEFFREY STACK, INC. T/A JSI PAVING		6.00	22,080.00
		CHEMUNG CONTRACTING CORPORATION		5.00	18,400.00
		ENGINEER'S ESTIMATE		6.00	22,080.00
15708A	Each	Bales, straw			
		ESPINA STONE CO.	180	3.25	585.00
		JEFFREY STACK, INC. T/A JSI PAVING		6.00	1,080.00
		CHEMUNG CONTRACTING CORPORATION		175.00	31,500.00
		ENGINEER'S ESTIMATE		7.00	1,260.00
15709	Each	Check dams			
		ESPINA STONE CO.	50	100.00	5,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		100.00	5,000.00
		CHEMUNG CONTRACTING CORPORATION		250.00	12,500.00
		ENGINEER'S ESTIMATE		100.00	5,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15710	Each	Sandbags			
		ESPINA STONE CO.	3,000	2.00	6,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		2.00	6,000.00
		CHEMUNG CONTRACTING CORPORATION		15.00	45,000.00
		ENGINEER'S ESTIMATE		4.60	13,800.00
15716	Each	Inlet protection			
		ESPINA STONE CO.	20	125.00	2,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		150.00	3,000.00
		CHEMUNG CONTRACTING CORPORATION		200.00	4,000.00
		ENGINEER'S ESTIMATE		145.00	2,900.00
20101	ha	Clearing and grubbing			
		ESPINA STONE CO.	1.0	10,000.00	10,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		15,000.00	15,000.00
		CHEMUNG CONTRACTING CORPORATION		25,000.00	25,000.00
		ENGINEER'S ESTIMATE		15,000.00	15,000.00
20204	m2	Removal of individual trees			
		ESPINA STONE CO.	3	900.00	2,700.00
		JEFFREY STACK, INC. T/A JSI PAVING		600.00	1,800.00
		CHEMUNG CONTRACTING CORPORATION		2,500.00	7,500.00
		ENGINEER'S ESTIMATE		850.00	2,550.00
20301B	Each	Removal of signs			
		ESPINA STONE CO.	20	35.00	700.00
		JEFFREY STACK, INC. T/A JSI PAVING		150.00	3,000.00
		CHEMUNG CONTRACTING CORPORATION		130.00	2,600.00
		ENGINEER'S ESTIMATE		70.00	1,400.00
20301E	Each	Removal of headwalls			
		ESPINA STONE CO.	47	500.00	23,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		550.00	25,850.00
		CHEMUNG CONTRACTING CORPORATION		1,000.00	47,000.00
		ENGINEER'S ESTIMATE		220.00	10,340.00
20301F	Each	Removal of inlets			
		ESPINA STONE CO.	45	500.00	22,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		600.00	27,000.00
		CHEMUNG CONTRACTING CORPORATION		1,000.00	45,000.00
		ENGINEER'S ESTIMATE		290.00	13,050.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20302H	m	Removal of pipe culverts			
		ESPINA STONE CO.	1,100	16.00	17,600.00
		JEFFREY STACK, INC. T/A JSI PAVING		35.00	38,500.00
		CHEMUNG CONTRACTING CORPORATION		23.00	25,300.00
		ENGINEER'S ESTIMATE		20.00	22,000.00
20302RD	m	Removal of stone curb			
		ESPINA STONE CO.	283	12.00	3,396.00
		JEFFREY STACK, INC. T/A JSI PAVING		18.00	5,094.00
		CHEMUNG CONTRACTING CORPORATION		8.00	2,264.00
		ENGINEER'S ESTIMATE		11.00	3,113.00
20302X	m	Removal of masonry guardwall			
		ESPINA STONE CO.	9	80.00	720.00
		JEFFREY STACK, INC. T/A JSI PAVING		65.00	585.00
		CHEMUNG CONTRACTING CORPORATION		40.00	360.00
		ENGINEER'S ESTIMATE		83.00	747.00
20303PA	m2	Removal of asphalt pavement			
		ESPINA STONE CO.	23,100	6.00	138,600.00
		JEFFREY STACK, INC. T/A JSI PAVING		5.00	115,500.00
		CHEMUNG CONTRACTING CORPORATION		3.50	80,850.00
		ENGINEER'S ESTIMATE		2.50	57,750.00
20303QA	m2	Removal of asphalt sidewalk			
		ESPINA STONE CO.	63	6.00	378.00
		JEFFREY STACK, INC. T/A JSI PAVING		5.00	315.00
		CHEMUNG CONTRACTING CORPORATION		5.00	315.00
		ENGINEER'S ESTIMATE		13.00	819.00
20303UD	m2	Removal of stone paved waterway			
		ESPINA STONE CO.	2,800	12.00	33,600.00
		JEFFREY STACK, INC. T/A JSI PAVING		9.00	25,200.00
		CHEMUNG CONTRACTING CORPORATION		12.50	35,000.00
		ENGINEER'S ESTIMATE		11.00	30,800.00
20401	m3	Roadway excavation			
		ESPINA STONE CO.	6,800	18.00	122,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		18.00	122,400.00
		CHEMUNG CONTRACTING CORPORATION		35.00	238,000.00
		ENGINEER'S ESTIMATE		8.00	54,400.00

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20409	m3	Embankment construction			
		ESPINA STONE CO.	8,300	17.00	141,100.00
		JEFFREY STACK, INC. T/A JSI PAVING		15.00	124,500.00
		CHEMUNG CONTRACTING CORPORATION		12.00	99,600.00
		ENGINEER'S ESTIMATE		8.50	70,550.00
20413	m3	Slope scaling			
		ESPINA STONE CO.	80	100.00	8,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		125.00	10,000.00
		CHEMUNG CONTRACTING CORPORATION		200.00	16,000.00
		ENGINEER'S ESTIMATE		80.00	6,400.00
20802	m3	Foundation fill			
		ESPINA STONE CO.	1,350	20.00	27,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		25.00	33,750.00
		CHEMUNG CONTRACTING CORPORATION		32.00	43,200.00
		ENGINEER'S ESTIMATE		18.00	24,300.00
25101C	m3	Placed riprap, class 3			
		ESPINA STONE CO.	110	85.00	9,350.00
		JEFFREY STACK, INC. T/A JSI PAVING		75.00	8,250.00
		CHEMUNG CONTRACTING CORPORATION		100.00	11,000.00
		ENGINEER'S ESTIMATE		70.00	7,700.00
25101D	m3	Placed riprap, class 4			
		ESPINA STONE CO.	90	85.00	7,650.00
		JEFFREY STACK, INC. T/A JSI PAVING		110.00	9,900.00
		CHEMUNG CONTRACTING CORPORATION		100.00	9,000.00
		ENGINEER'S ESTIMATE		80.00	7,200.00
26001	m2	Geogrid reinforcement			
		ESPINA STONE CO.	12,000	14.00	168,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		5.00	60,000.00
		CHEMUNG CONTRACTING CORPORATION		8.00	96,000.00
		ENGINEER'S ESTIMATE		5.00	60,000.00
30101Z	t	Aggregate base, grading C or D			
		ESPINA STONE CO.	11,000	20.00	220,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		20.00	220,000.00
		CHEMUNG CONTRACTING CORPORATION		28.00	308,000.00
		ENGINEER'S ESTIMATE		20.00	220,000.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
30104A	t	Subbase, grading A (No. 57)			
		ESPINA STONE CO.	2,300	19.75	45,425.00
		JEFFREY STACK, INC. T/A JSI PAVING		24.00	55,200.00
		CHEMUNG CONTRACTING CORPORATION		30.00	69,000.00
		ENGINEER'S ESTIMATE		21.00	48,300.00
30306C	km	Shoulder and ditch reconditioning			
		ESPINA STONE CO.	9	2,000.00	18,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		7,000.00	63,000.00
		CHEMUNG CONTRACTING CORPORATION		8,750.00	78,750.00
		ENGINEER'S ESTIMATE		2,000.00	18,000.00
30501	t	Aggregate-topsoil course			
		ESPINA STONE CO.	6,850	33.50	229,475.00
		JEFFREY STACK, INC. T/A JSI PAVING		27.00	184,950.00
		CHEMUNG CONTRACTING CORPORATION		50.00	342,500.00
		ENGINEER'S ESTIMATE		25.00	171,250.00
41301D	m2	Asphalt pavement milling, 40 mm depth			
		ESPINA STONE CO.	610	16.75	10,217.50
		JEFFREY STACK, INC. T/A JSI PAVING		12.00	7,320.00
		CHEMUNG CONTRACTING CORPORATION		10.00	6,100.00
		ENGINEER'S ESTIMATE		12.00	7,320.00
41501	m2	Paving geotextile			
		ESPINA STONE CO.	6,300	20.00	126,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		12.00	75,600.00
		CHEMUNG CONTRACTING CORPORATION		16.00	100,800.00
		ENGINEER'S ESTIMATE		6.50	40,950.00
41801AAD	t	Superpave asphalt concrete pavement, 9.5mm nominal maximum size aggregate, <=0.3 ESAL, type 4 pavement smoothness			
		ESPINA STONE CO.	9,720	54.15	526,338.00
		JEFFREY STACK, INC. T/A JSI PAVING		65.00	631,800.00
		CHEMUNG CONTRACTING CORPORATION		65.00	631,800.00
		ENGINEER'S ESTIMATE		55.00	534,600.00



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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
41801CA	t	Superpave asphalt concrete pavement, 19mm nominal maximum size aggregate, <=0.3 ESAL			
		ESPINA STONE CO.	3,840	62.50	240,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		75.00	288,000.00
		CHEMUNG CONTRACTING CORPORATION		60.00	230,400.00
		ENGINEER'S ESTIMATE		50.00	192,000.00
41802AA	t	Superpave asphalt concrete pavement, 9.5mm nominal maximum size aggregate, <=0.3 ESAL, wedge and leveling			
		ESPINA STONE CO.	2,230	50.90	113,507.00
		JEFFREY STACK, INC. T/A JSI PAVING		65.00	144,950.00
		CHEMUNG CONTRACTING CORPORATION		65.00	144,950.00
		ENGINEER'S ESTIMATE		55.00	122,650.00
50101Q	m2	Reinforced portland cement concrete pavement, 200 mm depth			
		ESPINA STONE CO.	125	80.00	10,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		85.00	10,625.00
		CHEMUNG CONTRACTING CORPORATION		80.00	10,000.00
		ENGINEER'S ESTIMATE		60.00	7,500.00
50101U	m2	Reinforced portland cement concrete pavement, 300 mm depth			
		ESPINA STONE CO.	40	85.00	3,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		95.00	3,800.00
		CHEMUNG CONTRACTING CORPORATION		110.00	4,400.00
		ENGINEER'S ESTIMATE		65.00	2,600.00
55202AM	m3	Structural concrete, class A (AE), for retaining wall (for building footings and planter)			
		ESPINA STONE CO.	33	400.00	13,200.00
		JEFFREY STACK, INC. T/A JSI PAVING		400.00	13,200.00
		CHEMUNG CONTRACTING CORPORATION		750.00	24,750.00
		ENGINEER'S ESTIMATE		900.00	29,700.00
60201K	m	450 mm pipe culvert			
		ESPINA STONE CO.	33	250.00	8,250.00
		JEFFREY STACK, INC. T/A JSI PAVING		170.00	5,610.00
		CHEMUNG CONTRACTING CORPORATION		125.00	4,125.00
		ENGINEER'S ESTIMATE		90.00	2,970.00

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Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60201M	m	600 mm pipe culvert			
		ESPINA STONE CO.	1,350	135.00	182,250.00
		JEFFREY STACK, INC. T/A JSI PAVING		180.00	243,000.00
		CHEMUNG CONTRACTING CORPORATION		160.00	216,000.00
		ENGINEER'S ESTIMATE		100.00	135,000.00
60201N	m	750 mm pipe culvert			
		ESPINA STONE CO.	120	175.00	21,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		210.00	25,200.00
		CHEMUNG CONTRACTING CORPORATION		215.00	25,800.00
		ENGINEER'S ESTIMATE		120.00	14,400.00
60201P	m	900 mm pipe culvert			
		ESPINA STONE CO.	105	250.00	26,250.00
		JEFFREY STACK, INC. T/A JSI PAVING		270.00	28,350.00
		CHEMUNG CONTRACTING CORPORATION		250.00	26,250.00
		ENGINEER'S ESTIMATE		150.00	15,750.00
60203J	m	375 mm equivalent diameter, arch or elliptical culvert pipe			
		ESPINA STONE CO.	3	80.00	240.00
		JEFFREY STACK, INC. T/A JSI PAVING		350.00	1,050.00
		CHEMUNG CONTRACTING CORPORATION		95.00	285.00
		ENGINEER'S ESTIMATE		65.00	195.00
60211GD	m	2100 mm span, 1200 mm rise reinforced concrete box culvert, single barrel			
		ESPINA STONE CO.	24	1,460.00	35,040.00
		JEFFREY STACK, INC. T/A JSI PAVING		2,500.00	60,000.00
		CHEMUNG CONTRACTING CORPORATION		1,280.00	30,720.00
		ENGINEER'S ESTIMATE		1,700.00	40,800.00
60403DA	Each	Inlet, type 4A			
		ESPINA STONE CO.	2	3,200.00	6,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		4,000.00	8,000.00
		CHEMUNG CONTRACTING CORPORATION		4,200.00	8,400.00
		ENGINEER'S ESTIMATE		2,500.00	5,000.00
60403DB	Each	Inlet, type 4B			
		ESPINA STONE CO.	47	3,100.00	145,700.00
		JEFFREY STACK, INC. T/A JSI PAVING		3,500.00	164,500.00
		CHEMUNG CONTRACTING CORPORATION		5,000.00	235,000.00
		ENGINEER'S ESTIMATE		2,500.00	117,500.00

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60403FA	Each	Inlet, type 6A			
		ESPINA STONE CO.	6	2,500.00	15,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		3,500.00	21,000.00
		CHEMUNG CONTRACTING CORPORATION		4,000.00	24,000.00
		ENGINEER'S ESTIMATE		2,700.00	16,200.00
60403FB	Each	Inlet, type 6B			
		ESPINA STONE CO.	4	2,700.00	10,800.00
		JEFFREY STACK, INC. T/A JSI PAVING		3,500.00	14,000.00
		CHEMUNG CONTRACTING CORPORATION		3,500.00	14,000.00
		ENGINEER'S ESTIMATE		2,700.00	10,800.00
60407	Each	Capping inlets and manholes			
		ESPINA STONE CO.	3	1,000.00	3,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		900.00	2,700.00
		CHEMUNG CONTRACTING CORPORATION		1,000.00	3,000.00
		ENGINEER'S ESTIMATE		850.00	2,550.00
60408	Each	Junction box			
		ESPINA STONE CO.	4	3,500.00	14,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		3,000.00	12,000.00
		CHEMUNG CONTRACTING CORPORATION		3,000.00	12,000.00
		ENGINEER'S ESTIMATE		2,680.00	10,720.00
60502	m	Standard underdrain system			
		ESPINA STONE CO.	1,700	20.00	34,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		30.00	51,000.00
		CHEMUNG CONTRACTING CORPORATION		35.00	59,500.00
		ENGINEER'S ESTIMATE		16.00	27,200.00
60504	m	Geocomposite pavement edge drain system			
		ESPINA STONE CO.	4,400	20.00	88,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		26.00	114,400.00
		CHEMUNG CONTRACTING CORPORATION		30.00	132,000.00
		ENGINEER'S ESTIMATE		7.50	33,000.00
60703	m	Cleaning culverts in place			
		ESPINA STONE CO.	350	28.00	9,800.00
		JEFFREY STACK, INC. T/A JSI PAVING		60.00	21,000.00
		CHEMUNG CONTRACTING CORPORATION		25.00	8,750.00
		ENGINEER'S ESTIMATE		44.00	15,400.00

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60705K	m	Lining 450 mm pipe culvert			
		ESPINA STONE CO.	300	350.00	105,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		400.00	120,000.00
		CHEMUNG CONTRACTING CORPORATION		110.00	33,000.00
		ENGINEER'S ESTIMATE		300.00	90,000.00
60705M	m	Lining 600 mm pipe culvert			
		ESPINA STONE CO.	441	400.00	176,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		450.00	198,450.00
		CHEMUNG CONTRACTING CORPORATION		125.00	55,125.00
		ENGINEER'S ESTIMATE		400.00	176,400.00
60801B	m2	Paved waterway, type 2			
		ESPINA STONE CO.	2,800	70.00	196,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		75.00	210,000.00
		CHEMUNG CONTRACTING CORPORATION		100.00	280,000.00
		ENGINEER'S ESTIMATE		40.00	112,000.00
60901X	m	Portland cement concrete curb, 400 mm depth			
		ESPINA STONE CO.	317	50.00	15,850.00
		JEFFREY STACK, INC. T/A JSI PAVING		65.00	20,605.00
		CHEMUNG CONTRACTING CORPORATION		50.00	15,850.00
		ENGINEER'S ESTIMATE		43.00	13,631.00
60901Y	m	Portland cement concrete curb, 450 mm depth			
		ESPINA STONE CO.	449	50.00	22,450.00
		JEFFREY STACK, INC. T/A JSI PAVING		65.00	29,185.00
		CHEMUNG CONTRACTING CORPORATION		65.00	29,185.00
		ENGINEER'S ESTIMATE		40.00	17,960.00
60903AX	m	Stone curb, type 1, 400 mm depth 50 mm depth			
		ESPINA STONE CO.	535	60.00	32,100.00
		JEFFREY STACK, INC. T/A JSI PAVING		100.00	53,500.00
		CHEMUNG CONTRACTING CORPORATION		80.00	42,800.00
		ENGINEER'S ESTIMATE		65.00	34,775.00
60909A	Each	Wheelstop (concrete)			
		ESPINA STONE CO.	17	100.00	1,700.00
		JEFFREY STACK, INC. T/A JSI PAVING		50.00	850.00
		CHEMUNG CONTRACTING CORPORATION		120.00	2,040.00
		ENGINEER'S ESTIMATE		50.00	850.00

## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
61215	Each	Manhole, sanitary sewer (Sewer Lift Station)			
		ESPINA STONE CO.	1	7,000.00	7,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		10,000.00	10,000.00
		CHEMUNG CONTRACTING CORPORATION		10,000.00	10,000.00
		ENGINEER'S ESTIMATE		11,000.00	11,000.00
61218	Each	Septic tank			
		ESPINA STONE CO.	1	6,500.00	6,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		9,000.00	9,000.00
		CHEMUNG CONTRACTING CORPORATION		90,000.00	90,000.00
		ENGINEER'S ESTIMATE		3,000.00	3,000.00
61401	m3	Lean concrete backfill			
		ESPINA STONE CO.	60	120.00	7,200.00
		JEFFREY STACK, INC. T/A JSI PAVING		250.00	15,000.00
		CHEMUNG CONTRACTING CORPORATION		255.00	15,300.00
		ENGINEER'S ESTIMATE		240.00	14,400.00
61501A	m2	Asphalt concrete sidewalk			
		ESPINA STONE CO.	100	49.00	4,900.00
		JEFFREY STACK, INC. T/A JSI PAVING		12.00	1,200.00
		CHEMUNG CONTRACTING CORPORATION		40.00	4,000.00
		ENGINEER'S ESTIMATE		20.00	2,000.00
61501B	m2	Portland cement concrete sidewalk			
		ESPINA STONE CO.	195	58.00	11,310.00
		JEFFREY STACK, INC. T/A JSI PAVING		30.00	5,850.00
		CHEMUNG CONTRACTING CORPORATION		8.00	1,560.00
		ENGINEER'S ESTIMATE		36.00	7,020.00
61701H	m	Guardrail system SBTB			
		ESPINA STONE CO.	2,700	185.00	499,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		185.00	499,500.00
		CHEMUNG CONTRACTING CORPORATION		250.00	675,000.00
		ENGINEER'S ESTIMATE		175.00	472,500.00
61901AD	m	Fence, woven wire type, 1350 mm height			
		ESPINA STONE CO.	610	40.00	24,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		40.00	24,400.00
		CHEMUNG CONTRACTING CORPORATION		14.00	8,540.00
		ENGINEER'S ESTIMATE		23.00	14,030.00

## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
61902BF	Each	Gate, metal type, 3600 mm width			
		ESPINA STONE CO.	2	2,500.00	5,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		1,000.00	2,000.00
		CHEMUNG CONTRACTING CORPORATION		1,800.00	3,600.00
		ENGINEER'S ESTIMATE		1,400.00	2,800.00
62001CE	m3	Rubble masonry, rock face finish			
		ESPINA STONE CO.	42	760.00	31,920.00
		JEFFREY STACK, INC. T/A JSI PAVING		800.00	33,600.00
		CHEMUNG CONTRACTING CORPORATION		700.00	29,400.00
		ENGINEER'S ESTIMATE		320.00	13,440.00
62002A	m	Stone masonry guardwall, type 1			
		ESPINA STONE CO.	230	250.00	57,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		400.00	92,000.00
		CHEMUNG CONTRACTING CORPORATION		650.00	149,500.00
		ENGINEER'S ESTIMATE		310.00	71,300.00
62002B	m	Stone masonry guardwall, type 2			
		ESPINA STONE CO.	9	245.00	2,205.00
		JEFFREY STACK, INC. T/A JSI PAVING		800.00	7,200.00
		CHEMUNG CONTRACTING CORPORATION		575.00	5,175.00
		ENGINEER'S ESTIMATE		400.00	3,600.00
62004	m	Repoint stone masonry			
		ESPINA STONE CO.	95	18.00	1,710.00
		JEFFREY STACK, INC. T/A JSI PAVING		30.00	2,850.00
		CHEMUNG CONTRACTING CORPORATION		70.00	6,650.00
		ENGINEER'S ESTIMATE		35.00	3,325.00
62007AM	Each	Stone masonry headwall for 600 mm pipe culvert			
		ESPINA STONE CO.	36	900.00	32,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		1,800.00	64,800.00
		CHEMUNG CONTRACTING CORPORATION		2,000.00	72,000.00
		ENGINEER'S ESTIMATE		850.00	30,600.00
62007AN	Each	Stone masonry headwall for 750 mm pipe culvert			
		ESPINA STONE CO.	4	985.00	3,940.00
		JEFFREY STACK, INC. T/A JSI PAVING		2,000.00	8,000.00
		CHEMUNG CONTRACTING CORPORATION		2,500.00	10,000.00
		ENGINEER'S ESTIMATE		900.00	3,600.00

## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62007AP	Each	Stone masonry headwall for 900 mm pipe culvert			
		ESPINA STONE CO.	5	1,400.00	7,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		3,000.00	15,000.00
		CHEMUNG CONTRACTING CORPORATION		3,000.00	15,000.00
		ENGINEER'S ESTIMATE		950.00	4,750.00
62201AD	Hour	Dump truck, 8-10 cubic yard capacity			
		ESPINA STONE CO.	50	65.00	3,250.00
		JEFFREY STACK, INC. T/A JSI PAVING		55.00	2,750.00
		CHEMUNG CONTRACTING CORPORATION		75.00	3,750.00
		ENGINEER'S ESTIMATE		45.00	2,250.00
62201B	Hour	Backhoe			
		ESPINA STONE CO.	50	50.00	2,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		75.00	3,750.00
		CHEMUNG CONTRACTING CORPORATION		80.00	4,000.00
		ENGINEER'S ESTIMATE		50.00	2,500.00
62201CC	Hour	Loader, wheel type, 2 cubic yard minimum capacity			
		ESPINA STONE CO.	50	55.00	2,750.00
		JEFFREY STACK, INC. T/A JSI PAVING		85.00	4,250.00
		CHEMUNG CONTRACTING CORPORATION		75.00	3,750.00
		ENGINEER'S ESTIMATE		45.00	2,250.00
62201J	Hour	Power broom			
		ESPINA STONE CO.	25	35.00	875.00
		JEFFREY STACK, INC. T/A JSI PAVING		100.00	2,500.00
		CHEMUNG CONTRACTING CORPORATION		60.00	1,500.00
		ENGINEER'S ESTIMATE		30.00	750.00
62201LA	Hour	Motor grader, with 2400 mm blade			
		ESPINA STONE CO.	25	75.00	1,875.00
		JEFFREY STACK, INC. T/A JSI PAVING		100.00	2,500.00
		CHEMUNG CONTRACTING CORPORATION		80.00	2,000.00
		ENGINEER'S ESTIMATE		50.00	1,250.00
62301	Hour	General labor			
		ESPINA STONE CO.	150	20.00	3,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		35.00	5,250.00
		CHEMUNG CONTRACTING CORPORATION		25.00	3,750.00
		ENGINEER'S ESTIMATE		16.00	2,400.00

## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62407	t	Furnishing and placing topsoil			
		ESPINA STONE CO.	270	36.00	9,720.00
		JEFFREY STACK, INC. T/A JSI PAVING		25.00	6,750.00
		CHEMUNG CONTRACTING CORPORATION		90.00	24,300.00
		ENGINEER'S ESTIMATE		40.00	10,800.00
62509	ha	Turf establishment			
		ESPINA STONE CO.	9.0	4,400.00	39,600.00
		JEFFREY STACK, INC. T/A JSI PAVING		6,250.00	56,250.00
		CHEMUNG CONTRACTING CORPORATION		6,000.00	54,000.00
		ENGINEER'S ESTIMATE		3,500.00	31,500.00
62601SICC	Each	Symphoricarpos orbiculatus, Coralberry, 600 mm - 750 mm height, container grown			
		ESPINA STONE CO.	60	50.00	3,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		75.00	4,500.00
		CHEMUNG CONTRACTING CORPORATION		135.00	8,100.00
		ENGINEER'S ESTIMATE		25.00	1,500.00
62701A	m2	Solid sod			
		ESPINA STONE CO.	460	8.00	3,680.00
		JEFFREY STACK, INC. T/A JSI PAVING		6.00	2,760.00
		CHEMUNG CONTRACTING CORPORATION		5.00	2,300.00
		ENGINEER'S ESTIMATE		7.00	3,220.00
62901A	m2	Erosion control mat type 1			
		ESPINA STONE CO.	3,700	4.00	14,800.00
		JEFFREY STACK, INC. T/A JSI PAVING		2.00	7,400.00
		CHEMUNG CONTRACTING CORPORATION		2.50	9,250.00
		ENGINEER'S ESTIMATE		3.00	11,100.00
62901E	m2	Erosion control mat type 5			
		ESPINA STONE CO.	900	11.00	9,900.00
		JEFFREY STACK, INC. T/A JSI PAVING		9.00	8,100.00
		CHEMUNG CONTRACTING CORPORATION		18.00	16,200.00
		ENGINEER'S ESTIMATE		6.00	5,400.00
62903	m2	Cellular confinement system			
		ESPINA STONE CO.	870	25.00	21,750.00
		JEFFREY STACK, INC. T/A JSI PAVING		15.00	13,050.00
		CHEMUNG CONTRACTING CORPORATION		20.00	17,400.00
		ENGINEER'S ESTIMATE		14.00	12,180.00



## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63304CE	m2	Signs, aluminum panels, type 5 sheeting			
		ESPINA STONE CO.	11	60.00	660.00
		JEFFREY STACK, INC. T/A JSI PAVING		400.00	4,400.00
		CHEMUNG CONTRACTING CORPORATION		70.00	770.00
		ENGINEER'S ESTIMATE		350.00	3,850.00
63308A	Each	Removing and resetting sign			
		ESPINA STONE CO.	25	80.00	2,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		150.00	3,750.00
		CHEMUNG CONTRACTING CORPORATION		375.00	9,375.00
		ENGINEER'S ESTIMATE		100.00	2,500.00
63308A	Each	Removing and resetting sign (bulletin board and roof structure)			
		ESPINA STONE CO.	1	750.00	750.00
		JEFFREY STACK, INC. T/A JSI PAVING		2,000.00	2,000.00
		CHEMUNG CONTRACTING CORPORATION		3,500.00	3,500.00
		ENGINEER'S ESTIMATE		1,000.00	1,000.00
63402H	m2	Pavement markings, type H			
		ESPINA STONE CO.	14	45.00	630.00
		JEFFREY STACK, INC. T/A JSI PAVING		60.00	840.00
		CHEMUNG CONTRACTING CORPORATION		55.00	770.00
		ENGINEER'S ESTIMATE		25.00	350.00
63404HA	km	Pavement markings, type H, solid			
		ESPINA STONE CO.	50.0	1,100.00	55,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		1,200.00	60,000.00
		CHEMUNG CONTRACTING CORPORATION		1,400.00	70,000.00
		ENGINEER'S ESTIMATE		1,300.00	65,000.00
63404HB	km	Pavement markings, type H, broken			
		ESPINA STONE CO.	4.1	325.00	1,332.50
		JEFFREY STACK, INC. T/A JSI PAVING		400.00	1,640.00
		CHEMUNG CONTRACTING CORPORATION		435.00	1,783.50
		ENGINEER'S ESTIMATE		400.00	1,640.00
63405D	Each	Raised pavement markers, type D			
		ESPINA STONE CO.	88	56.00	4,928.00
		JEFFREY STACK, INC. T/A JSI PAVING		70.00	6,160.00
		CHEMUNG CONTRACTING CORPORATION		75.00	6,600.00
		ENGINEER'S ESTIMATE		30.00	2,640.00

## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63505C	Each	Barricade, type 3			
		ESPINA STONE CO.	4	300.00	1,200.00
		JEFFREY STACK, INC. T/A JSI PAVING		300.00	1,200.00
		CHEMUNG CONTRACTING CORPORATION		155.00	620.00
		ENGINEER'S ESTIMATE		250.00	1,000.00
63506A	Each	Cone, type A			
		ESPINA STONE CO.	100	12.00	1,200.00
		JEFFREY STACK, INC. T/A JSI PAVING		25.00	2,500.00
		CHEMUNG CONTRACTING CORPORATION		45.00	4,500.00
		ENGINEER'S ESTIMATE		20.00	2,000.00
63507	m2	Construction sign			
		ESPINA STONE CO.	110	29.00	3,190.00
		JEFFREY STACK, INC. T/A JSI PAVING		237.00	26,070.00
		CHEMUNG CONTRACTING CORPORATION		250.00	27,500.00
		ENGINEER'S ESTIMATE		140.00	15,400.00
63508B	Each	Drum, type B			
		ESPINA STONE CO.	200	60.00	12,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		75.00	15,000.00
		CHEMUNG CONTRACTING CORPORATION		65.00	13,000.00
		ENGINEER'S ESTIMATE		58.00	11,600.00
63509	Hour	Flagger			
		ESPINA STONE CO.	3,500	18.75	65,625.00
		JEFFREY STACK, INC. T/A JSI PAVING		18.75	65,625.00
		CHEMUNG CONTRACTING CORPORATION		18.75	65,625.00
		ENGINEER'S ESTIMATE		13.00	45,500.00
63510	Hour	Pilot car			
		ESPINA STONE CO.	1,600	20.00	32,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		25.00	40,000.00
		CHEMUNG CONTRACTING CORPORATION		32.00	51,200.00
		ENGINEER'S ESTIMATE		16.00	25,600.00
63511	m	Temporary concrete barrier			
		ESPINA STONE CO.	277	100.00	27,700.00
		JEFFREY STACK, INC. T/A JSI PAVING		70.00	19,390.00
		CHEMUNG CONTRACTING CORPORATION		80.00	22,160.00
		ENGINEER'S ESTIMATE		80.00	22,160.00

## TABULATION OF BIDS

Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63512	m	Moving temporary concrete barrier			
		ESPINA STONE CO.	260	10.00	2,600.00
		JEFFREY STACK, INC. T/A JSI PAVING		40.00	10,400.00
		CHEMUNG CONTRACTING CORPORATION		60.00	15,600.00
		ENGINEER'S ESTIMATE		25.00	6,500.00
63515	km	Temporary pavement markings			
		ESPINA STONE CO.	28	300.00	8,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		500.00	14,000.00
		CHEMUNG CONTRACTING CORPORATION		1,400.00	39,200.00
		ENGINEER'S ESTIMATE		400.00	11,200.00
63521A	Each	Warning light, type A			
		ESPINA STONE CO.	30	250.00	7,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		30.00	900.00
		CHEMUNG CONTRACTING CORPORATION		75.00	2,250.00
		ENGINEER'S ESTIMATE		50.00	1,500.00
63521C	Each	Warning light, type C			
		ESPINA STONE CO.	170	45.00	7,650.00
		JEFFREY STACK, INC. T/A JSI PAVING		30.00	5,100.00
		CHEMUNG CONTRACTING CORPORATION		105.00	17,850.00
		ENGINEER'S ESTIMATE		40.00	6,800.00
63525	Each	Temporary crash cushion			
		ESPINA STONE CO.	2	3,500.00	7,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		10,000.00	20,000.00
		CHEMUNG CONTRACTING CORPORATION		2,000.00	4,000.00
		ENGINEER'S ESTIMATE		10,000.00	20,000.00
63528	LPSM	Temporary traffic signal system			
		ESPINA STONE CO.	ALL	35,000.00	35,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		30,000.00	30,000.00
		CHEMUNG CONTRACTING CORPORATION		20,000.00	20,000.00
		ENGINEER'S ESTIMATE		18,000.00	18,000.00
63531	m	Temporary snow fence			
		ESPINA STONE CO.	400	8.00	3,200.00
		JEFFREY STACK, INC. T/A JSI PAVING		15.00	6,000.00
		CHEMUNG CONTRACTING CORPORATION		10.00	4,000.00
		ENGINEER'S ESTIMATE		5.50	2,200.00

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Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63602	LPSM	Lighting installation			
	ESPINA STONE CO.		ALL	1,800.00	1,800.00
	JEFFREY STACK, INC. T/A JSI PAVING			20,000.00	20,000.00
	CHEMUNG CONTRACTING CORPORATION			10,000.00	10,000.00
	ENGINEER'S ESTIMATE			4,500.00	4,500.00
63602A	Each	Warning / Safety Light, permanent mount			
	ESPINA STONE CO.		3	800.00	2,400.00
	JEFFREY STACK, INC. T/A JSI PAVING			1,200.00	3,600.00
	CHEMUNG CONTRACTING CORPORATION			1,200.00	3,600.00
	ENGINEER'S ESTIMATE			700.00	2,100.00
63606EA	m	Conduit, 40 mm, PVC			
	ESPINA STONE CO.		700	26.00	18,200.00
	JEFFREY STACK, INC. T/A JSI PAVING			35.00	24,500.00
	CHEMUNG CONTRACTING CORPORATION			16.00	11,200.00
	ENGINEER'S ESTIMATE			22.00	15,400.00
63606GA	m	Conduit, 50 mm, PVC			
	ESPINA STONE CO.		50	27.00	1,350.00
	JEFFREY STACK, INC. T/A JSI PAVING			50.00	2,500.00
	CHEMUNG CONTRACTING CORPORATION			17.00	850.00
	ENGINEER'S ESTIMATE			27.00	1,350.00
63606LA	m	Conduit, 100 mm, PVC			
	ESPINA STONE CO.		1,350	45.00	60,750.00
	JEFFREY STACK, INC. T/A JSI PAVING			45.00	60,750.00
	CHEMUNG CONTRACTING CORPORATION			20.00	27,000.00
	ENGINEER'S ESTIMATE			40.00	54,000.00
63606MA	m	Conduit, 150 mm, PVC			
	ESPINA STONE CO.		7	45.00	315.00
	JEFFREY STACK, INC. T/A JSI PAVING			95.00	665.00
	CHEMUNG CONTRACTING CORPORATION			30.00	210.00
	ENGINEER'S ESTIMATE			65.00	455.00
63612	LPSM	Traffic detector system			
	ESPINA STONE CO.		ALL	6,000.00	6,000.00
	JEFFREY STACK, INC. T/A JSI PAVING			3,000.00	3,000.00
	CHEMUNG CONTRACTING CORPORATION			20,000.00	20,000.00
	ENGINEER'S ESTIMATE			4,500.00	4,500.00

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Date: 12/07/00

Schedule: A  
 Project No.: PRA-SHEN 3E4  
 Project Name: PRA-SHEN 3E4 SHENANDOAH NATIONAL PARK

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63614	Each	Junction box (electrical/telephone for Entrance Station)			
		ESPINA STONE CO.	40	100.00	4,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		1,000.00	40,000.00
		CHEMUNG CONTRACTING CORPORATION		750.00	30,000.00
		ENGINEER'S ESTIMATE		700.00	28,000.00
63701	Each	Field office			
		ESPINA STONE CO.	1	42,000.00	42,000.00
		JEFFREY STACK, INC. T/A JSI PAVING		20,000.00	20,000.00
		CHEMUNG CONTRACTING CORPORATION		40,000.00	40,000.00
		ENGINEER'S ESTIMATE		7,500.00	7,500.00
64909A	m	Ventilation duct 300 mm			
		ESPINA STONE CO.	9	500.00	4,500.00
		JEFFREY STACK, INC. T/A JSI PAVING		300.00	2,700.00
		CHEMUNG CONTRACTING CORPORATION		110.00	990.00
		ENGINEER'S ESTIMATE		180.00	1,620.00
64909B	m	Ventilation duct 350 mm			
		ESPINA STONE CO.	9	600.00	5,400.00
		JEFFREY STACK, INC. T/A JSI PAVING		300.00	2,700.00
		CHEMUNG CONTRACTING CORPORATION		115.00	1,035.00
		ENGINEER'S ESTIMATE		200.00	1,800.00
64909D	m	Ventilation duct 450 mm			
		ESPINA STONE CO.	13	650.00	8,450.00
		JEFFREY STACK, INC. T/A JSI PAVING		400.00	5,200.00
		CHEMUNG CONTRACTING CORPORATION		125.00	1,625.00
		ENGINEER'S ESTIMATE		275.00	3,575.00