Agenda Item is over 50 pages and can be viewed in the Minutes Department Agenda Item #: 3-C-1

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

Meeting Date: September 10, 2013

[X] Consent [] Workshop [] Regular [] Public Hearing

Department:Submitted By:Engineering & Public WorksSubmitted For:Roadway Production Division

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a contract with Southeast Attenuators, Inc. (Contractor), in an amount not to exceed the total value of \$540,000, for task orders for the annual guardrail contract (Contract), Project No. 2014051.

SUMMARY: Approval of this Contract will facilitate the furnishing and installing 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 the Contractor is 100% overall. The Contractor is a Palm Beach County company.

Countywide (MRE)

Background and Justification: Bids for the project were received by the Engineering Department on June 11, 2013. The Contractor is the current annual guardrail contractor. Due to the specialized work and very few qualified firms, the Contractor was the sole responsive responsible bidder. The Office of Small Business Assistance issued its compliance review on June 14, 2013. This Contract is for 12 months, with the possibility of an extension for up to a total of 36 months, with approval of the Board of County Commissioners.

Attachments:

1. Contracts (3)

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

Recommended by:	Division Director	Date 7/30/13	le
Approved By:	S. T. Webb County Engineer	8 19 13 Date	

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II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2013	2014	2015	2016	2017
Capital Expenditures	<u>\$540,000</u>				0_
Operating Costs	-0-	0-	-0-		<u>-0-</u>
External Revenues	-0-	0-	_0_	0_	
Program Income (County)					
In-Kind Match (County)					<u> </u>
NET FISCAL IMPACT	<u>\$540,000</u>				<u> </u>
# 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:

Road and Bridge	\$450,000
Water Utilities	\$ 50,000
Parks & Recreation	\$ 20,000
Airports	\$ 10,000
Fire Rescue	<u>\$ 10,000</u>
Total Fiscal Impact	\$540,000

Allocations to the various departments are a not to exceed amount and can be expended from various accounting lines for various projects where budget is available.

C. Departmental Fiscal Review:

71a Amen

III. <u>REVIEW COMMENTS</u>

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

2013

8 23 13 ontract Dev. and Control

B. Approved as to Form and Legal Sufficiency:

Assistant County Attorney

C. Other Department Review:

Department Director

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

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ANNUAL CONTRACT

STATE OF FLORIDA

) SS

)

COUNTY OF PALM BEACH)

This Contract, made this _____ day of ______ A.D. 2013, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the County), and Southeast Attenuators, Inc. of West Palm Beach, Florida and 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 - PROJECT NO. 2014051

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 Five Hundred Forty Thousand Dollars (\$540,000), 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 <u>seventy-two (72) hours</u> 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 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:_____

By

Steven L. Abrams, Mayor

APPROVED AS TO TERMS AND CONDITIONS

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APPROVED AS TO FORM

AND LEGAL SUFFICIENCY

vitness name printed)

<u>Southeast Attenuators, Anc</u> (Corporate Name) a Florida_____ corporation

(insert state of incorporation)

(signatur

print signatory's name)

Its (print title)

(print title)

6/25/13 (date of execution)

(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.pbcgov.com/osba DATE :

June 14, 2013

Palm Beach County Board of County Commissioners

Steven L. Abrams, Mayor

Priscilla A. Taylor, Vice Mayor

Hal R. Valeche

Paulette Burdick

Shelley Vana Mary Lou Berger

less R. Santamaria

County Administrator

Robert Weisman

TO: David Young, P.E., Special Projects Manager Roadway Production Division Through: Allen Gray, Office of Small Business Ma NU Assistance FROM: Tanoy Williams, Compliance Specialist II Compliance Review on Project No. 2014051 SUBJECT: Annual Guardrail Contract The following is Compliance Review of SBE participation on the above-mentioned project. Low Bidder: SOUTHEAST ATTENUATORS, INC. 7760 Hooper Road West Palm Beach, FL 33411 561-792-0040 Phone: Bid Opening: June 11, 2013 Bid Amount: \$604,203.25 Goal: 15% Overall 100.00% Goal Achieved: SBE Participation: 100.00% \$604,203.25 (WB) Southwide Atten. EVALUATION

The sole bidder, SOUTHEAST ATTENUATORS, INC., has met the SBE goal for this project.

cc: Tammy Fields, Chief Assistant County Attorney
File

"An Equal Opportunity Affirmative Action Employer"

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PROJECT NAME: ANNUAL GUARDRAIL CONTRACT PROJECT NUMBER: 2014051

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25 BLOCK, OFFSET UTILITY (DOUBLE BLOCKING) 5 EA \$\$60.00 \$\$2250.00 \$\$27.00 26 BLOCK, WOOD, WHARRWARE 200 EA \$\$15.00 \$\$10.00.00 \$\$14.07 27 BLOCK, WOOD, WHARRWARE 30 EA \$\$15.00 \$\$10.00.00 \$\$14.07 28 END SECTION, BUFFER 3 EA \$\$200.00 \$\$10.00.00 \$\$11.47 29 END SECTION, RUNDED 40 EA \$\$10.00.00 \$\$14.40.00 \$\$13.83.33 30 END SHOE, SPECIAL (BRIDGE ATTACHMENT PHECE) 4 EA \$\$10.00.00 \$\$45.33 32 DRILL NOLES FOR END SHOE ATTACHMENT T 100 EA \$\$15.00 \$\$15.00 \$\$255.00 \$\$28.37 33 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 220 LF \$\$15.00 \$\$15.00 \$\$27.00 \$\$15.90 \$\$22.00 \$\$16.90.00 \$\$28.37 34 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 7* -62 6* 800 LF \$\$21.00 \$\$16.900.00 \$\$22.10 \$\$16.900.00 \$\$23.47	23	SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT	15	EA	\$200.00	\$3,000.00	\$175.00
26 BLOCK, WOOD, WiHARDWARE 200 EA \$15.00 \$3,000.00 \$14.67 27 BLOCK, RECYCLED PLASTIC, WIGUARDRAIL BOLT 70 EA \$15.00 \$1,050.00 \$17.70 28 END SECTION, BLFFR 3 EA \$200.00 \$60.00 \$121.67 29 END SECTION, ROUNDED 40 EA \$100.00 \$1,000.00 \$113.33 30 END SECTION, ROUNDED 40 EA \$100.00 \$40.00 \$138.33 31 END SECTION, ROUNDED 4 EA \$150.00 \$1,500.00 \$45.33 33 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 2250 LF \$16.00 \$40.500.00 \$15.40 35 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 T' - 62 C'' 800 LF \$21.00 \$16.800.00 \$21.47 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 T' - 62 C'' 800 LF \$21.00 \$16.800.00 \$21.47 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 T' - 62 C'' 800 LF \$21.00	24	BLOCK, CONCRETE, SPECIAL, AT BRIDGE	2	EA	\$1.00	\$2.00	
27 BLOCK, RECYCLED PLASTIC, WIGUARDRAIL BOLT 70 EA \$15.00 \$1,050.00 28 END SECTION, BUFFER 3 EA \$200.00 \$600.00 \$121.67 29 END SECTION, RARED 10 EA \$100.00 \$13.33 30 END SECTION, ROUNDED 40 EA \$100.00 \$400.00 31 END SECTION, ROUNDED 40 EA \$100.00 \$400.00 32 DRIL, HOLES FOR END SHOE ATTACHMENT 100 EA \$15.00 \$375.00 33 GUARDRAIL, STEEL BEAM, DOUBLE FACE 25 LF \$15.00 \$375.00 34 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 2200 LF \$21.00 \$26.250.00 \$23.07 35 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 7' - 62 6'' 800 LF \$21.00 \$26.250.00 \$23.07 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 27'' - 100 0'' 550 LF \$21.00 \$26.250.00 \$22.07 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 27'' - 100 0''	25	BLOCK, OFFSET UTILITY (DOUBLE BLOCKING)	5	EA	\$50.00	\$250.00	
28 END SECTION, BUFFER 3 EA \$200.00 \$600.00 \$121.67 29 END SECTION, RUARED 10 EA \$100.00 \$1.33 30 END SECTION, RUARED 40 EA \$530.0 \$1.400.00 \$133.33 31 END SHOE, SPECIAL (BRIDGE ATTACHMENT PIECE) 4 EA \$100.00 \$400.00 \$406.00 \$45.33 32 DRILL HOLES FOR END SHOE ATTACHMENT PIECE) 4 EA \$100.00 \$406.00 \$45.33 33 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 2250 LF \$15.00 \$375.00 \$21.47 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS UP THROUGH 37 6" 1250 LF \$21.00 \$26,250.00 \$23.07 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7" - 100'0" 650 LF \$21.00 \$16,800.00 \$21.47 38 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7" - 100'0" 650 LF \$21.00 \$10.00.00 \$21.47 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 77 7' - 62' 6" 650							
29 END SECTION, FLARED 10 EA \$10,000 \$1,000,00 \$71,33 30 END SECTION, ROUNDED 40 EA \$35,00 \$1,400,00 \$13,83 31 END SHOE, SPECIAL (BRIDGE ATTACHMENT PIECE) 4 EA \$100,00 \$400,00 \$85,67 32 DRILL HOLES FOR END SHOE ATTACHMENT 100 EA \$15,00 \$375,00 \$28,37 33 GUARDRAIL, STEEL BEAM, DOUBLE FACE 25 LF \$16,00 \$40,500,00 \$11,90 34 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 200 LF \$21,00 \$4,000,00 \$19,37 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 77 "- 62' 6" 800 LF \$22,00 \$11,000,00 \$21,47 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1' - 500' 0" 550 LF \$21,00 \$13,000,00 \$22,00 31 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1' - 500' 0" 250 LF \$21,00 \$31,000,00 \$20,00 32 GUARDRAIL, STEEL BEAM, SHAIGHT, JOBS OF 537' 7' - 62' 6"							
30 END SECTION, ROUNDED 40 EA \$\$3.00 \$\$1,400.00 31 END SHOE, SPECIAL (BRIDGE ATTACHMENT PIECE) 4 EA \$\$100.00 \$400.00 \$\$85.57 32 DRILL HOLES FOR END SHOE ATTACHMENT 100 EA \$\$15.00 \$\$15.00 \$\$15.00 \$\$15.00 \$\$15.00 \$\$15.00 \$\$405.00 \$\$45.33 33 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 2250 LF \$\$18.00 \$\$40,500.00 \$\$19.37 34 GUARDRAIL, STEEL BEAM, STRAIGHT, OBS UP THROUGH 37 6" 1250 LF \$\$21.00 \$\$22.307 \$\$22.307 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 57 77 - 62 6" 800 LF \$\$21.00 \$\$25.000 \$\$23.07 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100 '1 - 500'0" 650 LF \$\$20.00 \$\$13.000.00 \$\$21.57 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 500' 0" 650 LF \$\$21.00 \$\$25.00 \$\$23.00 \$\$24.90 42 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 627' - 62' 6" 150 LF						<u> </u>	
1 END SHOE, SPECIAL (BRIDGE ATTACHMENT PIECE) 4 EA \$100.00 \$400.00 \$88.67. 22 DRILL HOLES FOR END SHOE ATTACHMENT 100 EA \$15.00 \$26.37. 33 GUARDRAIL, STEEL BEAM, DOUBLE FACE 225 LF \$15.00 \$47.50.0 \$22.37. 34 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 200 LF \$21.00 \$26.26.00 \$22.37. 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37'7'- 62'6" 800 LF \$21.00 \$26.250.00 \$22.30.7 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 50'7''- 62'6" 800 LF \$21.00 \$16,800.00 \$21.47 38 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 60'1''- 100'0" 550 LF \$22.00 \$11,000.00 \$22.07 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62'''- 100'0" 560 LF \$22.00 \$13,000.00 \$22.00 41 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62'''- 62' 6'' 150 LF \$22.00 \$24.50 \$24.50 32 GUARDRAIL, STEEL BEAM,						······	
32 DRILL HOLES FOR END SHOE ATTACHMENT 100 EA \$15.00 \$15.00.00 \$45.33 33 GUARDRAIL, STEEL BEAM, MOUBLE FACE 25 LF \$16.00 \$375.00 \$28.37 34 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 220 LF \$21.00 \$40.500.00 \$11.40 35 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS UP THROUGH 37 6" 1250 LF \$22.00 \$40.00.00 \$21.47 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 57'7'- 62'6" 800 LF \$22.00 \$16,800.00 \$21.47 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62'7'- 100'0" 5550 LF \$20.00 \$11,000.00 \$22.67 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62'7''- 100'0" 5550 LF \$20.00 \$11,000.00 \$22.69 41 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100'1"- 500'0" 550 LF \$21.00 \$325.00 \$22.69 42 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37'7'- 62'6" 150 LF \$21.00 \$25.00 \$22.69 43					<u> </u>		
33 GUARDRAIL, STEEL BEAM, DOUBLE FACE 25 LF \$15.00 \$375.00 \$28.37 34 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 2260 LF \$18.00 \$40,500.00 \$115.40 35 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 200 LF \$20.00 \$4,000.00 \$119.37 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37' 7' - 62' 6" 1250 LF \$21.00 \$26.260.00 \$22.37 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7' - 100' 0" 550 LF \$20.00 \$11,000.00 \$22.67 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1" - 500' 0" 660 LF \$20.00 \$13,000.00 \$21.67 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 20' T' - 100' 0" 200 LF \$17.00 \$34,000.00 \$22.00 \$11,000.00 \$22.67 41 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 27'' - 100' 0" 200 LF \$12.00 \$13,000.00 \$22.00 \$21.67 41 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 27'' - 100' 0" 125 <	1					<u> </u>	
34 GUARDRAIL, STEEL BEAM, STRAIGHT PANEL ONLY (NO POST OR HARDWARE) 2250 LF \$18.00 \$40,500.00 \$15.40 35 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS UP THROUGH 37'6" 1250 LF \$20.00 \$4,000.00 \$13.37 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS UP THROUGH 37'6" 1250 LF \$21.00 \$26,250.00 \$23.07 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62'7" - 100'0" 650 LF \$22.00 \$11,000.00 \$21.47 38 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100'1" - 500'0" 650 LF \$20.00 \$11,000.00 \$20.67 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100'1" - 500'0" 650 LF \$20.00 \$11,000.00 \$20.67 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100'1" - 500'0" 250 \$22.00 \$34,000.00 \$22.07 41 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 63'7" - 62'6" 150 LF \$23.00 \$84.050.00 \$22.83 42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62'7" - 100'0" 112.5 LF \$10.00 \$11.25.00 \$21.73			· · · · · · · · · · · · · · · · · · ·				
35 GUARDRAIL, STEEL BEAM, SHOP BENT PANEL ONLY (NO POST OR HARDWARE) 200 LF \$20.00 \$4,000.00 \$19.37 36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 '7' - 62' 6'' 800 LF \$21.00 \$26,250.00 \$22.07 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37 '7' - 62' 6'' 800 LF \$21.00 \$16,800.00 \$21.47 38 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7'' - 100' 0'' 650 LF \$20.00 \$11.000.00 \$22.07 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 10' 1'' - 500' 0'' 650 LF \$20.00 \$11.000.00 \$21.67 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$17.00 \$34,000.00 \$22.00 41 GUARDRAIL, STEEL BEAM, STRAIGHT, W/9 POSTS 25 LF \$21.00 \$\$25.00 \$26.89 42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7'' - 100' 0'' 1125 LF \$12.00 \$1,500.00 \$22.90 43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7'' - 100' 0'' 112.5 LF \$10.00 \$25.00							
36 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS UP THROUGH 37' 6" 1250 LF \$21.00 \$26,250.00 \$23.07 37 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37' 7" - 62' 6" 800 LF \$21.00 \$16,800.00 \$21.47 38 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7" - 100' 0" 550 LF \$20.00 \$11,000.00 \$22.07 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1" - 500' 0" 650 LF \$20.00 \$11,000.00 \$22.07 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$17.00 \$34,000.00 \$22.00 41 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$21.00 \$525.00 \$26.93 42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS UP THROUGH 37' 6" 350 LF \$23.00 \$34.60.00 \$22.00 43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7' - 100' 0" 125 LF \$12.00 \$12.00 \$22.00 44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$22.00 \$24.00					1		
38 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' T' - 100' 0'' 550 LF \$20.00 \$11,000.00 \$20.67 39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1'' - 500' 0'' 650 LF \$20.00 \$13,000.00 \$21.57 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$17.00 \$34,000.00 \$22.00 41 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$17.00 \$34,000.00 \$22.00 42 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37' T' - 62' 6'' 150 LF \$23.00 \$8,050.00 \$28.40 3 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' T' - 100' 0'' 125 LF \$12.00 \$1,500.00 \$22.90 44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1'' - 500' 0'' 112.5 LF \$10.00 \$21.73 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1'' - 500' 0'' 112.5 LF \$10.00 \$22.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS 25 LF \$10.00 \$20.00 \$284.00 47			1250	LF	1	1	\$23.07
39 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1" - 500' 0" 650 LF \$20.00 \$13,000.00 \$21.57 40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$17.00 \$34,000.00 \$20.00 41 GUARDRAIL, STEEL BEAM, STRAIGHT, W/9 POSTS 25 LF \$21.00 \$525.00 \$26.90 42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS UP THROUGH 37' 6" 350 LF \$23.00 \$34,50.00 \$25.90 43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 77' - 62' 6" 150 LF \$21.00 \$15,500.00 \$25.90 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 125 LF \$10.00 \$1,125.00 \$25.00 \$25.90 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 \$20.00 \$26.47 46 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$21.73 47 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-14') 31.25 LF \$10.00 \$20.00 \$384.00	37	GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 37' 7" - 62' 6"	800	LF	\$21.00	\$16,800.00	\$21.47
40 GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OVER 500' 2000 LF \$17.00 \$34,000.00 \$20.00 41 GUARDRAIL, STEEL BEAM, STRAIGHT, W/9' POSTS 25 LF \$21.00 \$525.00 \$26.93 42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS UP THROUGH 37' 6" 350 LF \$23.00 \$8.050.00 \$28.40 43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 37' 7' - 62' 6" 150 LF \$23.00 \$3.450.00 \$25.90 44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7' - 100' 0" 125 LF \$10.00 \$1.125.00 \$22.90 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1.125.00 \$20.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS 25 LF \$10.00 \$20.00 \$26.47 47 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-1/4') 31.25 LF \$19.00 \$293.07 \$28.40 48 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$2	38	GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 62' 7" - 100' 0"	550	LF	\$20.00	\$11,000.00	\$20.67
41 GUARDRAIL, STEEL BEAM, STRAIGHT, W/9 POSTS 25 LF \$21.00 \$525.00 \$26.93 42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS UP THROUGH 37' 6" 350 LF \$23.00 \$8,050.00 \$28.40 43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 37' 7" - 62' 6" 150 LF \$23.00 \$3,450.00 \$25.90 44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7" - 100' 0" 125 LF \$112.00 \$1,500.00 \$21.73 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 \$20.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 \$20.00 47 5 DEGREE RADIUS SHOP BENT, GUARDRAIL (6-1/4') 31.25 LF \$10.00 \$20.00 \$284.00 49 TRANSITION PANEL, QUAD BEAM TO W BEAM, MARROW 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, WIDE 2 EA \$10.00 \$7,000.00 \$7,833 52 POST, GUARDRAIL, STEEL, STANDARD 70 EA \$10.00	39	GUARDRAIL, STEEL BEAM, STRAIGHT, JOBS OF 100' 1" - 500' 0"	650	LF	\$20.00	\$13,000.00	\$21.57
42 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS UP THROUGH 37' 6" 350 LF \$23.00 \$8,050.00 \$28.40 43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 37' 7" - 62' 6" 150 LF \$23.00 \$3,450.00 \$25.90 44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7" - 100' 0" 125 LF \$110.00 \$1,125.00 \$21.73 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 \$20.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS 25 LF \$10.00 \$250.00 \$26.47 47 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-1/4') 31.25 LF \$10.00 \$20.00 \$384.00 49 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$20.00 \$384.00 51 POST, GUARDRAIL, STEEL, STANDARD 70 EA \$100.00 \$20.00 \$384.00 52 POST, GUARDRAIL, WOOD (TREATED TIMBER), STANDARD 18 EA \$100.00 \$30.00	(2000		\$17.00	\$34,000.00	
43 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 37' 7" - 62' 6" 150 LF \$23.00 \$3,450.00 \$25.90 44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7" - 100' 0" 125 LF \$112.00 \$1,500.00 \$21.73 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 \$20.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS 25 LF \$10.00 \$250.00 \$26.47 47 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-1/4') 31.25 LF \$19.00 \$20.00 \$28.57 48 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW 2 EA \$10.00 \$20.00 \$384.00 49 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, WIDE 2 EA \$10.00 \$20.00 \$384.00 51 POST, GUARDRAIL, STEEL, STANDARD 70 EA \$100.00 \$7,000.00 \$78.33 52 POST, GUARDRAIL, STEEL, 9' 3 EA \$100.00 \$105.00 \$105.00 <t< td=""><td></td><td></td><td>25</td><td>LF</td><td>\$21.00</td><td>(</td><td>·····</td></t<>			25	LF	\$21.00	(·····
44 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 62' 7" - 100' 0" 125 LF \$12.00 \$1,500.00 \$21.73 45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 \$20.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS 25 LF \$10.00 \$250.00 \$26.47 47 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-1/4') 31.25 LF \$19.00 \$20.00 \$384.00 49 TRANSITION PANEL, QUAD BEAM TO W BEAM, MARROW 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$20.00 \$384.00 51 POST, GUARDRAIL, STEEL, STANDARD 70 EA \$10.00 \$20.00 \$384.00 52 POST, GUARDRAIL, STEEL, 9' 3 EA \$10.00 \$7,000.00 \$7,833 52 POST, GUARDRAIL, STEEL, 9' 3 EA \$10.00 \$30.00 \$105.00 \$105.00 \$30.00 <			350				
45 GUARDRAIL, STEEL BEAM, SHOP BENT, JOBS OF 100' 1" - 500' 0" 112.5 LF \$10.00 \$1,125.00 46 GUARDRAIL, STEEL BEAM, SHOP BENT, W/9' POSTS 25 LF \$10.00 \$250.00 \$26.47 47 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-1/4') 31.25 LF \$19.00 \$20.00 \$384.00 48 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW 2 EA \$10.00 \$20.00 \$384.00 49 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$20.00 \$384.00 50 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM 2 EA \$10.00 \$20.00 \$384.00 51 POST, GUARDRAIL, STEEL, STANDARD 70 EA \$10.00 \$7,000.00 \$7,833 52 POST, GUARDRAIL, WOOD (TREATED TIMBER), STANDARD 18 EA \$10.00 \$1,800.00 \$67.33 54 POST, GUARDRAIL, ENCASED, STEEL 3 EA \$10.00 \$30.00 \$116.00 55 POST, GUARDRAIL, ENCASED, WOOD 3 EA \$10.00 \$30.00 \$194.00 56 POST, GUARDRAIL, STEEL, SPECI						1	
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PROJECT NAME: ANNUAL GUARDRAIL CONTRACT PROJECT NUMBER: 2014051 PROPOSAL

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PRO	POSAL			SOUTH	IEAST	ENGINEERS'
				ATTENUAT	ORS, INC.	ESTIMATE
	ITEM	OUANTITY	UNITS	UNIT PRICE	TOTAL	
59	ROUND-OFF TOP OF WOODEN GUARDRAIL POST AND BLOCK (ALL SIDES)	25	EA	\$3.00	\$75.00	\$35.00
	CONTROLLED RELEASE TERMINAL, 8' RADIUS	23	EA	\$1,800.00	\$3,600.00	\$1,486.67
61	CONTROLLED RELEASE TERMINAL, 8 RADIUS		EA	\$1,800.00	\$1,800.00	\$1,476.67
	CONTROLLED RELEASE TERMINAL, 18 RADIUS	2				\$1,350.00
		2	EA	\$500.00	\$1,000.00	\$1,546.67
63	CONTROLLED RELEASE TERMINAL, 32' RADIUS	*******	EA	\$500.00	\$1,000.00	10.040.07
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		3	EA	\$200.00	\$600.00	\$141.33
	THRIE BEAM BRIDGE CONNECTOR COMPLETE (DETAIL J)	8	EA	\$2,800.00	\$22,400.00	\$1,618.00
	12" x 12" x 1/4" BACK UP PLATE	2	EA	\$1.00	\$2.00	\$29.00
	8" x 8" x 5/8" FILLER PLATE	5	EA	\$1.00	\$5.00	\$35.00
	21" x 21" x 5/8" BACK UP PLATE	5	EA	\$1.00	\$5.00	\$57.00
	THRIE BEAM, STRAIGHT PANEL COMPLETE (W/ POST, BLOCK & HARDWARE)	20	LF	\$22.00	\$440.00	\$29.10
	THRIE BEAM, SHOP BENT PANEL COMPLETE (W/ POST, BLOCK & HARDWARE)	85	LF	\$10.00	\$850.00	\$40.77
	THRIE BEAM, STRAIGHT PANEL (PANEL ONLY)	125		\$15.00	\$1,875.00	\$18.53
	THRIE BEAM, SHOP BENT PANEL (PANEL ONLY)	5	LF	\$50.00	\$250.00	\$25.37
	6'-3" TRANSITION PANEL THRIE BEAM TO W-BEAM	6	EA	\$220.00	\$1,320.00	\$128.00
74	THRIE BEAM OFFSET BLOCK	4	EA	\$65.00	\$260.00	\$19.00
	G-R-E-A-T SYSTEM - ADDITIONAL PARTS	******	******	*****	*******************	
	G-R-E-A-T SYSTEM FENDER PANEL	2	EA	\$25.00	\$50.00	\$522.00
76	G-R-E-A-T SYSTEM TYPE 51 HEX-FOAM CARTRIDGE	2	EA	\$1,000.00	\$2,000.00	\$1,346.67
77	G-R-E-A-T SYSTEM DIAPHRAGM 24"	2	EA	\$100.00	\$200.00	\$966.67
78	G-R-E-A-T SYSTEM DIAPHRAGM 30"	. 2	EA	\$100.00	\$200.00	\$933.33
79	G-R-E-A-T SYSTEM DIAPHRAGM 36"	2	EA	\$100.00	\$200.00	\$933.33
80	G-R-E-A-T SYSTEM NOSE ASSEMBLY	2	EA	\$1,000.00	\$2,000.00	\$902.00
81	G-R-E-A-T SYSTEM CONCRETE BACKUP WALL ASSEMBLY	2	EA	\$10.00	\$20.00	\$356.67
82	G-R-E-A-T SYSTEM DEFLECTOR ASSEMBLY FOR BIDIRECTIONAL SYSTEM	2	EA	\$10.00	\$20.00	\$354.67
	G-R-E-A-T SYSTEM TENSION STRUT BACKUP WALL ASSEMBLY	2	EA	\$100.00	\$200.00	\$308.67
84	G-R-E-A-T SYSTEM WIDE FLANGE BACKUP WALL ASSEMBLY	2	EA	\$10.00	\$20.00	\$242.00
	G-R-E-A-T SYSTEM CONCRETE BARRIER WALL BACKUP ASSEMBLY	2	EA	\$10.00	\$20.00	\$325.00
[QUADGUARD ENERGY ABSORBING SYSTEM	*****	*******	******	******	***
86	QUADGUARD ENERGY ABSORBING SYS., (3 BAY) (ALL WIDTHS) (INCLUDES	1	EA	\$17,000.00	\$17,000.00	\$13,984.00
	QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL BAY (ALL WIDTHS)	2	EA	\$4,000.00	\$8,000.00	\$3,318.67
	QUADGUARD ENERGY ABSORBING SYSTEM - BAY REPLACEMENT PARTS	*****	******		*****	*******
	QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL CARTRIDGES (TYPE I)	2	ËA	\$1,000.00	\$2,000.00	\$1,383.33
	QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL CARTRIDGES (TYPE II)	1	EA	\$1.000.00	\$1,000.00	\$1,383.33
	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., CONCRETE 24"	2	EA	\$100.00	\$200.00	\$1,016.67
	QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., TENSION STRUT 24"		EA	\$100.00		\$1,316.67
	QUADGUARD ENERGY ABSORBING SYSTEM - PARTS FOR REPAIR OF DAMAGE				****	
	QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLY, 24"/30"/36"		EA	\$1,000.00	\$1,000.00	\$1,145.67
	QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLET, 24 /30 /30			\$1,000.00	\$2,000.00	\$1,097.00
	QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGN 24	2			\$200.00	\$852.67
		2	EA EA	\$100.00	\$1,000.00	\$743.33
	QUADGUARD ENERGY ABSORBING SYS., FENDER PANEL ASSEMBLY, 24"/30"/36"			\$500.00		00.0710
	QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS QUADGUARD ELITE FENDER PANEL	2	E A		\$2.000.00	\$893.00
			EA EA	\$1,000.00	\$2,000.00	\$1,226.00
				64 500 00		
97	QUADGUARD ELITE DAPHRAGM ASSEMBLY	2	EA	\$1,500.00	\$3,000.00	
97 98	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY	2	EA	\$900.00	\$900.00	\$2,964.33
97 98	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE	2 1 2	EA EA	\$900.00 \$1,500.00	1	
97 98 99	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6)	2 1 2 ******	EA EA	\$900.00 \$1,500.00	\$900.00 \$3,000.00	\$2,964.33 \$2,718.67
97 98 99 100	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET	2 1 ********** 2	EA EA EA	\$900.00 \$1,500.00 \$350.00	\$900.00 \$3.000.00 \$700.00	\$2,964.33 \$2,718.67 \$1,330.00
97 98 99 100 101	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000	2 1 2 ********** 2 2	EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00	\$900.00 \$3,000.00 \$700.00 \$2,000.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00
97 98 99 100 101	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET	2 1 ********** 2	EA EA EA EA	\$900.00 \$1,500.00 \$350.00	\$900.00 \$3.000.00 \$700.00 \$2,000.00 \$300.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00
97 98 99 100 101 102 103	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT	2 1 2 ********* 2 2 2 3 3 5	EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$10.00	\$900.00 \$3.000.00 \$700.00 \$2,000.00 \$300.00 \$50.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33
97 98 99 100 101 102 103	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS)	2 1 ***********************************	EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00	\$900.00 \$3.000.00 \$700.00 \$2,000.00 \$300.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00
97 98 99 100 101 102 103 104	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT	2 1 2 ********* 2 2 2 3 3 5	EA EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$10.00	\$900.00 \$3.000.00 \$700.00 \$2,000.00 \$300.00 \$50.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33
97 98 99 100 101 102 103 104 105	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT TYPE ET-2000 EXTRUDER HEAD	2 1 ******** 2 2 3 3 5 2	EA EA EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$10.00 \$10.00	\$900.00 \$3,000.00 \$700.00 \$2,000.00 \$300.00 \$50.00 \$200.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00
97 98 99 100 101 102 103 104 105 106	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT TYPE ET-2000 EXTRUDER HEAD SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT	2 1 ******** 2 2 3 5 5 2 3 3	EA EA EA EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$10.00 \$100.00 \$25.00	\$900.00 \$3.000.00 \$2,000.00 \$300.00 \$300.00 \$50.00 \$200.00 \$75.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00 \$104.33
97 98 99 100 101 102 103 104 105 106 107	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT TYPE ET-2000 EXTRUDER HEAD SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT BLOCK, WOOD, W/HARDWARE	2 1 2 2 2 3 3 5 2 3 18	EA EA EA EA EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$10.00 \$100.00 \$25.00 \$3.00	\$900.00 \$3.000.00 \$2,000.00 \$300.00 \$300.00 \$50.00 \$200.00 \$75.00 \$54.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00 \$104.33 \$8.33
97 98 99 100 101 102 103 104 105 106 107 108	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT TYPE ET-2000 EXTRUDER HEAD SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT BLOCK, WOOD, W/HARDWARE BLOCK, RECYCLED PLASTIC	2 1 2 2 2 3 3 5 2 2 3 18 30	EA EA EA EA EA EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$100.00 \$100.00 \$25.00 \$3.00 \$5.00	\$900.00 \$3.000.00 \$2,000.00 \$300.00 \$50.00 \$200.00 \$75.00 \$54.00 \$150.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00 \$104.33 \$8.33 \$8.33
97 98 99 100 101 102 103 104 105 106 107 108 109	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT TYPE ET-2000 EXTRUDER HEAD SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT BLOCK, WOOD, W/HARDWARE BLOCK, RECYCLED PLASTIC END SECTION, BUFFER	2 1 2 2 2 3 3 5 2 3 3 18 300 5 5 5	EA EA EA EA EA EA EA EA EA EA EA EA	\$900.00 \$1,500.00 \$350.00 \$1,000.00 \$100.00 \$100.00 \$100.00 \$25.00 \$3.00 \$5.00 \$15.00	\$900.00 \$3,000.00 \$2,000.00 \$300.00 \$50.00 \$200.00 \$75.00 \$54.00 \$150.00 \$75:00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00 \$104.33 \$8.33 \$8.33 \$8.33
97 98 99 100 101 102 103 104 105 106 107 108 109 110	QUADGUARD ELITE DAPHRAGM ASSEMBLY QUADGUARD ELITE NOSE BELT ASSEMBLY QUADGUARD ELITE CYLINDER CARTRIDGE FURNISH ONLY, DELIVERED (SEE NOTE 6) ANCHORAGE ASSEMBLY, TYPE LET ANCHORAGE ASSEMBLY, TYPE ET-2000 TYPE MELT BUFFERED END (W/DIAPHRAGMS) CABLE W/HARDWARE, FOR TYPE MELT TYPE ET-2000 EXTRUDER HEAD SHORT POST IN SLEEVE FOR TYPES ET-2000 AND MELT BLOCK, WOOD, W/HARDWARE BLOCK, RECYCLED PLASTIC END SECTION, BUFFER END SECTION, FLARED	2 1 2 2 2 3 3 5 2 2 3 3 18 30 5 5	EA EA EA EA EA EA EA EA EA EA EA EA EA E	\$900.00 \$1,500.00 \$1,000.00 \$100.00 \$100.00 \$100.00 \$25.00 \$3.00 \$5.00 \$15.00 \$25.00	\$900.00 \$3,000.00 \$2,000.00 \$300.00 \$50.00 \$200.00 \$75.00 \$150.00 \$150.00 \$125.00 \$60.00	\$2,964.33 \$2,718.67 \$1,330.00 \$1,490.00 \$114.00 \$62.33 \$564.00 \$104.33 \$8.33 \$8.33 \$88.30 \$86.00 \$59.33

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PROJECT NAME: ANNUAL GUARDRAIL CONTRACT PROJECT NUMBER: 2014051 PROPOSAL

PROPOSAL					· · · · · · · · · · · · · · · · · · ·
TROPOSAL	PROPOSAL		SOUTHEAST ENGINEERS'		
			ATTENUA	TORS, INC.	ESTIMATE
)TEM	QUANTITY	UNITS	UNIT PRICE	TOTAL	
113 GUARDRAIL, STEEL BEAM, SHOP BENT, INCL./HARDWARE	25	LF	\$5.50	\$137.50	\$12.13
114 5 DEGREE RADIUS SHOP BENT GUARDRAIL (6-1/4')	25	<u> </u>	\$1.00	\$25.00	\$12.80
115 TRANSITION PANEL, QUAD BEAM TO W BEAM, NARROW	2	EA	\$10.00	\$20.00	\$374.00
116 TRANSITION PANEL, QUAD BEAM TO W BEAM, MEDIUM	2	EA	\$15.00	\$30.00	\$407.33
117 TRANSITION PANEL, QUAD BEAM TO W BEAM, WIDE	2	EA	\$15.00	\$30.00	\$413.00
118 POST, GUARDRAIL, STEEL, STANDARD	5	EA	\$35.00	\$175.00	\$41.00
119 POST, GUARDRAIL, STEEL, 9'	5	EA	\$35.00	\$175.00	\$53.67
120 POST, GUARDRAIL, CRT	5	EA	\$25.00	\$125.00	\$57.00
121 POST, GUARDRAIL, WOOD (TREATED TIMBER), STANDARD	5				
122 POST, GUARDRAIL, STEEL, SPECIAL, WPLATE		EA	\$25.00	\$125.00	\$48.67
122 FOST, SOMERAIL, STELL, SPECIAL, WPDATE	3	LF	\$10.00	\$30.00	\$124.67
123 SAFETY FIFE RAIL, WHARDWARE	25		\$3.00	\$75.00	\$8.13
	5	EA	\$1.00	\$5.00	\$41.67
	5	EA	\$2.00	\$10.00	\$9.33
126 5/8" MODIFIED HEX NUT (RECESSED NUT)	25	EA	\$1.50	\$37.50	\$0.77
127 5/8" OVAL SHOULDER BUTTON HEAD BOLT (1-1/4")	25	EA	\$1.50	\$37.50	\$0.77
128 5/8" OVAL SHOULDER BUTTON HEAD BOLT (10")	10		\$1.50	\$15.00	\$1.80
129 5/8" OVAL SHOULDER BUTTON HEAD BOLT (18")	10		\$1.50	\$15.00	\$2.37
130 5/8" OVAL SHOULDER BUTTON HEAD BOLT (25")	10	EA	\$1.50	\$15.00	\$4.00
131 7/8" BRIDGE ATTACHMENT BOLT (12")	10	EA	\$4.00	\$40.00	\$6.47
132 7/8" BRIDGE ATTACHMENT BOLT (14")	10	EA	\$4.00	\$40.00	\$6.87
133 7/8" BRIDGE ATTACHMENT BOLT (16")	8	EA	\$6.00	\$48.00	\$7.27
134 7/8" BRIDGE ATTACHMENT BOLT (18")	10	EA	\$8.00	\$80.00	\$8.03
135 7/8" BRIDGE ATTACHMENT BOLT (20")	5	EA	\$10.00	\$50.00	\$11.63
136 7/8" BRIDGE ATTACHMENT BOLT (22")	5	ËA	\$12.00	\$60.00	\$12.03
137 7/8" BRIDGE ATTACHMENT BOLT (24")	5	EA	\$10.00	\$50.00	\$12.50
138 7/8" BRIDGE ATTACHMENT NUT	5	EA	\$0.50	\$2.50	\$1.70
139 7/8" BRIDGE ATTACHMENT WASHER	5	EA	\$0.25	\$1.25	\$1.30
140 7/8" BRIDGE ATTACHMENT BACKING PLATE	5	EA	\$1.00	\$5.00	\$17.50
THRIE BEAM	*******	******	*******	****	******
141 RAIL SPLICE, THRIE-BEAM	5	EA	\$5.00	\$25.00	\$25.33
142 THRIE BEAM TERMINAL CONNECTOR	3	EA	\$3.00	\$9.00	\$107.00
143 THRIE BEAM BRIDGE CONNECTOR COMPLETE (DETAIL J)	2	ËA	\$1,500.00	\$3,000.00	\$809.67
144 12" x 12" x 1/4" BACK UP PLATE	5	EA	\$1.00	\$5.00	\$21.67
145 8" x 8" x 5/8" FILLER PLATE - INSTALLED COMPLETE	5	EA	\$1.00	\$5.00	\$37.33
146 21" x 21" x 5/8" BACK UP PLATE - INSTALLED COMPLETE	5	EA	\$1,00	\$5.00	\$53.00
147 THRIE BEAM, STRAIGHT PANEL COMPLETE (W/ POST, BLOCK & HARDWARE)	25	LF	\$14.00	\$350.00	\$24.37
148 THRIE BEAM, SHOP BENT PANEL COMPLETE (W/ POST, BLOCK & HARDWARE)	25		\$15.00	\$375.00	\$29.23
149 THRIE BEAM, STRAIGHT PANEL (PANEL ONLY)	25	LF	\$6.00	\$150.00	\$10.83
150 THRIE BEAM, SHOP BENT PANEL (PANEL ONLY)	25	LF LF		\$150.00	\$18.37
151 6'-3" TRANSITION PANEL THRIE BEAM TO W-BEAM			\$6.00		\$92.33
152 THRIE BEAM OFFSET BLOCK	1	EA	\$10.00	\$10.00	
	5	EA *******	\$6.00	\$30.00	\$14.00
	********	******	******		
QUADGUARD ENERGY ABSORBING SYSTEM - BAY REPLACEMENT PARTS				A4 500.00 Å	R4 000 07
153 QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL CARTRIDGES (TYPE I)	2	EA	\$750.00	\$1,500.00	\$1,259.67
154 QUADGUARD ENERGY ABSORBING SYS., ADDITIONAL CARTRIDGES (TYPE II)	2	EA	\$750.00	\$1,500.00	\$1,259.67
155 QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., CONCRETE 24"	2	ËA	\$1,000.00	\$2,000.00	\$647.67
156 QUADGUARD ENERGY ABSORBING SYS., BACKUP ASSY., TENSION STRUT 24"	2	EA	\$1,000.00	\$2,000.00	\$1,484.67
157 QUADGUARD ENERGY ABSORBING SYS., NOSE ASSEMBLY, 24"/30"/36"	2	<u> </u>	\$600.00	\$1,200.00	\$985.33
158 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 24"	2	EA	\$750.00	\$1,500.00	\$814.33
159 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM 30"	2	EA	\$800.00	\$1,600.00	\$864.67
160 QUADGUARD ENERGY ABSORBING SYS., DIAPHRAGM, 69"/90" (20 SIZES)	2	EA	\$800.00	\$1,600.00	\$1,324.00
161 QUADGUARD ENERGY ABSORBING SYS., FENDER PANEL ASSEMBLY, 69"/90"	2	EA	\$100.00	\$200.00	\$745.33

QUADGUARD ELITE SYSTEM	******	******	******	*******	
QUADGUARD ELITE SYSTEM QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS	******	******	*****	*****	******
				\$800.00	\$726.33
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS	*******	******	*******	\$800.00 \$800:00	\$726.33 \$1,185.67
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS 162 QUADGUARD ELITE FENDER PANEL	*********	EA	\$400.00		
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS 162 QUADGUARD ELITE FENDER PANEL 163 QUADGUARD ELITE DAPHRAGM ASSEMBLY	********** 2 2	EA EA	\$400.00 \$400.00	\$800:00	\$1,185.67
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS 162 QUADGUARD ELITE FENDER PANEL 163 QUADGUARD ELITE DAPHRAGM ASSEMBLY 164 QUADGUARD ELITE NOSE BELT ASSEMBLY	*********** 2 2 2	EA EA EA	\$400.00 \$400.00 \$450.00	\$800:00 \$900.00	\$1,185.67 \$2,812.33
QUADGUARD ELITE SYSTEM - BAY REPLACEMENT PARTS 162 QUADGUARD ELITE FENDER PANEL 163 QUADGUARD ELITE DAPHRAGM ASSEMBLY 164 QUADGUARD ELITE NOSE BELT ASSEMBLY	**************************************	EA EA EA EA EA	\$400.00 \$400.00 \$450.00 \$500.00	\$800:00 \$900.00 \$1,000.00	\$1,185.67 \$2,812.33 \$2,645.00

Attachment 4

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PROJECT NAME: ANNUAL GUARDRAIL CONTRACT PROJECT NUMBER: 2014051 PROPOSAL

PROPOSAL			SOUTI ATTENUA		ENGINEERS' ESTIMATE	
	ITEM	QUANTITY	UNITS	UNIT PRICE	TOTAL	
167	QUADGUARD ELITE SYSTEM (7 BAY) - 90" WIDE INCL./ALL HARDWARE	1	EA	\$33,000.00	\$33,000.00	\$35,063.33
168	QUADGUARD ELITE SYSTEM (11 BAY) - 69" WIDE INCL./ALL HARDWARE	1	EA	\$40,000.00	\$40,000.00	\$43,264.00
169	QUADGUARD ELITE SYSTEM (11 BAY) - 90" WIDE INCL/ALL HARDWARE	1	EA	\$31,000.00	\$31,000.00	\$44,732.67
	TOTAL BID:	*****	******	*****	\$604,203.25	

NOTES:

- Items 1 through 5, REMOVAL AND DISPOSAL or DELIVERY of Guardrail items, Disposition of all materials in the field shall be at the discretion of the Road and Bridge Division or other Palm Beach County representative on-site.
- Item 8, SURCHARGE TO RESET GUARDRAIL POST ON BASE PLATE This item is considered an add-on to the per linear foot price for ITEM 7 - RESET GUARDRAIL and shall constitue all additional labor and materials for each post removed and reset on a surface-mounted base plate.
- 3. Item 9, RAISE AND RESET EXISTING GUARDRAIL (POSTS AND PANELS) shall include all labor, equipment an materials to vertically raise and reset existing guradrail sections to proper height as directed by Palm Beach County.
- 4. Item 59, ROUND-OFF TOP OF WOODEN GUARDRAIL POST AND BLOCK (ALL SIDES) shall include all labor, router equipment and materials to produce a routed, 3/4" round over on all top edges and corners of wooden posts and blocks adjacent to, and/or within 2' of, pedestrian sidewalks and pathways.
- 5. Items 11 through 99 and 166 through 169, FURNISH AND INSTALL, COMPLETE shall mean complete installation under any field conditions (in concrete, asphalt, etc.).
- 6. Items 100 through 165, FURNISH ONLY, DELIVERED shall include all hardware, etc. required for completed installation of the component parts by the Road and Bridge Division or other Palm Beach County personnel.

+ Indicates a discrepency/erro	r in the item.
Working days to complete: Ann	uals to be completed on a Task Order Basis
Bids as read at opening of Tues	sday, June 11, 2013; 2PM
All bids subject to OSBA SBE of	compliance and Board Approval.
Prepared by: Joseph M. Totino,	Project Coordinator II
Checked by: David Young, P.E	., Special Projects Program Manager