

Agenda Item is over 50 pages and can
be viewed in the Minutes Department

Agenda Item #: 3-C-5

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: July 12, 2016

☒ Consent

☐ Regular

☐ Workshop

☐ Public Hearing

Department:

Submitted By: Engineering & Public Works

Submitted For: Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: an Annual Guardrail Contract (Contract), Project No. 2016050, with Southeast Attenuators, Inc. (SAI), in an amount not to exceed the total value of \$300,000, for task orders for guardrail maintenance and replacement.

SUMMARY: Approval of this Contract will facilitate the furnishing and installation of guardrail, furnishing of guardrail products, removal and disposal of "old" guardrail, and/or the resetting of existing guardrail. The small business enterprise (SBE) goal for the Contract is 15%. The SBE participation committed for the project by SAI is 100% overall. SAI is a Palm Beach County based company.

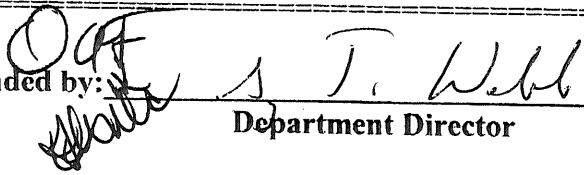
Countywide (MRE)

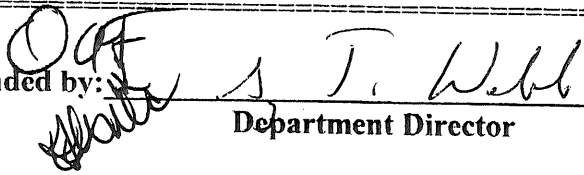
Background and Justification: Bids for the project were received by the Engineering Department on May 3, 2016. SAI is the current annual guardrail contractor. The Office of Small Business Assistance issued its compliance review on May 24, 2016. This Contract is for 12 months, with the possibility of an extension for up to a total of 36 months, with the approval of the Board of County Commissioners.

Attachments:

1. Contract (3)
2. Contract Pages C-1 and C-2
3. SBE Compliance Review
4. Bid Tabulation

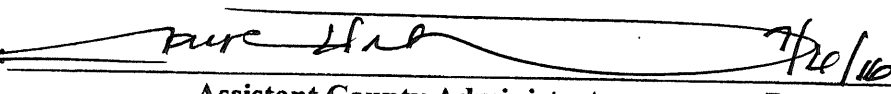
Recommended by:

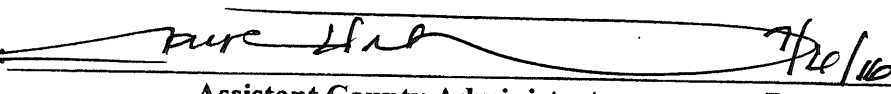

Department Director


Date

6/21/16

Approved By:


Assistant County Administrator


Date

7/20/16

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2016	2017	2018	2019	2020
Capital Expenditures	\$ -0-	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$ **	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Acct No.: Fund__ Dept.__ Unit__ Object
Program

Recommended Sources of Funds/Summary of Fiscal Impact:

User Dept/Division	Budget Amounts
Water Utilities	\$ 5,000
Engineering	\$ 250,000
Parks & Recreation	\$ 25,000
Fire Rescue	\$ 10,000
Airports	\$ 10,000
Total	\$ 300,000

Allocations to the various departments are a not to exceed amount and can be expended from various lines for various projects where budget is available. Work will be performed on a task order basis. **Total fiscal impact will not exceed \$300,000.

C. Departmental Fiscal Review: . Alii Kovalainen

III. REVIEW COMMENTS

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

John H. 6/22/16
6/21 OFMB ET 6/21 gr 6/22

Dr. J. Jacobson 6/28/16
Contract Dev. and Control
6/28/16

B. Approved as to Form
and Legal Sufficiency:

Mark R. 6/22/16
Assistant County Attorney

C. Other Department Review:

Department Director

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

ANNUAL CONTRACT

STATE OF FLORIDA)

) SS

COUNTY OF PALM BEACH)

This Contract, made this ____ day of _____, A.D. 2016, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter "County"), and _____, Florida, and their heirs, executors, administrators and assigns, (hereinafter "Contractor"):

WITNESSETH: The Contractor agrees with the County, for the consideration herein mentioned at 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 PROJECT NO. 2016050

IN THE AMOUNTS specified in work orders which may be issued by the County. The County is not required to issue any work orders hereunder. The total value of work orders issued under this Contract shall not exceed Three Hundred Thousand Dollars (\$300,000.00), except as may be increased according to Section 9-11 of the Contract Specifications.

The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within five (5) working days of the work order being issued for a specific project. After commencement of the work, the work order shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully complete within the time limit specified in the work order. Should the time limit for completion of the work order exceed the expiration date of the contract, the work order work will continue to completion and the Contractor shall ensure that Bonding and Insurance coverage do not expire until all work orders issued prior to the expiration of this Contract are complete and accepted. 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 supervision.

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

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. BOCK,
Clerk & Comptroller

PALM BEACH COUNTY, FLORIDA, a
Political Subdivision of the
State of Florida

BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Mary Lou Berger, Mayor

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

* Orlando A. Fernandez
APPROVED AS TO TERMS
AND CONDITIONS

M. Reynolds
(witness signature)

Southwest Attenuators, Inc.
(Corporate Name)

Megan Reynolds
(witness name printed)

a Florida corporation
(insert state of incorporation)

Connie Sinkus
(witness signature)

By Debra Ricci
(signature)

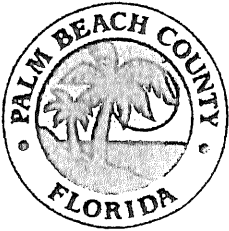
Connie Sinkus
(witness name printed)

Debra Ricci
(print signatory's name)

Its President
(print title)

6/8/16
(date)

(Corporate Seal)



Office of
Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.phcgov.com/osba



**Palm Beach County
Board of County
Commissioners**

Mary Lou Berger, Mayor
Hal R. Valeche, Vice Mayor

Paulette Burdick

Shelley Vana

Steven L. Abrams

Melissa McKinlay

Priscilla A. Taylor

County Administrator

Veronica C. Baker

An Equal Opportunity
Affirmative Action Employer

DATE: May 24, 2016

TO: Holly B. Knight, P.E., Contracts Section Manager
Roadway Production Division

FROM: Allen F. Gray, Manager *A. Gray*
Office of Small Business Assistance

SUBJECT: Compliance Review on Project No. 2016050
Annual Guardrail Contract

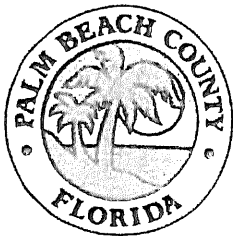
The following is a Compliance Review of SBE participation
on the above-mentioned project.

Low Bidder: Southeast Attenuators, Inc.
7760 Hooper Road
West Palm Beach, FL 33411
Phone: 561-792-0040
Bid Opening: April 26, 2016
Bid Amount: \$556,198.75
Goal: 15% Overall
Goal Achieved: 100%
SBE Participation:

(WB) Southeast Attenuator \$ 556,198.75 100%

2nd Low Bidder: DBI Services, LLC
100 North Conahan Drive
Hazelton, PA 18201
Phone: 570-459-1112
Bid Amount: \$789,167.98
Goal: 15% Overall
Goal Achieved: 0%
SBE Participation:

(WB) Southeast Attenuator



Page 2.

EVALUATION:

The low bidder, Southeast Attenuator, Inc., has met the SBE goal for this project.

c: Helene Hvizd, Senior Assistant County Attorney

· Schedule 2 not signed by SBE subcontractor.

BID PROPOSAL: ANNUAL GUARDRAIL CONTRACT - PALM BEACH COUNTY
PROJECT #2016050

Engineer's		BID AVERAGE		Southeast Attenuators, Inc.		DBI SERVICES, LLC					
Cost											
Estimate											
	UNIT PRICE		UNIT PRICE	TOTAL		UNIT PRICE	TOTAL				
\$	850.00	\$	825.00	\$	750.00	\$	3,750.00	\$	900.00	\$	4,500.00
\$	500.00	\$	500.00	\$	500.00	\$	5,000.00	\$	500.00	\$	5,000.00
\$	250.00	\$	250.00	\$	250.00	\$	3,000.00	\$	250.00	\$	3,000.00
\$	2.16	\$	1.38	\$	0.50	\$	4,500.00	\$	2.25	\$	20,250.00
\$	5.40	\$	2.75	\$	1.00	\$	20.00	\$	4.50	\$	90.00
\$	10.80	\$	25.00	\$	25.00	\$	1,875.00	\$	25.00	\$	1,875.00
\$	1.08	\$	2.63	\$	0.25	\$	87.50	\$	5.00	\$	1,750.00
\$	4.00	\$	3.50	\$	2.00	\$	150.00	\$	5.00	\$	375.00
\$	7.56	\$	10.50	\$	11.00	\$	275.00	\$	10.00	\$	250.00
\$	6.48	\$	8.25	\$	4.50	\$	56,250.00	\$	12.00	\$	150,000.00
\$	425.00	\$	397.50	\$	550.00	\$	550.00	\$	245.00	\$	245.00
\$	10.80	\$	17.50	\$	10.00	\$	50.00	\$	25.00	\$	125.00
\$	9.72	\$	10.00	\$	12.00	\$	300.00	\$	8.00	\$	200.00
\$	378.00	\$	285.00	\$	550.00	\$	1,100.00	\$	20.00	\$	40.00
\$	1,080.00	\$	1,149.00	\$	1,600.00	\$	3,200.00	\$	698.00	\$	1,396.00
\$	2,808.00	\$	950.00	\$	200.00	\$	1,400.00	\$	1,700.00	\$	11,900.00
\$	2,808.00	\$	1,200.00	\$	200.00	\$	1,600.00	\$	2,200.00	\$	17,600.00
\$	2,808.00	\$	2,850.00	\$	3,500.00	\$	10,500.00	\$	2,200.00	\$	6,600.00
\$	2,808.00	\$	2,850.00	\$	3,500.00	\$	17,500.00	\$	2,200.00	\$	11,000.00
\$	216.00	\$	162.50	\$	150.00	\$	1,200.00	\$	175.00	\$	1,400.00
\$	216.00	\$	100.00	\$	25.00	\$	100.00	\$	175.00	\$	700.00
\$	216.00	\$	162.50	\$	25.00	\$	50.00	\$	300.00	\$	600.00
\$	216.00	\$	275.00	\$	300.00	\$	3,600.00	\$	250.00	\$	3,000.00
\$	216.00	\$	117.50	\$	10.00	\$	40.00	\$	225.00	\$	900.00
\$	54.00	\$	128.75	\$	7.50	\$	22.50	\$	250.00	\$	750.00
\$	1,080.00	\$	1,100.00	\$	1,250.00	\$	10,000.00	\$	950.00	\$	7,600.00
\$	216.00	\$	125.00	\$	75.00	\$	1,125.00	\$	175.00	\$	2,625.00
\$	1.08	\$	178.92	\$	2.50	\$	5.00	\$	355.33	\$	710.66
\$	54.00	\$	18.50	\$	10.00	\$	50.00	\$	27.00	\$	135.00
\$	16.20	\$	14.50	\$	15.00	\$	3,000.00	\$	14.00	\$	2,800.00
\$	16.20	\$	19.75	\$	25.00	\$	1,750.00	\$	14.50	\$	1,015.00
\$	216.00	\$	237.50	\$	300.00	\$	900.00	\$	175.00	\$	525.00
\$	108.00	\$	57.50	\$	40.00	\$	400.00	\$	75.00	\$	750.00
\$	200.00	\$	820.00	\$	40.00	\$	400.00	\$	1,600.00	\$	16,000.00
\$	200.00	\$	795.00	\$	40.00	\$	400.00	\$	1,550.00	\$	15,500.00
\$	37.80	\$	40.00	\$	40.00	\$	1,600.00	\$	40.00	\$	1,600.00
\$	108.00	\$	55.00	\$	25.00	\$	100.00	\$	85.00	\$	340.00
\$	16.20	\$	5.75	\$	1.50	\$	150.00	\$	10.00	\$	1,000.00

BID PROPOSAL: ANNUAL GUARDRAIL CONTRACT - PALM BEACH COUNTY
PROJECT #2016050

Engineer's		BID AVERAGE		Southeast Attenuators, Inc.		DBI SERVICES, LLC	
Cost							
Estimate							
	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
\$ 16.20	\$ 16.75	\$ 8.50	\$ 212.50	\$ 25.00	\$ 625.00		
\$ 19.44	\$ 12.00	\$ 12.00	\$ 27,000.00	\$ 12.00	\$ 27,000.00		
\$ 21.60	\$ 14.00	\$ 9.00	\$ 1,800.00	\$ 19.00	\$ 3,800.00		
\$ 22.68	\$ 21.75	\$ 19.50	\$ 24,375.00	\$ 24.00	\$ 30,000.00		
\$ 22.68	\$ 21.00	\$ 20.00	\$ 16,000.00	\$ 22.00	\$ 17,600.00		
\$ 21.60	\$ 21.00	\$ 21.00	\$ 11,550.00	\$ 21.00	\$ 11,550.00		
\$ 21.60	\$ 21.50	\$ 21.00	\$ 13,650.00	\$ 22.00	\$ 14,300.00		
\$ 18.36	\$ 21.50	\$ 21.00	\$ 42,000.00	\$ 22.00	\$ 44,000.00		
\$ 22.68	\$ 17.50	\$ 10.00	\$ 250.00	\$ 25.00	\$ 625.00		
\$ 24.84	\$ 21.00	\$ 14.00	\$ 4,900.00	\$ 28.00	\$ 9,800.00		
\$ 24.84	\$ 18.50	\$ 9.00	\$ 1,350.00	\$ 28.00	\$ 4,200.00		
\$ 12.96	\$ 16.50	\$ 5.00	\$ 625.00	\$ 28.00	\$ 3,500.00		
\$ 10.80	\$ 16.50	\$ 5.00	\$ 565.00	\$ 28.00	\$ 3,164.00		
\$ 10.80	\$ 22.50	\$ 15.00	\$ 375.00	\$ 30.00	\$ 750.00		
\$ 20.52	\$ 8.50	\$ 5.00	\$ 155.00	\$ 12.00	\$ 372.00		
\$ 10.80	\$ 629.50	\$ 55.00	\$ 110.00	\$ 1,204.00	\$ 2,408.00		
\$ 10.80	\$ 657.50	\$ 55.00	\$ 110.00	\$ 1,260.00	\$ 2,520.00		
\$ 10.80	\$ 657.50	\$ 55.00	\$ 110.00	\$ 1,260.00	\$ 2,520.00		
\$ 108.00	\$ 89.17	\$ 100.00	\$ 7,000.00	\$ 78.33	\$ 5,483.10		
\$ 108.00	\$ 77.50	\$ 50.00	\$ 150.00	\$ 105.00	\$ 315.00		
\$ 108.00	\$ 83.67	\$ 100.00	\$ 1,800.00	\$ 67.33	\$ 1,211.94		
\$ 81.00	\$ 133.00	\$ 150.00	\$ 450.00	\$ 116.00	\$ 348.00		
\$ 10.80	\$ 59.34	\$ 25.00	\$ 75.00	\$ 93.67	\$ 281.01		
\$ 108.00	\$ 197.00	\$ 200.00	\$ 1,000.00	\$ 194.00	\$ 970.00		
\$ 216.00	\$ 110.67	\$ 100.00	\$ 1,500.00	\$ 121.33	\$ 1,819.95		
\$ 16.20	\$ 11.67	\$ 12.50	\$ 2,812.50	\$ 10.83	\$ 2,436.75		
\$ 3.24	\$ 17.63	\$ 0.25	\$ 6.25	\$ 35.00	\$ 875.00		
1,944.00	\$ 2,187.50	\$ 3,000.00	\$ 6,000.00	\$ 1,375.00	\$ 2,750.00		
1,944.00	\$ 2,237.50	\$ 3,000.00	\$ 3,000.00	\$ 1,475.00	\$ 1,475.00		
540.00	\$ 1,262.50	\$ 1,150.00	\$ 2,300.00	\$ 1,375.00	\$ 2,750.00		
540.00	\$ 1,350.00	\$ 1,150.00	\$ 2,300.00	\$ 1,550.00	\$ 3,100.00		
216.00	\$ 57.50	\$ 15.00	\$ 45.00	\$ 100.00	\$ 300.00		
3,024.00	\$ 2,309.00	\$ 3,000.00	\$ 24,000.00	\$ 1,618.00	\$ 12,944.00		
1.08	\$ 17.00	\$ 5.00	\$ 10.00	\$ 29.00	\$ 58.00		
1.08	\$ 50.00	\$ 5.00	\$ 25.00	\$ 95.00	\$ 475.00		
1.08	\$ 45.00	\$ 5.00	\$ 25.00	\$ 85.00	\$ 425.00		
23.76	\$ 25.00	\$ 25.00	\$ 500.00	\$ 25.00	\$ 500.00		
10.80	\$ 35.00	\$ 30.00	\$ 2,550.00	\$ 40.00	\$ 3,400.00		
16.20	\$ 13.75	\$ 12.50	\$ 1,562.50	\$ 15.00	\$ 1,875.00		

**BID PROPOSAL: ANNUAL GUARDRAIL CONTRACT - PALM BEACH COUNTY
PROJECT #2016050**

				Engineer's	BID AVERAGE	Southeast Attenuators, Inc.		DBI SERVICES, LLC	
				Cost					
				Estimate					
ITEM #	ITEM DESCRIPTION	QTY	UNITS		UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
78	THRIE Beam, Shop Bent Panel (Panel Only)	5	LF	\$ 54.00	\$ 18.00	\$ 9.00	\$ 45.00	\$ 27.00	\$ 135.00
79	6'-3" Transition Panel THRIE Beam to W-Beam	6	EA	\$ 237.60	\$ 139.00	\$ 150.00	\$ 900.00	\$ 128.00	\$ 768.00
80	THRIE Beam Offset Block	4	EA	\$ 70.20	\$ 20.00	\$ 25.00	\$ 100.00	\$ 15.00	\$ 60.00
G-R-E-A-T System - Additional Parts									
81	G-R-E-A-T System Fender Panel	2	EA	\$ 27.00	\$ 1,307.00	\$ 1,500.00	\$ 3,000.00	\$ 1,114.00	\$ 2,228.00
82	G-R-E-A-T System Type 51 HEX-FOAM Cartridge	2	EA	\$ 1,080.00	\$ 1,375.00	\$ 1,500.00	\$ 3,000.00	\$ 1,250.00	\$ 2,500.00
83	G-R-E-A-T System Diaphragm 24"	2	EA	\$ 108.00	\$ 875.00	\$ 150.00	\$ 300.00	\$ 1,600.00	\$ 3,200.00
84	G-R-E-A-T System Diaphragm 30"	2	EA	\$ 108.00	\$ 935.50	\$ 150.00	\$ 300.00	\$ 1,721.00	\$ 3,442.00
85	G-R-E-A-T System Diaphragm 36"	2	EA	\$ 108.00	\$ 1,008.00	\$ 150.00	\$ 300.00	\$ 1,866.00	\$ 3,732.00
86	G-R-E-A-T System Nose Assembly	2	EA	\$ 1,080.00	\$ 1,125.00	\$ 1,500.00	\$ 3,000.00	\$ 750.00	\$ 1,500.00
87	G-R-E-A-T System Concrete Backup Wall Assembly	2	EA	\$ 10.80	\$ 1,351.00	\$ 25.00	\$ 50.00	\$ 2,677.00	\$ 5,354.00
88	G-R-E-A-T System Deflector Assembly for Bidirectional System	2	EA	\$ 10.80	\$ 1,343.50	\$ 10.00	\$ 20.00	\$ 2,677.00	\$ 5,354.00
89	G-R-E-A-T System Tension Strut Backup Wall Assembly	2	EA	\$ 108.00	\$ 274.50	\$ 150.00	\$ 300.00	\$ 399.00	\$ 798.00
90	G-R-E-A-T System Wide Flange Backup Wall Assembly	2	EA	\$ 10.80	\$ 204.50	\$ 10.00	\$ 20.00	\$ 399.00	\$ 798.00
91	G-R-E-A-T System Concrete Barrier Wall Backup Assembly	2	EA	\$ 10.80	\$ 204.50	\$ 10.00	\$ 20.00	\$ 399.00	\$ 798.00
QUADGUARD Energy Absorbing System							\$ -		
92	QUADGUARD Energy Absorbing Sys., (3 Bay) (All Widths) (Includes Foundat	1	EA	\$ 18,360.00	\$ 13,750.39	\$ 13,500.00	\$ 13,500.00	\$ 14,000.78	\$ 14,000.78
93	QUADGUARD Energy Absorbing Sys., Additional Bay (All Widths) (Includes A	2	EA	\$ 15,120.00	\$ 2,675.00	\$ 2,000.00	\$ 4,000.00	\$ 3,350.00	\$ 6,700.00
QUADGUARD Energy Absorbing System - Bay Replacement Parts							\$ -		
94	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type I)	2	EA	\$ 1,080.00	\$ 925.00	\$ 1,000.00	\$ 2,000.00	\$ 850.00	\$ 1,700.00
95	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type II)	1	EA	\$ 1,080.00	\$ 925.00	\$ 1,000.00	\$ 1,000.00	\$ 850.00	\$ 850.00
96	QUADGUARD Energy Absorbing Sys., Backup Assy., Concrete 24"	2	EA	\$ 108.00	\$ 824.00	\$ 75.00	\$ 150.00	\$ 1,573.00	\$ 3,146.00
97	QUADGUARD Energy Absorbing Sys., Backup Assy., Tension Strut 24"	2	EA	\$ 108.00	\$ 1,416.50	\$ 75.00	\$ 150.00	\$ 2,758.00	\$ 5,516.00
QUADGUARD Energy Absorbing System - Parts for Repair of Damaged QUADGUARD							\$ -		
98	QUADGUARD Energy Absorbing Sys., Nose Assembly, 24"/30"/36"	1	EA	\$ 1,080.00	\$ 1,275.00	\$ 1,750.00	\$ 1,750.00	\$ 800.00	\$ 800.00
99	QUADGUARD Energy Absorbing Sys., Diaphragm 24"	2	EA	\$ 1,080.00	\$ 1,200.00	\$ 1,250.00	\$ 2,500.00	\$ 1,150.00	\$ 2,300.00
100	QUADGUARD Energy Absorbing Sys., Diaphragm 30"	2	EA	\$ 108.00	\$ 1,058.50	\$ 1,000.00	\$ 2,000.00	\$ 1,117.00	\$ 2,234.00
101	QUADGUARD Energy Absorbing Sys., Fender Panel Assembly, 24"/30"/36"	2	EA	\$ 540.00	\$ 1,150.00	\$ 1,500.00	\$ 3,000.00	\$ 800.00	\$ 1,600.00
QUADGUARD ELITE System - Bay Replacement Parts							\$ -		
102	QUADGUARD ELITE Fender Panel	2	EA	\$ 1,080.00	\$ 800.00	\$ 800.00	\$ 1,600.00	\$ 800.00	\$ 1,600.00
103	QUADGUARD ELITE Diaphragm Assembly	2	EA	\$ 1,620.00	\$ 1,863.00	\$ 2,500.00	\$ 5,000.00	\$ 1,226.00	\$ 2,452.00
104	QUADGUARD ELITE Nose Belt Assembly	1	EA	\$ 972.00	\$ 3,693.50	\$ 4,000.00	\$ 4,000.00	\$ 3,387.00	\$ 3,387.00
105	QUADGUARD ELITE Cylinder Cartridge	2	EA	\$ 3,750.00	\$ 3,570.00	\$ 4,000.00	\$ 8,000.00	\$ 3,140.00	\$ 6,280.00
***** FURNISH ONLY, DELIVERED - ITEMS 106-177 (SEE NOTE 6) *****							\$ -		
106	Anchorage Assembly, Type LET	2	EA	\$ 378.00	\$ 980.63	\$ 150.00	\$ 300.00	\$ 1,811.25	\$ 3,622.50
107	Anchorage Assembly, Type SKT 350	2	EA	\$ 1,080.00	\$ 1,890.75	\$ 1,650.00	\$ 3,300.00	\$ 2,131.50	\$ 4,263.00
108	Type MELT Buffered End (w/Diaphragms)	3	EA	\$ 108.00	\$ 154.71	\$ 100.00	\$ 300.00	\$ 209.42	\$ 628.26
109	Cable w/Hardware, for Type MELT	5	EA	\$ 10.80	\$ 92.00	\$ 100.00	\$ 500.00	\$ 84.00	\$ 420.00
110	Type SKT 350 Extruder Head	2	EA	\$ 108.00	\$ 1,003.00	\$ 1,250.00	\$ 2,500.00	\$ 756.00	\$ 1,512.00
111	Short Post in Sleeve for TypeS SKT 350 and MELT	3	EA	\$ 27.00	\$ 97.90	\$ 30.00	\$ 90.00	\$ 165.80	\$ 497.40

**BID PROPOSAL: ANNUAL GUARDRAIL CONTRACT - PALM BEACH COUNTY
PROJECT #2016050**

Engineer's		BID AVERAGE		Southeast Attenuators, Inc.		DBI SERVICES, LLC	
Cost							
Estimate							
	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL		
\$ 3.24	\$ 17.78	\$ 25.00	\$ 450.00	\$ 10.55	\$ 189.90		
\$ 5.40	\$ 14.73	\$ 25.00	\$ 750.00	\$ 4.46	\$ 133.80		
\$ 16.20	\$ 51.88	\$ 25.00	\$ 125.00	\$ 78.75	\$ 393.75		
\$ 27.00	\$ 28.25	\$ 25.00	\$ 125.00	\$ 31.50	\$ 157.50		
\$ 100.00	\$ 773.75	\$ 25.00	\$ 125.00	\$ 1,522.50	\$ 7,612.50		
\$ 100.00	\$ 760.63	\$ 25.00	\$ 125.00	\$ 1,496.25	\$ 7,481.25		
\$ 32.40	\$ 30.88	\$ 25.00	\$ 50.00	\$ 36.75	\$ 73.50		
\$ 1.08	\$ 33.50	\$ 25.00	\$ 125.00	\$ 42.00	\$ 210.00		
\$ 4.86	\$ 5.71	\$ 6.00	\$ 150.00	\$ 5.41	\$ 135.25		
\$ 5.94	\$ 11.17	\$ 9.00	\$ 225.00	\$ 13.34	\$ 333.50		
\$ 1.08	\$ 16.10	\$ 8.00	\$ 200.00	\$ 24.20	\$ 605.00		
\$ 10.80	\$ 221.35	\$ 50.00	\$ 100.00	\$ 392.70	\$ 785.40		
\$ 16.20	\$ 238.85	\$ 50.00	\$ 100.00	\$ 427.70	\$ 855.40		
\$ 16.20	\$ 241.83	\$ 50.00	\$ 100.00	\$ 433.65	\$ 867.30		
\$ 37.80	\$ 44.61	\$ 45.00	\$ 225.00	\$ 44.21	\$ 221.05		
\$ 386.64	\$ 60.22	\$ 45.00	\$ 225.00	\$ 75.44	\$ 377.20		
\$ 27.00	\$ 38.00	\$ 35.00	\$ 175.00	\$ 41.00	\$ 205.00		
\$ 27.00	\$ 36.42	\$ 30.00	\$ 150.00	\$ 42.84	\$ 214.20		
\$ 10.80	\$ 77.88	\$ 35.00	\$ 105.00	\$ 120.75	\$ 362.25		
\$ 3.24	\$ 6.27	\$ 4.00	\$ 100.00	\$ 8.54	\$ 213.50		
\$ 1.08	\$ 46.88	\$ 15.00	\$ 75.00	\$ 78.75	\$ 393.75		
\$ 2.16	\$ 7.70	\$ 3.00	\$ 15.00	\$ 12.39	\$ 61.95		
\$ 1.62	\$ 0.34	\$ 0.25	\$ 6.25	\$ 0.42	\$ 10.50		
\$ 1.62	\$ 0.96	\$ 1.50	\$ 37.50	\$ 0.42	\$ 10.50		
\$ 1.62	\$ 3.45	\$ 5.00	\$ 50.00	\$ 1.89	\$ 18.90		
\$ 1.62	\$ 4.53	\$ 6.00	\$ 60.00	\$ 3.05	\$ 30.50		
\$ 1.62	\$ 5.97	\$ 7.00	\$ 70.00	\$ 4.94	\$ 49.40		
\$ 4.32	\$ 7.41	\$ 6.00	\$ 60.00	\$ 8.82	\$ 88.20		
\$ 4.32	\$ 8.15	\$ 7.00	\$ 70.00	\$ 9.29	\$ 92.90		
\$ 6.48	\$ 8.73	\$ 8.00	\$ 64.00	\$ 9.45	\$ 75.60		
\$ 8.64	\$ 9.81	\$ 9.00	\$ 90.00	\$ 10.61	\$ 106.10		
\$ 10.80	\$ 12.35	\$ 10.00	\$ 50.00	\$ 14.70	\$ 73.50		
\$ 12.96	\$ 13.90	\$ 11.00	\$ 55.00	\$ 16.80	\$ 84.00		
\$ 10.80	\$ 16.48	\$ 11.00	\$ 55.00	\$ 21.95	\$ 109.75		
\$ 0.54	\$ 0.73	\$ 0.25	\$ 1.25	\$ 1.20	\$ 6.00		
\$ 0.27	\$ 0.32	\$ 0.10	\$ 0.50	\$ 0.53	\$ 2.65		
\$ 1.08	\$ 9.29	\$ 0.10	\$ 0.50	\$ 18.48	\$ 92.40		
			\$ -				
\$ 5.40	\$ 11.93	\$ 10.00	\$ 50.00	\$ 13.86	\$ 69.30		
\$ 3.24	\$ 52.13	\$ 15.00	\$ 45.00	\$ 89.25	\$ 267.75		

BID PROPOSAL: ANNUAL GUARDRAIL CONTRACT - PALM BEACH COUNTY
PROJECT #2016050

ITEM #	ITEM DESCRIPTION	QTY	UNITS
151	THRIE Beam Bridge Connector Complete (Detail J)	2	EA
152	12" x 12" x 1/4" Back Up Plate	5	EA
153	8" x 8" x 5/8" Filler Plate - Installed Complete	5	EA
154	21" x 21" x 5/8" BACK Up Plate - Installed Complete	5	EA
155	THRIE Beam, Straight Panel Complete (w/ Post, Block & Hardware)	25	LF
156	THRIE Beam, Shop Bent Panel Complete (w/ Post, Block & Hardware)	25	LF
157	THRIE Beam, Straight Panel (Panel Only)	25	LF
158	THRIE Beam, Shop Bent Panel (Panel Only)	25	LF
159	6'-3" Transition Panel THRIE Beam to W-Beam	1	EA
160	THRIE Beam Offset Block	5	EA
QUADGUARD Energy Absorbing System			
QUADGUARD Energy Absorbing System - Bay Replacement Parts			
161	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type I)	2	EA
162	QUADGUARD Energy Absorbing Sys., Additional Cartridges (Type II)	2	EA
163	QUADGUARD Energy Absorbing Sys., Backup Assy., Concrete 24"	2	EA
164	QUADGUARD Energy Absorbing Sys., Backup Assy., Tension Strut 24"	2	EA
165	QUADGUARD Energy Absorbing Sys., Nose Assembly, 24"/30"/36"	2	EA
166	QUADGUARD Energy Absorbing Sys., Diaphragm 24"	2	EA
167	QUADGUARD Energy Absorbing Sys., Diaphragm 30"	2	EA
168	QUADGUARD Energy Absorbing Sys., Diaphragm, 69"/90" (20 Sizes)	2	EA
169	QUADGUARD Energy Absorbing Sys., Fender Panel Assembly, 69"/90"	2	EA
QUADGUARD ELITE System			
QUADGUARD ELITE System - Bay Replacement Parts			
170	QUADGUARD ELITE Fender Panel	2	EA
171	QUADGUARD ELITE Diaphragm Assembly	2	EA
172	QUADGUARD ELITE Nose Belt Assembly	2	EA
173	QUADGUARD ELITE Cylinder Cartridge	2	EA
QUADGUARD ELITE System - Furnish and Install, Complete (See Note 5)			
174	QUADGUARD ELITE System (7 Bay) - 69" Wide Incl./All Hardware	1	EA
175	QUADGUARD ELITE System (7 Bay) - 90" Wide Incl./All Hardware	1	EA
176	QUADGUARD ELITE System (11 Bay) - 69" Wide Incl./All Hardware	1	EA
177	QUADGUARD ELITE System (11 Bay) - 90" Wide Incl./All Hardware	1	EA
TOTAL BID AMOUNT			

Engineer's	BID AVERAGE	Southeast Attenuators, Inc.		DBI SERVICES, LLC	
Cost					
Estimate					
	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
\$ 1,620.00	\$ 1,734.75	\$ 1,800.00	\$ 3,600.00	\$ 1,669.50	\$ 3,339.00
\$ 1.08	\$ 19.13	\$ 12.00	\$ 60.00	\$ 26.25	\$ 131.25
\$ 1.08	\$ 33.00	\$ 3.00	\$ 15.00	\$ 63.00	\$ 315.00
\$ 1.08	\$ 44.80	\$ 14.00	\$ 70.00	\$ 75.60	\$ 378.00
\$ 15.12	\$ 17.37	\$ 16.00	\$ 400.00	\$ 18.74	\$ 468.50
\$ 16.20	\$ 24.46	\$ 14.00	\$ 350.00	\$ 34.91	\$ 872.75
\$ 6.48	\$ 7.91	\$ 7.00	\$ 175.00	\$ 8.82	\$ 220.50
\$ 6.48	\$ 8.02	\$ 7.00	\$ 175.00	\$ 9.03	\$ 225.75
\$ 10.80	\$ 82.79	\$ 50.00	\$ 50.00	\$ 115.58	\$ 115.58
\$ 6.48	\$ 17.49	\$ 25.00	\$ 125.00	\$ 9.98	\$ 49.90
			\$ -		
			\$ -		
\$ 810.00	\$ 739.88	\$ 750.00	\$ 1,500.00	\$ 729.75	\$ 1,459.50
\$ 810.00	\$ 739.88	\$ 750.00	\$ 1,500.00	\$ 729.75	\$ 1,459.50
\$ 1,080.00	\$ 1,000.83	\$ 350.00	\$ 700.00	\$ 1,651.65	\$ 3,303.30
\$ 1,080.00	\$ 1,947.95	\$ 1,000.00	\$ 2,000.00	\$ 2,895.90	\$ 5,791.80
\$ 648.00	\$ 610.38	\$ 575.00	\$ 1,150.00	\$ 645.75	\$ 1,291.50
\$ 810.00	\$ 881.83	\$ 700.00	\$ 1,400.00	\$ 1,063.65	\$ 2,127.30
\$ 864.00	\$ 961.43	\$ 750.00	\$ 1,500.00	\$ 1,172.85	\$ 2,345.70
\$ 864.00	\$ 1,555.25	\$ 1,000.00	\$ 2,000.00	\$ 2,110.50	\$ 4,221.00
\$ 108.00	\$ 773.35	\$ 650.00	\$ 1,300.00	\$ 896.70	\$ 1,793.40
			\$ -		
			\$ -		
\$ 432.00	\$ 686.00	\$ 700.00	\$ 1,400.00	\$ 672.00	\$ 1,344.00
\$ 432.00	\$ 2,105.25	\$ 2,100.00	\$ 4,200.00	\$ 2,110.50	\$ 4,221.00
\$ 486.00	\$ 3,478.18	\$ 3,400.00	\$ 6,800.00	\$ 3,556.35	\$ 7,112.70
\$ 540.00	\$ 3,298.50	\$ 3,300.00	\$ 6,600.00	\$ 3,297.00	\$ 6,594.00
			\$ -		
\$ 33,480.00	\$ 21,181.13	\$ 21,300.00	\$ 21,300.00	\$ 21,062.25	\$ 21,062.25
\$ 35,640.00	\$ 21,381.13	\$ 21,700.00	\$ 21,700.00	\$ 21,062.25	\$ 21,062.25
\$ 43,200.00	\$ 31,876.83	\$ 32,300.00	\$ 32,300.00	\$ 31,453.65	\$ 31,453.65
\$ 33,480.00	\$ 33,244.33	\$ 34,000.00	\$ 34,000.00	\$ 32,488.65	\$ 32,488.65
			\$556,198.75	\$789,167.98	