PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date: September	er 11, 2007	{X} Consent { } Workshop		} Regular} Public Hearing
Department: Submitted By: Submitted For:	Engineering	3 & Public Works 3 Services Division		, rubiic Healing
Project #2008051				========
		CUTIVE BRIEF		
Motion and Title: Staff re	commends m	otion to Approve:		
A Contract not to exceed th Southeast Attenuators, Inc., Contract.	e total value o the lowest res	of \$465,000 for task sponsive, responsible	orders whice bidder for t	h may be issued to he Annual Guardrail
Summary:				•
The Annual Guardrail Contra products, removing and dis Small Business Enterprise (S The sole bidder, Southeast A	posing of "old BE) goals were	d" guardrail and/or e established at 15%	resetting of of the overa	existing guardrail. all contract amount.
District: Countywide (MR	RE)			
Background and Justifica	ation:			
Bids were received by the Bo Items within the bid take in sizes and adjustments for var Annual Guardrail contractor. prices for the proposed con contract will expire twelve m County's option, with the ap	to considerations of the consideration of the consideration of the construction of the contract of the contrac	on different geograp conditions. Southeas SBE participation in vary significantly fro ne BCC approval date	phic location t Attenuators the current om the curre	s, different project s, Inc. is the current contract. The unit ent contract. This
Attachments:				
 Contract Pages (C-1 and 0 Contracts (2) SBA Compliance Letter Bid Tabulation 	C-2)			
=======================================		=======================================		========
Recommended by:	M Charles Division Dire	Rich	8 / <i>ය /</i> Date	o7 July
Approved By:	J. W.	W	8/15/07	
•	county Engli	пеег	vate	

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years Capital Expenditures Operating Costs External Revenues Program Income (County) In-Kind Match (County) NET FISCAL IMPACT # ADDITIONAL FTE POSITIONS (Cumulative) Is Item Included in Current Budget Acct No.: Fund Program	Dept L	2008 0- 0- 0- 0- 0- Yes_ Jnit Ob	2009 -0- -0- -0- -0- -0- -0-	2010 -0- -0- -0- -0- -0- No	2011 -0- -0- -0- -0- -0-
B. Recommended Source	s of Funds/S	ummary of	Fiscal Impa	ect:	
This item has no in	mmediate f	iscal imp	pact.		
Road & Bridge Parks & Recreation Facilities Develop Airports Total Not To Exceed	ment & Ope	rations	\$400,000 \$ 35,000 \$ 20,000 \$ 10,000 \$465,000	/	

C.	Departmental Fiscal Review:	. RD Ward	ralalas
•	- Daharmental Librat KeAleM:	· 12 ~ and	812103

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

of the ristal allarol Contract Dev. and (Control Comments:
8.23.07 OFMBV QUINT	Contract Dev. and Control 2.9004 8/24/07
B. Approved as to Form and Legal Sufficiency: Market 8/30/07 Assistant County Attorney	This Contract complies with our contract review requirements.

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

I:\WP\AgendaPage2\Agnpgtwo2007\Annual Guardrail Contract.No Impact

Attachment 1

j		
-	<u>CONTRACT</u>	
	STATE OF FLORIDA)) SS COUNTY OF PALM BEACH)	
	This Contract, made this day of A.D. 20, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the County), and <u>Southeast Attenuators</u> , <u>Inc.</u> of <u>West Palm Beach</u> , <u>FL</u> and (his) (its) (their) heirs, successors, executors, administrators and assigns, (hereinafter called the Contractor):	
	WITNESSETH: The Contractor agrees with the County, for the consideration herein mentioned at his, its or their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, for the:	
	ANNUAL GUARDRAIL CONTRACT, PALM BEACH COUNTY PROJECT NO. 2008051	
	IN THE AMOUNTS specified in task orders which may be issued by the County under Section #23 and the other terms of the Contract Documents. The County is not required to issue any task orders hereunder. The maximum value of orders issued under this Contract shall not, in any case, exceed FOUR HUNDRED SIXTY FIVE THOUSAND DOLLARS (\$465,000) (except as may be increased according to Section #40 of the Contract Specifications).	
L	The Contract Documents relative hereto are made a part of this agreement as completely as if set forth herein to the satisfaction of the County or its duly authorized representative.	
Contract Con	The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within <u>seventy-two (72) hours</u> of the task order being issued for a specific project. After commencement of the work, it shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully complete within the time limit specified. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the Contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages and added expense for supportions.	

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an

expense for supervision.

excuse for delay in his work, or for its non-performance.

		•
ATTEST:		
SHARON R. BOCK, Clerk and Comptrol	ler	PALM BEACH COUNTY, a Political Subdivision of the State of Florida BOARD OF COUNTY COMMISSIONERS
By: Deputy Clerk		By: Addie L. Greene, Chairperson
Deputy Clerk		Addie L. Greene, Chairperson
APPROVED AS TO FORM AND LEGAL SUFFICIENCY		APPROVED AS TO TERMS AND CONDITIONS
COUNTY ATTORNEY		Charles Rich ENGINEERING
TTEST 1 2		Southeast Attenuators Inc (Corporate Name)
Consu Senlus		a <u>Florida</u> corporation (Insert state of corporation)
Halmen Sssistant TTLE		By: Slow Ricei (Signature)
ORPORATE SEAL)		Debra Ricci (Print signatory's name)

FROM : OSBA.

FAX NO. :5616166850

Jul. 12 2007 10:53AM P1



Office of Small Business Assistance

50 South Military Trall, Suite 209 West Palm Beach, Fr. 33415

(561) 616-6840

Fex: (561) 616-6850

www.pbcgov.com

Palm Beach County Board of County Commissioners

Addie L Greene, Chairperson

Jeff Koons, Vice Chair

Karen T. Marcus

Warren H. Newell

Mary McCarty

Furt Aaronson

Jess R. Santamaria

County Administrator

Robert Weisman

DATE:

July 12, 2007

TO:

Charles W. Rich, P.E., Director Engineering Services Division

THROUGH:

Allen Gray, Manager

Office of Small Business Assistance

FROM:

Tanoy Williams, Compliance Specialist

SUBJECT:

Compliance Review on Project No. 2008051

Annual Guardrail Contract

The following is a Compliance Review of SBE participation on the above-mentioned project.

Sole Bidder:

Southeast Attenuators, Inc.

Bid Opening:

June 26, 2007

Bid Amount:

\$307,121.00 15% Overall

Goal: Goal Achieved

0.00

¹SBE Participation:

EVALUATION

The Sole Bidder, Southeast Attenuators, Inc., has not met the SBE requirement for this project.

Verdenia Baker, Deputy County Administrator C: Hazel Oxendino, Director OSBA Tammy Fields, Assistant County Attorney

[&]quot;An Equal Opportunity Affirmative Action Employ

^{&#}x27; Could not calculate SBE participation because there was no Schedule 1 and Schedule 2 provided.

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

SOUTHEAST ATTENUATORS, INC.

ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
1 REMOVAL & DISPOSAL OF "OLD" GUARDRAIL 2 REMOVAL & DISPOSAL "OLD" GUARDRAIL, W/CONCRETE	100	LF	\$2.00	\$200.00
POSTS	<i>7</i> 5	LF	\$5.00	\$375.00
3 REMOVAL & DISPOSAL OF ANCHORAGE ASSEMBLIES	3	EA	\$200.00	\$600.00
4 REMOVAL & DISPOSAL OF SAFETY PIPE RAIL 5 REMOVE AND DELIVER USED GUARDRAIL TO ROAD &	20	LF	\$2.00	\$40.00
BRIDGE WAREHOUSE	40	LF	\$1.00	\$40.00
6 INSTALLATION OF USED GUARDRAIL	25	LF	\$4.00	\$100.00
7 RESET GUARDRAIL	50	LF	\$10.00	\$500.00
8 RESET ANCHORAGE ASSEMBLY, TYPE II	2	EA	\$100.00	\$200.00
9 RESET ANCHORAGE ASSEMBLY, TYPE MELT	2	EA.	\$100.00	\$200.00
10 RESET ANCHORAGE ASSEMBLY, TYPE LET	2	EA	\$500.00	\$1,000.00
11 RESET ANCHORAGE ASSEMBLY, TYPE ET 2000	2	EA	\$500.00	\$1,000.00
12 RESET ANCHORAGE ASSEMBLY, TYPE SKT-350	2	EA	\$100.00	\$200.00
13 RESET ANCHORAGE ASSEMBLY, TYPE FLEAT-350	2	EA	\$100.00	\$200.00
14 RESET ANCHORAGE ASSEMBLY, TYPE SRT-350	2	EA	\$100.00	\$200.00
15 RESET CRT ASSEMBLY	2	EA	\$100.00	\$200.00
FURNISH & INSTALL COMPLETE (SEE NOTE 2)			*****	*****
16 ANCHORAGE ASSEMBLY, TYPE II, CABLE ANCHOR OPTION 17 ANCHORAGE ASSEMBLY, TYPE II, CONCRETE ANCHOR	2	EA	\$675.00	\$1,350.00
BLOCK OPTION	2	EA	\$675.00	\$1,350.00
18 ANCHORAGE ASSEMBLY, TYPE MELT	2	EA	\$1,700.00	\$3,400.00
19 ANCHORAGE ASSEMBLY, TYPE LET	2	EA	\$2,700.00	\$5,400.00
20 ANCHORAGE ASSEMBLY, TYPE ET-2000	2	EA	\$2,700.00	\$5,400.00
21 ANCHORAGE ASSEMBLY, TYPE SKT-350	2	EA	\$2,500.00	\$5,000.00
22 ANCHORAGE ASSEMBLY, TYPE FLEAT-350	2	EA	\$2,500.00	\$5,000.00
23 ANCHORAGE ASSEMBLY, TYPE SRT-350	2	EA	\$2,750.00	\$5,500.00
24 ANCHOR PANEL, FOR TYPE II	2	EA	\$200.00	\$400.00
25 ANCHOR PANEL, FOR TYPE MELT	2	EA	\$200.00	\$400.00
26 ANCHOR PANEL, FOR TYPE LET	2	EA	\$200.00	\$400.00
27 ANCHOR PANEL, FOR TYPE ET-2000	2	EA	\$300.00	\$600.00
28 TYPE MELT BUFFERED END (W/DIAPHRAGMS)	2	EA	\$200.00	\$400.00
29 CABLE W/HARDWARE, FOR TYPE MELT	2	EA	\$50.00	\$100.00
30 TYPE ET-2000 EXTRUDER HEAD	2	EA	\$1,750.00	\$3,500.00
31 SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT	2	EA	\$250.00	\$500.00
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PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
32 BLOCK, CONCRETE, SPECIAL, AT BRIDGE	2	EA	\$500.00	\$1,000.00
33 BLOCK, OFFSET UTILITY (DOUBLE BLOCKING)	3	EA	\$15.00	\$45.00
34 BLOCK, WOOD, W/HARDWARE	40	EA	\$8.00	\$320.00
35 BLOCK, RECYCLED PLASTIC, W/GUARDRAIL BOLT	40	EA	\$18.00	\$720.00
36 END SECTION, BUFFER	2	EA	\$100.00	\$200.00
37 END SECTION, FLARED	2	EA	\$100.00	\$200.00
38 END SECTION, ROUNDED	2	EA	\$100.00	\$200.00
39 END SHOE, SPECIAL (BRIDGE ATTACHMENT PIECE)	. 2	EA	\$50.00	\$100.00
40 DRILL HOLES FOR END SHOE ATTACHMENT	3	EA	\$25.00	\$75.00
41 GUARDRAIL, STEEL BEAM, DOUBLE FACE	40	LF.	\$21.00	\$840.00
42 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO			·	
POST OR HARDWARE)	40	LF	\$18.00	\$720.00
43 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL, BLOCK &		•		
BOLT ONLY (NO POST)	40	LF	\$19.50	\$780.00
44 GUARDRAIL, STEEL BEAM, SHOP BENT PANEL ONLY (NO				
POST OR HARDWARE)	25	LF	\$14.00	\$350.00
45 GUARDRAIL, STEEL BEAM, SHOP BENT PANEL, BLOCK &				
BOLT ONLY (NO POST)	25	LF	\$16.00	\$400.00
46 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS UP THROUGH				
37' 6"	40	LF	\$21.00	\$840.00
47 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37' 7" - 62'			4	
6" ·	40	LF	\$21.00	\$840.00
48 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7" - 100'				
0"	40	LF	\$21.00	\$840.00
49 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1" -				
500' 0"	40	LF	\$21.00	\$840.00
50 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500'	40	LF	\$22.00	\$880.00
51 GUARDRAIL, STEEL BEAM, STRAIGHT, W/9' POSTS	25	LF	\$22.00	\$550.00
52 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS UP THROUGH				•
37' 6"	40	LF	\$22.00	\$880.00
53 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 37' 7" - 62'			•	
6"	40	LF	\$19.00	\$760.00
54 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7" -				•
100' 0"	40	LF	\$14.50	\$580.00
55 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" -				-
500' 0"	40	LF	\$11.00	\$440.00
			-	•

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
56 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OVER 500'	40	LF	\$11.00	\$440.00
57 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS	25	LF	\$14.00	\$350.00
58 5 DEGREE RADIUS SHOP BENT GUARDRAIL (61/4')	25	LF	\$22.00	\$550.00
59 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW	3	EA	\$100.00	\$300.00
60 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM	3	EA	\$100.00	\$300.00
61 TRANSITION PANEL, QUAD BEAM TO W BEAM, WIDE	3	EA	\$100.00	\$300.00
62 POST, GUARDRAIL, STEEL, STANDARD	20	EA	\$100.00	\$2,000.00
63 POST, GUARDRAIL, STEEL, 9'	3	EA	\$60.00	\$180.00
64				•
POST, GUARDRAIL, WOOD (TREATED TIMBER), STANDARD	20	EA	\$50.00	\$1,000.00
65 POST, GUARDRAIL, ENCASED, STEEL	2	EA	\$30.00	\$60.00
66 POST, GUARDRAIL, ENCASED, WOOD	2	EA	\$30.00	\$60.00
67 POST, GUARDRAIL, STEEL, SPECIAL, W/PLATE	2	EA	\$150.00	\$300.00
68 POST, GUARDRAIL, CRT	2	ĒΑ	\$100.00	\$200.00
69 RAIL, SAFETY PIPE, SPECIAL	35	LF	\$14.00	\$490.00
70 CONTROLLED RELEASE TERMINAL, 8' RADIUS	2	EA	\$1,500.00	\$3,000.00
71 CONTROLLED RELEASE TERMINAL, 16' RADIUS	2	EA	\$1,500.00	\$3,000.00
72 CONTROLLED RELEASE TERMINAL, 24' RADIUS	2	EA	\$1,100.00	\$2,200.00
73 CONTROLLED RELEASE TERMINAL, 32' RADIUS	1	EA	\$1,100.00	\$1,100.00
THRIE BEAM	****	****	*****	*****
74 THRIE BEAM TERMINAL CONNECTOR	2	EA	\$100.00	\$200.00
75 THRIE BEAM BRIDGE CONNECTOR COMPLETE (DETAIL J)	2	EA	\$200.00	\$400.00
76 12" x 12" x 1/4" BACK UP PLATE	2	EA	\$100.00	\$200.00
77 8" x 8" x %" FILLER PLATE	2	EA	\$75.00	\$150.00
78 21" x 21" x %" BACK UP PLATE	2	EA	\$100.00	\$200.00
79 THRIE RAIL COMPLETE (W/ POST, BLOCK & HARDWARE)	25	LF	\$70.00	\$1,750.00
80 THRIE RAIL (PANEL ONLY)	25	LF	\$30.00	\$750.00
81 6'-3" TRANSITION PANEL THRIE BEAM TO W-BEAM	2	EA	\$150.00	\$300.00
82 THRIE RAIL OFFSET BLOCK	2	EA	\$18.00	\$36.00
G-R-E-A-T SYSTEM - ADDITIONAL PARTS		***	*****	*****
83 G-R-E-A-T SYSTEM FENDER PANEL	2	EA	\$100.00	\$200.00
84 G-R-E-A-T SYSTEM TYPE 51 HEX-FOAM CARTRIDGE	2	EA	\$700.00	\$1,400.00
85 G-R-E-A-T SYSTEM DIAPHRAGM 24"	2	EA	\$300.00	\$600.00
86 G-R-E-A-T SYSTEM DIAPHRAGM 30"	2	EA	\$100.00	\$200.00
87 G-R-E-A-T SYSTEM DIAPHRAGM 36"	2	EA	\$100.00	\$200.00
88 G-R-E-A-T SYSTEM NOSE ASSEMBLY	2	EA	\$700.00	\$1,400.00

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

00	ITEM 9 G-R-E-A-T SYSTEM CONCRETE BACKUP WALL ASSEMBLY	QTY	UNITS	UNIT PRICE	AMOUNT
	G-R-E-A-T SYSTEM DEFLECTOR ASSEMBLY FOR	2	EA	\$10.00	\$20.00
01	BIDIRECTIONAL SYSTEM G-R-E-A-T SYSTEM TENSION STRUT BACKUP WALL	2	EA	\$10.00	\$20.00
	ASSEMBLY	2	EA	\$10.00	\$20.00
92	2 G-R-E-A-T SYSTEM WIDE FLANGE BACKUP WALL ASSEMBLY	2	EA	\$10.00	\$20.00
93	G-R-E-A-T SYSTEM CONCRETE BARRIER WALL BACKUP ASSEMBLY	ר	ΕΛ	·	
	QUADGUARD ENERGY ABSORBING SYSTEM	2	EA	\$10.00 *****	\$20.00 *****
94	QUADGUARD ENERGY ABSORBING SYS., (3 BAY) (ALL WIDTHS) (INCLUDES FOUNDATIONS)	1	EA	\$5,000.00	\$5,000.00
95	QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL BAY	_		42,000.00	75/000100
	(ALL WIDTHS) (INCLUDES ADDITIONAL FOUNDATION	1	EA	\$650.00	\$650.00
96	QUADGUARD ENERGY ABSORBING SYSTEM - BAY QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL			*****	*****
07	CARTRIDGES (TYPE I) QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL	2	EA	\$650.00	\$1,300.00
-	CARTRIDGES (TYPE II)	2	EA	\$650.00	\$1,300.00
98	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., CONCRETE 24"	2	EA	\$100.00	\$200.00
99	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., CONCRETE 30"	2	EA	•	
100	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,			\$100.00	\$200.00
101	CONCRETE 36" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$100.00	\$200.00
100	CONCRETE 69" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$100.00	\$200.00
	CONCRETE 90"	2	EA	\$100.00	\$200.00
103	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., TENSION STRUT 24"	2	EA	\$500.00	\$1,000.00
104	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., TENSION STRUT 30"			•	•
105	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$100.00	\$200.00
٠	TENSION STRUT 36"	2	EA	\$100.00	\$200.00

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

ITEM 106 QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	QTY	UNITS	UNIT PRICE	AMOUNT
TENSION STRUT 69"	2	EA	\$100.00	\$200.00
107 QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	_	_,	φ100.00	4200.00
TENSION STRUT 90"	2	EA	\$100.00	\$200.00
QUADGUARD ENERGY ABSORBING SYSTEM -				
PARTS FOR REPAIR OF DAMAGED QUADGUARD 108 QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLY,			*****	*****
24"/30"/36"	2	EA	#800 00	44 600 00
109 QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLY,	2	LA	\$800.00	\$1,600.00
69"/90" QG	2	EA	\$800.00	\$1,600.00
110 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 24"	2	EA	\$1,100.00	\$2,200.00
111 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 30"	2	EA	\$1,100.00	\$2,200.00
112 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 36"	2	EA	\$1,100.00	\$2,200.00
113 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM,			· •	
69"/90" (20 SIZES)	2	EA	\$100.00	\$200.00
114 QUADGUARD ENERGY ABSORBING SYS., FENDER PANEL ASSEMBLY, 24"/30"/36"	_			
115 QUADGUARD ENERGY ABSORBING SYS., FENDER PANEL	2	EA	\$700.00	\$1,400.00
ASSEMBLY, 69"/90"	2	EA	\$700.00	\$1,400.00
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PAR		LA	*****	*****
116 QUADGUARD ELITE FENDER PANEL	1	EA	\$700.00	\$700.00
117 QUADGUARD ELITE DAPHRAGM ASSEMBLY	1	EA	\$1,100.00	\$1,100.00
118 QUADGUARD ELITE NOSE BELT ASSEMBLY	1	EA	\$100.00	\$100.00
119 QUADGUARD ELITE CYLINDER CARTRIDGE	1	EA	\$200.00	\$200.00
FURNISH ONLY, DELIVERED (SEE NOTE 3)	2	- -	*****	*****
120 ANCHORAGE ASSEMBLY, TYPE II 121 ANCHORAGE ASSEMBLY, TYPE MELT	2 2	EA EA	\$175.00	\$350.00
122 ANCHORAGE ASSEMBLY, TYPE LET	2	EA	\$800.00 \$1,000.00	\$1,600.00 \$2,000.00
123 ANCHORAGE ASSEMBLY, TYPE ET-2000	2	EA	\$1,000.00 \$1,000.00	\$2,000.00 \$2,000.00
124 ANCHORAGE ASSEMBLY, TYPE SKT-350	2	EA	\$1,200.00	\$2,400.00
125 ANCHORAGE ASSEMBLY, TYPE FLEAT-350	2	EA	\$1,000.00	\$2,000.00
126 ANCHORAGE ASSEMBLY, TYPE SRT-350	2	EA	\$1,000.00	\$2,000.00
127 ANCHOR PANEL, FOR TYPE II	2	EA	\$200.00	\$400.00
128 ANCHOR PANEL, FOR TYPE MELT	2	EA	\$50.00	\$100.00
129 ANCHOR PANEL, FOR TYPE LET	2 2	EA EA	\$50.00 #100.00	\$100.00
130 ANCHOR PANEL, FOR TYPE ET-2000	2	EA	\$100.00	\$200.00

PROJECT NUMBER: 2008051

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ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
131 TYPE MELT BUFFERED END (W/DIAPHRAGMS)	2	EA	\$100.00	\$200.00
132 CABLE W/HARDWARE, FOR TYPE MELT	2	EA	\$100.00	\$200.00
133 TYPE ET-2000 EXTRUDER HEAD	2	EA	\$75.00	\$150.00
134 SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT	2	EA	\$100.00	\$200.00
135 BLOCK, WOOD, W/HARDWARE	10	EA	\$8.00	\$80.00
136 BLOCK, RECYCLED PLASTIC	10	EA	\$10.00	\$100.00
137 END SECTION, BUFFER	2	EA	\$50.00	\$100.00
138 END SECTION, FLARED	2	EA	\$50.00	\$100.00
139 END SECTION, ROUNDED	2	EA	\$75.00	\$150.00
140 END SHOE, SPECIAL (BRIDGE ATTACHMENT PIECE)	2	EA	\$10.00	\$20.00
141 GUARDRAIL, STEEL BEAM, STRAIGHT, INCL./HARDWARE	25	LF	\$6.00	\$150.00
142 GUARDRAIL, STEEL BEAM, SHOP BENT, INCL./HARDWARE	25	LF	\$9.00	\$225.00
143 5 DEGREE RADIUS SHOP BENT GUARDRAIL (61/41)	25	LF	\$10.00	\$250.00
144 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW	3	EA	\$10.00	\$30.00
145 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM	3	EA	\$10.00	\$30.00
146 TRANSITION PANEL, QUAD BEAM TO W BEAM, WIDE	3	ĒA	\$10.00	\$30.00
147 POST, GUARDRAIL, STEEL, STANDARD	.3	EA	\$40.00	\$120.00
148 POST, GUARDRAIL, STEEL, 9'	2	ΈA	\$45.00	\$90.00
149 POST, GUARDRAIL, CRT	2	EA	\$40.00	\$80.00
150			4 10.00	400.00
POST, GUARDRAIL, WOOD (TREATED TIMBER), STANDARD	3	EA	\$40.00	\$120.00
151 POST, GUARDRAIL, STEEL, SPECIAL, W/PLATE	2	EA	\$100.00	\$200.00
152 USED WOOD POSTS	10	EA	\$5.00	\$50.00
153 SAFETY PIPE RAIL, W/HARDWARE	15	LF	\$6.00	\$90.00
154 SAFETY PIPE RAIL END FIXTURE, W/HARDWARE	3	EA	\$5.00	\$15.00
155 SAFETY PIPE RAIL ANGLE BRACKETS, W/HARDWARE	10	EA	\$3.00	\$30.00
156 5/8" MODIFIED HEX NUT (RECESSED NUT)	10	EA	\$2.00	\$20.00
157 5/8" OVAL SHOULDER BUTTON HEAD BOLT (11/4")	15	EA	\$2.00	\$30.00
158 5/8" OVAL SHOULDER BUTTON HEAD BOLT (10")	15	EA	\$2.00	\$30.00
159 5/8" OVAL SHOULDER BUTTON HEAD BOLT (18")	10	EA	\$2.00	\$20.00
160 5/8" OVAL SHOULDER BUTTON HEAD BOLT (25")	10	EA	\$2.00	\$20.00
161 7/8" BRIDGE ATTACHMENT BOLT (12")	15	EA	\$5.00	\$75.00
162 7/8" BRIDGE ATTACHMENT BOLT (14")	15	EA	\$5.00	\$75.00
163 7/8" BRIDGE ATTACHMENT BOLT (16")	15	EA	\$5.00	\$75.00
164 7/8" BRIDGE ATTACHMENT BOLT (18")	10	EA	\$5.00	\$50.00
165 7/8" BRIDGE ATTACHMENT BOLT (20")	10	EA	\$5.00	\$50.00
		-	70.00	7

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
166 7/8" BRIDGE ATTACHMENT BOLT (22")	10	EA	\$6.00	\$60.00
167 7/8" BRIDGE ATTACHMENT BOLT (24")	10	EA	\$6.00	\$60.00
168 7/8" BRIDGE ATTACHMENT NUT	15	EA	\$1.00	\$15.00
169 7/8" BRIDGE ATTACHMENT WASHER	15	EA	\$1.00	\$15.00
170 7/8" BRIDGE ATTACHMENT BACKING PLATE	15	EA	\$1.00	\$15.00
THRIE BEAM	****	****	*****	*****
171 RAIL SPLICE, THRIE-BEAM	2	EA	\$10.00	\$20.00
172 THRIE BEAM TERMINAL CONNECTOR	2	EA	\$10.00	\$20.00
173 THRIE BEAM BRIDGE CONNECTOR COMPLETE (DETAIL J)	2	EA	\$100.00	\$200.00
174 12" x 12" x 1/4" BACK UP PLATE	2	EA	\$10.00	\$20.00
175 8" x 8" x 5%" FILLER PLATE - INSTALLED COMPLETE	2	EA	\$10.00	\$20.00
176 21" x 21" x 5/8" BACK UP PLATE - INSTALLED COMPLETE	2	EA	\$10.00	\$20.00
177 THRIE RAIL COMPLETE (W/ POST, BLOCK & HARDWARE)	25	LF	\$70.00	\$1,750.00
178 THRIE RAIL (PANEL ONLY)	25	LF	\$30.00	\$750.00
179 6'-3" TRANSITION PANEL THRIE BEAM TO W-BEAM	2	EA	\$150.00	\$300.00
180 THRIE RAIL OFFSET BLOCK	2 .	EA	\$15.00	\$30.00
QUADGUARD ENERGY ABSORBING SYSTEM			*****	*****
QUADGUARD ENERGY ABSORBING SYS., (3 BAY) (ALL				
181 WIDTHS)	1	EA	\$5,000.00	\$5,000.00
QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL BAY				
(ALL WIDTHS) (INCLUDES ADDITIONAL FOUNDATION				
182 REOUREMENTS)	.1	EA	\$1,000.00	\$1,000.00
QUADGUARD ENERGY ABSORBING SYSTEM - BAY				
REPLACEMENT PARTS			*****	*****
QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL				
183 CARTRIDGES (TYPE I)	2	EA	\$600.00	\$1,200.00
QUADGUARD ÈNERGÝ ABSORBING SYS., ADDITIONAL			•	• •
184 CARTRIDGES (TYPE II)	2	EA	\$600.00	\$1,200.00
QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,			•	
185 CONCRETE 24"	2	EA	\$100.00	\$200.00
QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,			•	•
186 CONCRETE 30"	2	EA	\$100.00	\$200.00
QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,			•	•
187 CONCRETE 36"	2	EA	\$100.00	\$200.00
QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,			•	•
188 CONCRETE 69"	2	EA	\$100.00	\$200.00
			•	•

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

	ITEM QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	QTY	UNITS	UNIT PRICE	AMOUNT
189	9 CONCRETE 90" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$100.00	\$200.00
190	TENSION STRUT 24" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$1,500.00	\$3,000.00
	I TENSION STRUT 30" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$1,500.00	\$3,000.00
	2 TENSION STRUT 36" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$1,500.00	\$3,000.00
	TENSION STRUT 69" QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY.,	2	EA	\$500.00	\$1,000.00
194	TENSION STRUT 90" QUADGUARD ENERGY ABSORBING SYSTEM - PARTS FO	2 O r rep	EA PAIR OF	\$500.00	\$1,000.00
195	DAMAGED QUADGUARD QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLY,			*****	*****
196	24"/30"/36" QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLY, 69"/90" OG	2	EA	\$600.00	\$1,200.00
407	•	2	EA	\$600.00	\$1,200.00
	QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 24"	2	EA	\$1,100.00	\$2,200.00
	QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 30"	2	EA	\$1,100.00	\$2,200.00
200	QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 36" QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM,	2	EA	\$100.00	\$200.00
201	69"/90" (20 SIZES) QUADGUARD ENERGY ABSORBING SYS., FENDER PANEL	2	EA	\$100.00	\$200.00
202	ASSEMBLY, 24"/30"/36" QUADGUARD ENERGY ABSORBING SYS., FENDER PANEL	2	EA	\$700.00	\$1,400.00
202	ASSEMBLY, 69"/90" QUADGUARD ELITE SYSTEM	2	EA	\$700.00 *****	\$1,400.00 *****
	QUADGUARD ELITE SYSTEM (7 BAY) - 69" WIDE INCL./ALL HARDWARE	1	EA	\$30,000.00	\$30,000.00
	QUADGUARD ELITE SYSTEM (7 BAY) - 90" WIDE INCL./ALL HARDWARE QUADGUARD ELITE SYSTEM (11 BAY) - 69" WIDE INCL./ALL	1	EA	\$34,000.00	\$34,000.00
200	HARDWARE	1	EA	\$40,000.00	\$40,000.00

PROJECT NUMBER: 2008051

BID OPENING DATE: JUNE 26, 2007 CONTRACT DAYS: 365 CALENDAR DAYS

SOUTHEAST ATTENUATORS, INC.

ITEM QTY UNITS U	NIT PRICE AMOUNT	
•	\$2,000.00 \$42,000.00	
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT	*****	
IARIO		
·	51,000.00 \$1,000.00	
208 QUADGUARD ELITE DIAPHRAGM ASSEMBLY 1 EA \$	51,000.00 \$1,000.00	
209 QUADGUARD ELITE NOSE BELT ASSEMBLY 1 EA \$	51,000.00 \$1,000.00	
210 QUADGUARD ELITE CYLINDER CARTRIDGE 1 EA \$	\$1,000.00 \$1,000.00	
TOTAL BASE BID ***** *****	****** \$307,121.00	K
CONTINGENCY ITEMS		
QUADGUARD ELITE SYSTEM - FURNISH AND INSTALL INCL.		
FOUNDATIONS (SEE NOTE 2)	*****	
211 QUADGUARD ELITE SYSTEM (7 BAY) - 69" WIDE INCL./ALL		
	,000.00 \$30,000.00	
212 QUADGUARD ELITE SYSTEM (7 BAY) - 90" WIDE INCL./ALL	+,	
	1,000.00 \$34,000.00	
213 QUADGUARD ELITE SYSTEM (11 BAY) - 69" WIDE INCL./ALL	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
), 000.00 \$40,000.00	
TO THE PARTY OF TH	3,000.00 \$40,000.00	
214 QUADGUARD ELITE SYSTEM (11 BAY) - 90" WIDE INCL./ALL	000000 +10000	
HARDWARE 1 EA \$42	2,000.00 \$42,000.00	
TOTAL CONTINGENCY ITEMS ***** *****		

^{*} DENOTES CORRECTED FIGURE

RECEIVED BY: CHARLES W. RICH, P.E.

RECORDED BY: JAYNE CANALE, TECHNICAL AIDE