Agenda Item is over 50 pages; may be viewed in the Minutes Department

Agenda Item #: 3-C-1

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: September 12, 2017 [X] **Consent** [ ] **Regular**
[ ] **Ordinance** [ ] **Public Hearing**

Department:	**Engineering & Public Works**
Submitted By:	**Engineering & Public Works**
Submitted For:	**Roadway Production Division**

EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a contract with Hardrives, Inc. (Hardrives) in the amount of $5,025,814.20 for the construction of Roebuck Road from Jog Road to Haverhill Road, and Roebuck Road and Jog Road Intersection Improvements (Project).

SUMMARY: Approval of this contract will allow Palm Beach County to issue a notice to proceed to Hardrives, a Palm Beach County based company, to begin construction of the project. The work consists of widening Roebuck Road from Jog Road to east of Haverhill Road from a two-lane roadway to a 4-lane divided roadway, and includes drainage improvements, the addition of bike lanes, reconstruction of sidewalks and traffic signal improvements at the intersection with Haverhill Road. The Jog Road and Roebuck Road intersection improvements will include modifications to the geometric alignment, asphalt resurfacing, and the addition of drainage inlets, a concrete shoulder barrier, and guardrail. The Small Business Enterprise (SBE) goal for all contracts is 15%. The lowest responsive, responsible bidder, Hardrives, committed to 16% SBE participation. Districts 2&7 (LBH)

Background and Justification: Bids for the project were received by the Engineering Department on June 20, 2017. Time to complete all work under this contract shall be 330 calendar days.

Attachments:
1. Location Map
2. Contracts (3)
3. Contract Pages C-1 and C-2
4. SBE Compliance Review
5. Bid Tabulations

Recommended by: [signature] 8/15/2017
Department Director Date

Approved by: [signature] 8/31/17
Assistant County Administrator Date

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II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	$ 5,630,738	-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	$ 5,630,738	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No:
Fund 3502 Dept 361 Unit 1391 Object 6551/6555

Recommended Sources of Funds/Summary of Fiscal Impact:
Road Impact Fee Zone 2
Roebuck Rd/Jog Rd to Haverhill Rd

Construction Contract	$5,025,814.20
Contingency	$ 150,774.88
Testing Lab	$ 45,000.00
Traffic Signalization, Striping & Signage	$ 52,398.92
Staff Costs -	
Roadway Production	$ 100,500.00
Roadway Production (Survey)	$ 50,250.00
Construction Coordination	$ 201,000.00
Traffic	$ 5,000.00
Fiscal Impact	$5,630,738.00

C. Departmental Fiscal Review: [signature]

III. REVIEW COMMENTS

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

[signature] 8/16/17
OFMB ET 8/16

[signature] 8/29/17
Contract Dev. and Control
8/29/17 TW

B. Approved as to Form
and Legal Sufficiency:

[signature]
8/31/2017 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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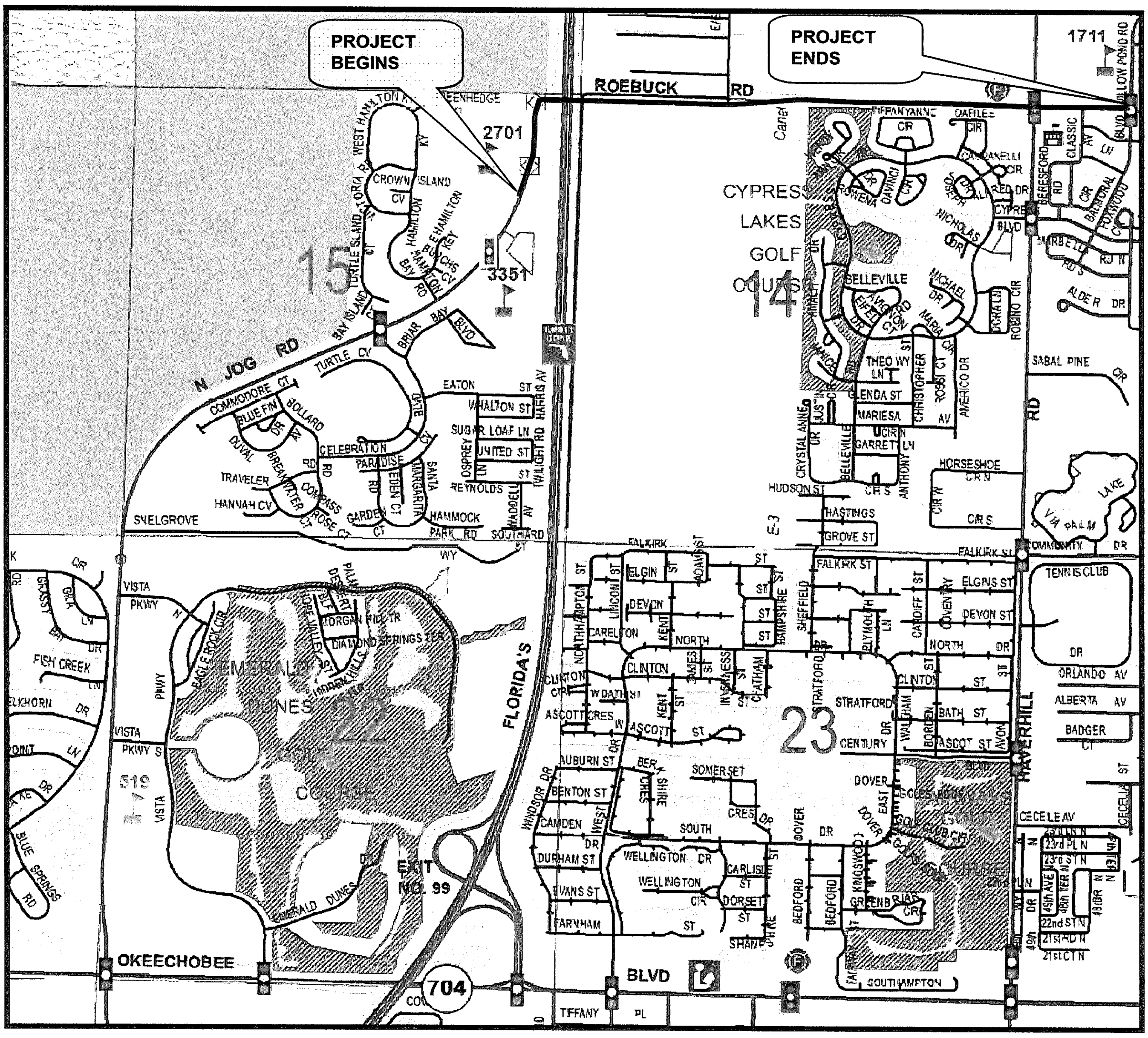
ATTACHMENT 1

PROJECT LOCATION

ROEBUCK ROAD FROM JOG ROAD TO HAVERHILL ROAD, AND ROEBUCK ROAD AND JOG ROAD INTERSECTION

PALM BEACH COUNTY PROJECT NO. 2013529 & 2013529A



LOCATION MAP

CONTRACT

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 "County"), and Hardrives, Inc. of Delray Beach, 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, and means of transportation for the complete construction of:

PROJECT NAME: **ROEBUCK ROAD FROM JOG ROAD TO HAVERHILL ROAD & ROEBUCK ROAD/JOG ROAD INTERSECTION**

PROJECT NOS.: **2013529 & 2013529A**

IN THE AMOUNT OF:

FIVE MILLION TWENTY FIVE, EIGHT HUNDRED FOURTEEN DOLLARS & 20/100
(IN WORDS)

$ 5,025,814.20
(IN FIGURES)

in Palm Beach County, Florida, in the manner and to the full extent as set forth in the Contract Documents therefore and the Contract Documents relative thereto, 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.

The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within fourteen (14) calendar days of the date set forth in the "Notice to Proceed". The time limit for the completion of all work under this contract shall be (330) calendar days, (see Special Provisions). The date fixing this period upon the calendar shall be established and stated in the "Notice to Proceed". After commencement of the work, it shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully completed within the time limit. 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 (in accordance with Section 8-10.2 of the Standard Specifications) and added expense for supervision.

CONTRACT

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: ______________________
Paulette Burdick, Mayor

____
APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

____
APPROVED AS TO TERMS
AND CONDITIONS

____
(witness signature)

Hardrives of Delray, Inc. dba Hardrives, Inc.
(Corporate Name)

Debra M. Chatman
(witness name printed)

a Florida corporation
(insert state of incorporation)

____
(witness signature)

By: ______________________
(signature)

Sherry Connors
(witness name printed)

W. Allen Poston
(print signatory's name)

Its Vice President
(print title)

July 13, 2017
(date)

(Corporate Seal)

JUL 07 2017

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

PALM BEACH COUNTY OSBA OFFICE OF SMALL BUSINESS ASSISTANCE
SMALL BUSINESS IS BIG BUSINESS

Palm Beach County Board of County Commissioners
Paulette Burdick, Mayor
Melissa McKinlay, Vice Mayor
Hal R. Valeche
Dave Kerner
Steven L. Abrams
Mary Lou Berger
Mack Bernard

County Administrator
Verdenia C. Baker

"An Equal Opportunity Affirmative Action Employer"

DATE: July 6, 2017

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

THROUGH: Tonya Davis Johnson, Director
Office of Small Business Assistance

FROM: Angela D. Smith, Small Business Development Specialist
Office of Small Business Assistance

SUBJECT: **Compliance Review on Project No. 2013529 & 2013529A Roebuck Road from Jog Road to Haverhill Road and Roebuck Road /Jog Road Intersection**

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was June 20, 2017. SBE participation is calculated on the Amount Less Contingency.

Bidder #1:	Hardrives, Inc. 2101 South Congress Avenue Delray Beach, FL 33445	
Phone:	561-278-0456	
Bid Amount:	$5,025,814.20	
Amount Less Contingency:	**$4,607,218.20**	
Goal:	15% Overall	
Goal Achieved:	**16%**	
SBE Participation:		
(SB)ENGENUITY GROUP, INC.	$57,856.00	1.25%
(SB)FINE-LINE STRIPING[1]	$50,000.00	1.08%
(SB)RAPID MILLING & PAVING, LLC[2]	$30,250.00	.65%
(SB)WM. D. ADEIMY, JR., INC.	$352,336.50	7.64%
(MB)O.C. UNLIMITED	$280,000.00	6.07%
	$770,442.50	**16%**

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[1] The dollar amounts on the Schedule 1 and Schedule 2 provided for Fine Line Striping, Inc. from Hardrives, Inc. did not match. Therefore, the total price/percentage was taken from the Schedule 2, since this was the document signed by both parties.

[2] The dollar amounts on the Schedule 1 and Schedule 2 provided for Rapid Milling & Paving, LLC from Hardrives, Inc. did not match. Therefore, the total price/percentage was taken from the Schedule 2 for the review, since this was the document signed by both parties.

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Bidder #2:	Rosso Site Development, Inc. 1302 S. J Street Lake Worth, FL 33460	
Phone:	561-689-0889	
Bid Amount:	$5,026,939.21	
Amount Less Contingency:	**$4,789,146.76**	
Goal:	15%	
Goal Achieved:	**40%**	
SBE Participation:		
(SB)ROSSO SITE DEVELOPMENT, INC.	**$1,921,083.10**	**40%**

Bidder #3:	Community Asphalt 7795 Hooper Rd. West Palm Beach, FL 33411	
Phone:	561-790-6467	
Bid Amount:	$5,047,864.35	
Amount Less Contingency:	**$4,654,498.35**	
Goal:	15%	
Goal Achieved:	**16%**	
SBE Participation:		
(SB)AGRICULTURAL LAND SERVICES, INC.	$41,693.04	.89%
(SB)TREECYCLE LAND CLEARING, INC.	$45,420.00	.97%
(SB)FINE-LINE STRIPING, INC.	$9,574.20	.20%
(SB)BULLDOG FENCE	$33,889.00	.72%
(SB)ENGENUITY GROUP, INC.	$63,547.00	1.36%
(SB)SIRDAR TRUCKING, INC.	$140,192.75	3.01%
(MB)ALL PHASE, INC.	$428,744.00	9.21%
	$763,059.99	**16%**

Bidder #4:	Engecon Construction, Inc. 2290 10th Avenue, N. Ste.# 408 Lake Worth, FL 33461	
Phone:	561-585-1565	
Bid Amount:	$5,055,846.90	
Amount Less Contingency:	**$4,816,888.90**	
Goal:	15%	
Goal Achieved:	**31%**	
SBE Participation:		
(MB)ENGECON CONSTRUCTION, INC.	**$1,535,721.15**	**31%**

Bidder #5:	Ranger Construction, Inc. 101 Sansbury's Way West Palm Beach, FL 33411	
Phone:	561-793-9400	
Bid Amount:	$5,739,900.70	
Amount Less Contingency:	**$5,454,219.00**	
Goal:	15%	
Goal Achieved:	**15%**	
SBE Participation:		
(SB)FINE-LINE STRIPING, INC.	$76,000.00	1.393%
(SB)ENGENUITY GROUP, INC.	$68,000.00	1.246%
(SB)AGRICULTURAL LAND SERVICES, INC.	$41,693.00	.764%
(MB)ALL-PHASE, INC.	$519,000.00	9.515%
(SB)TREECYCLE LAND CLEARING	$45,000.00	.825 %
(SB)BULLDOG FENCE	$68,889.00	1.263%
	$818,582.00	**15%**

Bidder #6:	IBT Construction, LLC 1200 Brickell Avenue, Ste. 1700 Miami, FL 33131	
Phone:	305-358-5055	
Bid Amount:	$6,109,876.54	
Amount Less Contingency:	**$5,841,280.89**	
Goal:	15%	
Goal Achieved:	**15%**	
SBE Participation:		
(SB)UTILITY SUPPLY	$74,897.00	1.28%
(SB)ENGENUITY GROUP, INC.	$57,856.00	.99%
(MB)O.C. UNLIMITED	$237,120.00	4.05%
(SB)WM. D. ADEIMY, JR., INC.	$409,097.39	7%
(SB)BULLDOG FENCE	$45,889.00	.78%
(SB)TRINITY STRIPING, INC.	$91,622.10	1.56%
	$916,481.49	**15%**

EVALUATION:

Bidder #1, **Hardrives of Delray, Inc., d/b/a Hardrives, Inc.**, has met the SBE goal for this project.

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS FOR ALL BIDDERS	ENGINEERS ESTIMATE	Harddrives, Inc.		Rosso Site Dev., Inc.		Community Asphalt	
				UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
ROADWAY ITEMS											
1	Mobilization	1	LS	$ 452,457.82	$ 350,000.00	$ 314,500.00	$ 314,500.00	$ 550,276.92	$ 550,276.92	$ 112,970.00	$ 112,970.00
2	Maintenance of Traffic (includes Pedestrian MOT)	1	LS	$ 193,570.32	$ 200,000.00	$ 136,731.00	$ 136,731.00	$ 154,690.91	$ 154,690.91	$ 142,000.00	$ 142,000.00
3	Clearing & Grubbing	1	LS	$ 252,189.88	$ 100,000.00	$ 69,930.00	$ 69,930.00	$ 270,443.63	$ 270,443.63	$ 251,200.00	$ 251,200.00
4	Floating Turbidity Barrier	161	LF	$ 14.62	$ 9.75	$ 23.00	$ 3,703.00	$ 9.82	$ 1,581.02	$ 12.00	$ 1,932.00
5	Regular Excavation	17,376	CY	$ 5.23	$ 5.45	$ 3.30	$ 57,340.80	$ 3.65	$ 63,422.40	$ 8.80	$ 152,908.80
6	Embankment (Compacted in Place)	3,531	CY	$ 7.67	$ 11.40	$ 5.60	$ 19,773.60	$ 4.25	$ 15,006.75	$ 8.95	$ 31,602.45
7	Canal Excavation	322	CY	$ 19.50	$ 5.95	$ 38.90	$ 12,525.80	$ 5.44	$ 1,751.68	$ 23.15	$ 7,454.30
8	Canal Embankment	243	CY	$ 15.11	$ 8.94	$ 7.80	$ 1,895.40	$ 5.44	$ 1,321.92	$ 30.70	$ 7,460.10
9	Coarse Aggregate (#57 Stone)	20	CY	$ 134.93	$ 25.00	$ 33.30	$ 666.00	$ 34.70	$ 694.00	$ 75.60	$ 1,512.00
10	Type B Stabilized Subgrade (LBR 40 - 12" thick)	22,732	SY	$ 5.11	$ 5.42	$ 5.20	$ 118,206.40	$ 2.75	$ 62,513.00	$ 4.20	$ 95,474.40
11	Baserock (13-1/2" thick - LBR 100)	5,345	SY	$ 27.66	$ 26.50	$ 22.10	$ 118,124.50	$ 18.57	$ 99,256.65	$ 27.20	$ 145,384.00
12	Baserock (8" thick - LBR 100)	18,531	SY	$ 14.18	$ 14.44	$ 11.80	$ 218,665.80	$ 13.18	$ 244,238.58	$ 15.50	$ 287,230.50
13	1" Type FC-9.5 Asphaltic Concrete	3,114	TN	$ 136.47	$ 137.82	$ 139.90	$ 435,648.60	$ 134.40	$ 418,521.60	$ 144.00	$ 448,416.00
14	1-1/2" Type SP-12.5 Asphaltic Concrete	1,744	TN	$ 97.81	$ 99.20	$ 120.40	$ 209,977.60	$ 94.50	$ 164,808.00	$ 101.50	$ 177,016.00
15	1-1/2" Type SP Asphaltic Concrete - ECR Access Road	229	SY	$ 11.62	$ 99.20	$ 9.60	$ 2,198.40	$ 21.55	$ 4,934.95	$ 11.10	$ 2,541.90
16	High Friction Surface Treatment	3,393	SY	$ 53.98	$ 35.00	$ 38.90	$ 131,987.70	$ 53.55	$ 181,695.15	$ 66.60	$ 225,973.80
17	Type SP Asphaltic Concrete Overbuild	3,459	TN	$ 103.41	$ 141.60	$ 120.40	$ 416,463.60	$ 99.75	$ 345,035.25	$ 107.00	$ 370,113.00
18	Miscellaneous Asphaltic Concrete	39	TN	$ 209.20	$ 160.00	$ 222.00	$ 8,658.00	$ 151.20	$ 5,896.80	$ 172.00	$ 6,708.00
19	Milling Existing Asphalt Pavement	35,192	SY	$ 2.12	$ 4.62	$ 2.00	$ 70,384.00	$ 1.89	$ 66,512.88	$ 1.95	$ 68,624.40
20	Remove Existing Endwall	1	EA	$ 10,478.33	$ 4,500.00	$ 5,550.00	$ 5,550.00	$ 15,120.00	$ 15,120.00	$ 5,000.00	$ 5,000.00
21	Inlets (Type P-1) (<10')	1	EA	$ 9,290.50	$ 6,300.00	$ 9,990.00	$ 9,990.00	$ 8,673.00	$ 8,673.00	$ 9,000.00	$ 9,000.00
22	Inlets (Type P-2) (<10')	2	EA	$ 10,057.92	$ 6,530.00	$ 11,100.00	$ 22,200.00	$ 8,347.50	$ 16,695.00	$ 10,000.00	$ 20,000.00
23	Inlets (Type P-5) (<10')	4	EA	$ 5,342.42	$ 4,776.50	$ 5,772.00	$ 23,088.00	$ 4,462.50	$ 17,850.00	$ 5,200.00	$ 20,800.00
24	Inlets (Type P-6) (<10')	12	EA	$ 6,197.00	$ 5,498.00	$ 7,437.00	$ 89,244.00	$ 4,305.00	$ 51,660.00	$ 6,700.00	$ 80,400.00
25	Inlets (Type J-6) (< 10')	1	EA	$ 10,932.08	$ 11,550.00	$ 11,655.00	$ 11,655.00	$ 10,237.50	$ 10,237.50	$ 10,500.00	$ 10,500.00
26	Inlets (Ditch Bottom - Type C)	1	EA	$ 3,686.92	$ 3,720.00	$ 3,885.00	$ 3,885.00	$ 3,496.50	$ 3,496.50	$ 3,500.00	$ 3,500.00
27	Inlets (Ditch Bottom - Type E)	4	EA	$ 4,521.13	$ 3,665.56	$ 4,884.00	$ 19,536.00	$ 3,312.75	$ 13,251.00	$ 4,400.00	$ 17,600.00
28	Inlets (Ditch Bottom - Type E w/slot & apron)	4	EA	$ 6,311.08	$ 3,975.00	$ 6,660.00	$ 26,640.00	$ 5,806.50	$ 23,226.00	$ 6,000.00	$ 24,000.00
29	Modified Inlet/Manhole Tops	6	EA	$ 1,888.75	$ 1,620.00	$ 2,220.00	$ 13,320.00	$ 682.50	$ 4,095.00	$ 2,000.00	$ 12,000.00
30	Modified Type C Inlet Structure	1	EA	$ 5,295.33	$ 3,000.00	$ 2,442.00	$ 2,442.00	$ 11,130.00	$ 11,130.00	$ 2,200.00	$ 2,200.00
31	Double Barrel Closed Flume Inlets	1	EA	$ 12,571.67	$ 5,696.25	$ 15,540.00	$ 15,540.00	$ 6,090.00	$ 6,090.00	$ 14,000.00	$ 14,000.00
32	Manhole (Type P-7 - <10')	10	EA	$ 5,455.00	$ 3,736.42	$ 6,105.00	$ 61,050.00	$ 4,305.00	$ 43,050.00	$ 5,500.00	$ 55,000.00
33	Manhole (Type J-7 - <10')	3	EA	$ 12,893.13	$ 9,900.00	$ 13,320.00	$ 39,960.00	$ 12,888.75	$ 38,666.25	$ 12,000.00	$ 36,000.00
34	Convert Inlet Top to Manhole	4	EA	$ 3,379.38	$ 2,155.00	$ 3,330.00	$ 13,320.00	$ 3,596.25	$ 14,385.00	$ 3,000.00	$ 12,000.00
35	Pipe Culvert (18" RCP)	1,626	LF	$ 79.67	$ 53.60	$ 75.00	$ 121,950.00	$ 88.20	$ 143,413.20	$ 68.00	$ 110,568.00
36	Pipe Culvert (24" RCP)	1,595	LF	$ 86.93	$ 68.05	$ 83.00	$ 132,385.00	$ 93.45	$ 149,052.75	$ 75.00	$ 119,625.00
37	Pipe Culvert (60" RCP)	131	LF	$ 343.25	$ 350.00	$ 289.00	$ 37,859.00	$ 367.50	$ 48,142.50	$ 260.00	$ 34,060.00
38	Pipe Culvert (12" x 18" RCP)	64	LF	$ 138.78	$ 92.40	$ 167.00	$ 10,688.00	$ 98.70	$ 6,316.80	$ 150.00	$ 9,600.00
39	Exfiltration Trench (24" RCP)	328	LF	$ 196.15	$ 205.00	$ 194.00	$ 63,632.00	$ 207.90	$ 68,191.20	$ 175.00	$ 57,400.00

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #		DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS FOR ALL BIDDERS	ENGINEERS ESTIMATE	Harddrives, Inc.		Rosso Site Dev., Inc.		Community Asphalt	
					UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
40		PVC Storm Drain (8")	522	LF	$ 31.48	$ 39.00	$ 33.00	$ 17,226.00	$ 28.35	$ 14,798.70	$ 30.00	$ 15,660.00
41		PVC Storm Drain (10")	103	LF	$ 40.37	$ 45.50	$ 44.00	$ 4,532.00	$ 31.50	$ 3,244.50	$ 40.00	$ 4,120.00
42		Yard Drain (Nyoplast - 8" w/ 15" grate)	8	EA	$ 1,927.88	$ 2,000.00	$ 2,331.00	$ 18,648.00	$ 1,076.25	$ 8,610.00	$ 2,100.00	$ 16,800.00
43		Double 60" Endwall - Concrete (Class I)	14	CY	$ 2,240.13	$ 3,145.00	$ 2,164.50	$ 30,303.00	$ 2,861.25	$ 40,057.50	$ 1,950.00	$ 27,300.00
44		Double 60" Endwall - Reinforcing Steel	824	LB	$ 5.26	$ 1.60	$ 10.00	$ 8,240.00	$ 1.05	$ 865.20	$ 9.00	$ 7,416.00
45		Double Mitered End Section - Side Drain (Round - 18" dia)	2	EA	$ 3,282.00	$ 1,303.80	$ 3,552.00	$ 7,104.00	$ 2,940.00	$ 5,880.00	$ 3,200.00	$ 6,400.00
46		Mitered End Section - Cross Drain (Round - 24" dia)	1	EA	$ 1,672.67	$ 1,609.45	$ 1,776.00	$ 1,776.00	$ 1,680.00	$ 1,680.00	$ 1,600.00	$ 1,600.00
47		Steel Pipe Guiderail	27	LF	$ 93.48	$ 57.53	$ 109.90	$ 2,967.30	$ 105.79	$ 2,856.33	$ 98.90	$ 2,670.30
48		Reset Steel Pipe Guiderail	9	LF	$ 16.95	$ 10.00	$ 17.80	$ 160.20	$ 23.10	$ 207.90	$ 16.00	$ 144.00
49		Type F Curb and Gutter	19,806	LF	$ 17.32	$ 16.00	$ 15.50	$ 306,993.00	$ 17.32	$ 343,039.92	14	$ 283,225.80
50		Concrete Sidewalk (4" Thick)	3,147	SY	$ 36.75	$ 37.90	$ 35.00	$ 110,145.00	$ 35.66	$ 112,222.02	$ 40.45	$ 127,296.15
51		Concrete Sidewalk (6" Thick)	54	SY	$ 53.92	$ 50.40	$ 50.00	$ 2,700.00	$ 53.68	$ 2,898.72	$ 63.25	$ 3,415.50
52		Concrete Barrier Wall (Shoulder)	521	LF	$ 264.30	$ 175.00	$ 255.30	$ 133,011.30	$ 229.51	$ 119,574.71	$ 313.00	$ 163,073.00
53		Color Treated Stamped Concrete (5" thick)	208	SY	$ 84.52	$ 73.40	$ 69.90	$ 14,539.20	$ 76.63	$ 15,939.04	$ 80.50	$ 16,744.00
54		Rock Rip-Rap (2-1/2' thick) (Including Filter Fabric)	614	TN	$ 173.77	$ 89.00	$ 177.60	$ 109,046.40	$ 168.00	$ 103,152.00	$ 160.00	$ 98,240.00
55		Remove Existing Guardrail	850	LF	$ 3.59	$ 5.00	$ 2.00	$ 1,700.00	$ 3.15	$ 2,677.50	$ 1.80	$ 1,530.00
56		Guardrail (Roadway)(F&I)	921	LF	$ 20.48	$ 37.75	$ 22.20	$ 20,446.20	$ 16.80	$ 15,472.80	$ 20.05	$ 18,466.05
57		Guardrail End Anchorage (Conc Barrier Wall) (F&I)	3	LF	$ 3,014.62	$ 2,500.00	$ 3,202.70	$ 9,608.10	$ 3,255.00	$ 9,765.00	$ 2,890.00	$ 8,670.00
58		End Anchorage Assemblies (Type Flare)	1	EA	$ 2,708.29	$ 2,900.00	$ 2,918.50	$ 2,918.50	$ 2,441.25	$ 2,441.25	$ 2,630.00	$ 2,630.00
59		Guardrail End Anchorage (Parallel) (F&I)	1	EA	$ 2,876.88	$ 3,000.00	$ 3,113.00	$ 3,113.00	$ 2,798.25	$ 2,798.25	$ 2,800.00	$ 2,800.00
60		Reset Guardrail End Anchorage (Parallel)	1	EA	$ 1,259.67	$ 1,500.00	$ 999.00	$ 999.00	$ 1,050.00	$ 1,050.00	$ 900.00	$ 900.00
61		Reset Existing Guardrail	492	LF	$ 8.63	$ 10.00	$ 8.00	$ 3,936.00	$ 10.50	$ 5,166.00	$ 7.15	$ 3,517.80
62		Relocate 6' Chain Link Fence	2,999	LF	$ 15.52	$ 29.00	$ 22.00	$ 65,978.00	$ 17.33	$ 51,972.67	$ 11.00	$ 32,989.00
63		Relocate 6' Chain Link Gates	3	EA	$ 594.50	$ 1,600.00	$ 777.00	$ 2,331.00	$ 840.00	$ 2,520.00	$ 300.00	$ 900.00
64		2-2" PVC Conduits (Sch 40 - Traffic)	3,199	LF	$ 6.68	$ 6.70	$ 6.70	$ 21,433.30	$ 6.62	$ 21,177.38	$ 6.30	$ 20,153.70
65		1-2" Galvanized Riser Conduit	1	EA	$ 532.17	$ 600.00	$ 222.00	$ 222.00	$ 682.50	$ 682.50	$ 650.00	$ 650.00
66		Traffic & ISS Pull Boxes (17"x30"x24")	10	EA	$ 979.23	$ 760.00	$ 841.40	$ 8,414.00	$ 945.00	$ 9,450.00	$ 900.00	$ 9,000.00
67		Traffic & ISS Large Pull Boxes (30"x48"x24")	4	EA	$ 1,542.35	$ 1,525.00	$ 1,393.10	$ 5,572.40	$ 1,491.00	$ 5,964.00	$ 1,420.00	$ 5,680.00
68		Detention Area Grading	16,117	SY	$ 0.84	$ 3.00	$ 1.00	$ 16,117.00	$ 0.59	$ 9,509.03	$ 0.90	$ 14,505.30
69		Sodding	19,582	SY	$ 2.95	$ 2.75	$ 2.00	$ 39,164.00	$ 3.60	$ 70,495.20	$ 3.45	$ 67,557.90
70		Seed & Mulch	13,428	SY	$ 0.93	$ 1.15	$ 0.50	$ 6,714.00	$ 0.50	$ 6,714.00	$ 1.15	$ 15,442.20
		SUBTOTAL (ROADWAY)						**$ 4,047,372.10**		**$ 4,338,225.91**		**$ 4,169,271.35**
SIGNALIZATION PAY ITEMS												
71	630-2-12-2-4	4-2" (HDPE SDRConduits - Signals (F&I - Under pavement)	640	LF	$ 29.41	$ 25.00	$ 30.10	$ 19,264.00	$ 29.40	$ 18,816.00	$ 28.00	$ 17,920.00
72	632-7-1	Signal Cable	1	PI	$ 7,269.72	$ 5,000.00	$ 8,090.80	$ 8,090.80	$ 6,772.50	$ 6,772.50	$ 6,450.00	$ 6,450.00
73	635-2-11	Pull & Junction Boxes (F&I - Pull Box)	8	EA	$ 882.07	$ 550.00	$ 841.40	$ 6,731.20	$ 819.00	$ 6,552.00	$ 780.00	$ 6,240.00
74	649-31-103	Mast Arm Assembly - 55' (F&I - 150 - Single Arm)	1	EA	$ 40,911.00	$ 35,000.00	$ 39,208.50	$ 39,208.50	$ 41,107.50	$ 41,107.50	$ 39,150.00	$ 39,150.00
75	649-31-104	Mast Arm Assembly - 64' (F&I - 150 - Single Arm)	2	EA	$ 46,548.55	$ 38,000.00	$ 44,968.30	$ 89,936.60	$ 46,263.00	$ 92,526.00	$ 44,060.00	$ 88,120.00
76	649-31-104	Mast Arm Assembly - 68' (F&I - 150 - Single Arm)	1	EA	$ 46,665.15	$ 42,000.00	$ 45,367.90	$ 45,367.90	$ 46,263.00	$ 46,263.00	$ 44,060.00	$ 44,060.00
77	646-1-11	Aluminum Signal Poles (F&I - Pedestal)	5	EA	$ 1,064.05	$ 900.00	$ 1,103.30	$ 5,516.50	$ 1,071.00	$ 5,355.00	$ 1,020.00	$ 5,100.00

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #		DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS FOR ALL BIDDERS	ENGINEERS ESTIMATE	Harddrives, Inc.		Rosso Site Dev., Inc.		Community Asphalt	
					UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
78	650-1-14	Traffic Signal - 3 sect, 1-way, Std)	10	AS	$ 1,036.52	$ 900.00	$ 1,166.60	$ 11,666.00	$ 997.50	$ 9,975.00	$ 950.00	$ 9,500.00
79	650-1-18	Traffic Signal - 5 sect, 1-way, Std)	5	AS	$ 1,662.50	$ 1,300.00	$ 1,927.00	$ 9,635.00	$ 1,533.00	$ 7,665.00	$ 1,460.00	$ 7,300.00
80	653-1-11	Pedestrian Signal (F&I - LED-countdown - 1-way)	2	AS	$ 731.50	$ 900.00	$ 741.50	$ 1,483.00	$ 724.50	$ 1,449.00	$ 690.00	$ 1,380.00
81	653-1-12	Pedestrian Signal (F&I - LED-countdown - 2-way)	3	AS	$ 1,268.58	$ 1,300.00	$ 1,382.00	$ 4,146.00	$ 1,249.50	$ 3,748.50	$ 1,190.00	$ 3,570.00
82	660-4-10	Vehicle Detection System - Video	4	EA	$ 7,286.32	$ 25,000.00	$ 7,677.90	$ 30,711.60	$ 7,140.00	$ 28,560.00	$ 6,800.00	$ 27,200.00
83	665-1-12	Pedestrian Detector (F&I - Pole Mounted Button)	8	EA	$ 526.15	$ 150.00	$ 1,300.90	$ 10,407.20	$ 147.00	$ 1,176.00	$ 140.00	$ 1,120.00
84	670-5-110	Traffic Controller Assembly (F&I)	1	AS	$ 27,482.27	$ 30,000.00	$ 28,366.10	$ 28,366.10	$ 26,302.50	$ 26,302.50	$ 25,050.00	$ 25,050.00
85	700-5-22	Internally Illuminated Sign (F&I)	4	EA	$ 2,647.52	$ 3,000.00	$ 2,776.10	$ 11,104.40	$ 2,394.00	$ 9,576.00	$ 2,280.00	$ 9,120.00
86	700-3-101	Sign Panel (F&I - 15 sf or less) (Overhead Mount)	5	EA	$ 647.62	$ 600.00	$ 648.20	$ 3,241.00	$ 598.50	$ 2,992.50	$ 570.00	$ 2,850.00
87	650-1-60	Remove Traffic Signal Head Assembly	12	EA	$ 78.22	$ 35.00	$ 163.20	$ 1,958.40	$ 37.80	$ 453.60	$ 36.00	$ 432.00
88	653-1-60	Remove Pedestrian Signal Head Assembly	8	EA	$ 57.78	$ 32.50	$ 100.00	$ 800.00	$ 37.80	$ 302.40	$ 36.00	$ 288.00
89	665-1-60	Remove Signal Pedestal w/detector	1	EA	$ 53.86	$ 35.00	$ 50.10	$ 50.10	$ 18.90	$ 18.90	$ 18.00	$ 18.00
90	641-2-80	Remove Concrete Strain Pole	4	EA	$ 4,016.03	$ 2,500.00	$ 6,868.70	$ 27,474.80	$ 2,992.50	$ 11,970.00	$ 2,850.00	$ 11,400.00
91	630-2-60	Remove Conduit and Cabling	510	LF	$ 2.53	$ 5.00	$ 1.60	$ 816.00	$ 1.79	$ 912.90	$ 1.70	$ 867.00
92	700-3-601	Remove Sign Panel	6	EA	$ 51.50	$ 40.00	$ 129.90	$ 779.40	$ 12.60	$ 75.60	$ 12.00	$ 72.00
93	670-5-600	Remove Miscellaneous Signal Equipment	1	PI	$ 922.78	$ 1,000.00	$ 400.70	$ 400.70	$ 1,218.00	$ 1,218.00	$ 1,600.00	$ 1,600.00
94	670-5-600	Remove Traffic Controller Assembly	1	AS	$ 514.47	$ 2,000.00	$ 780.30	$ 780.30	$ 304.50	$ 304.50	$ 290.00	$ 290.00
		SUBTOTAL (SIGNALIZATION)						**$ 357,935.50**		**$ 324,092.40**		**$ 309,097.00**
UTILITY ITEMS - CITY OF WEST PALM BEACH												
95		CWPB 24" DIP Water Main 6" Thick Concrete Cover Slab	650	LF	$ 97.23	$ 20.00	$ 134.00	$ 87,100.00	$ 47.25	$ 30,712.50	$ 121.00	$ 78,650.00
96		CWPB Relocate Surge Relief Valve Assembly	1	LS	$ 32,980.50	$ 30,000.00	$ 33,633.00	$ 33,633.00	$ 32,550.00	$ 32,550.00	$ 30,300.00	$ 30,300.00
97		CWPB - Relocate Power Pole	1	EA	$ 6,942.92	$ 15,000.00	$ 5,550.00	$ 5,550.00	$ 3,937.50	$ 3,937.50	$ 3,750.00	$ 3,750.00
		SUBTOTAL (UTILITY CITY OF WPB)						**$ 126,283.00**		**$ 67,200.00**		**$ 112,700.00**
UTILITY ITEMS - PALM BEACH COUNTY WATER UTILITIES												
98		Removal of Concrete Slab (Sta 1231+25, 48' RT)	1	LS	$ 1,129.46	$ 500.00	$ 1,232.00	$ 1,232.00	$ 624.75	$ 624.75	$ 1,110.00	$ 1,110.00
99		Replace and Adjust Valve Boxes (F&I)	6	EA	$ 456.50	$ 350.00	$ 389.00	$ 2,334.00	$ 525.00	$ 3,150.00	$ 350.00	$ 2,100.00
100		Removal and Disposal of Exist Offset Air Release Valve w/MH (All Incl.) (Sta 1230+63, 60' LT)	1	EA	$ 4,061.13	$ 2,500.00	$ 5,006.00	$ 5,006.00	$ 2,220.75	$ 2,220.75	$ 4,510.00	$ 4,510.00
101		ARV Manhole, Protect and Adjust (Sta 1206+43, 10' RT)	1	EA	$ 3,647.83	$ 750.00	$ 4,884.00	$ 4,884.00	$ 903.00	$ 903.00	$ 4,400.00	$ 4,400.00
102		2" Offset Air Release Valve w/Manhole for 54" Force Main (All Incl.) (F&I) (Sta 1230+63, 45' LT)	1	EA	$ 22,805.00	$ 10,000.00	$ 28,305.00	$ 28,305.00	$ 13,125.00	$ 13,125.00	$ 25,500.00	$ 25,500.00
103		Relocate Exist. Fire Hydrant - Pipe Extension Only (6" DIP <10', no tap) (Sta 1231+00, 75' LT)	1	EA	$ 3,042.50	$ 1,500.00	$ 3,552.00	$ 3,552.00	$ 1,323.00	$ 1,323.00	$ 3,200.00	$ 3,200.00
104		Removal of Bollards (SW Corner - Roebuck & Haverhill Rds)	6	EA	$ 161.64	$ 20.00	$ 177.60	$ 1,065.60	$ 173.25	$ 1,039.50	$ 160.00	$ 960.00
105		Deflect Exist 10" DIP Water Main under 24" RCP w/DIP as needed (Fittings & Restraints Incl.) (F&I) (Sta 1237+45, 51' LT and 1238+50, 31' LT per WUD detail 19W)	2	EA	$ 11,071.50	$ 5,000.00	$ 6,549.00	$ 13,098.00	$ 15,750.00	$ 31,500.00	$ 5,900.00	$ 11,800.00
106		Flow Meter Box - Adjust Top to Finished Grade	1	LS	$ 1,778.04	$ 5,000.00	$ 2,387.00	$ 2,387.00	$ 551.25	$ 551.25	$ 2,150.00	$ 2,150.00
107		Remove & Dispose of Concrete Pole	1	EA	$ 1,896.33	$ 1,000.00	$ 888.00	$ 888.00	$ 1,050.00	$ 1,050.00	$ 4,990.00	$ 4,990.00
108		Bacteriological Testing of WM after deflection	1	LS	$ 2,776.00	$ 1,000.00	$ 1,776.00	$ 1,776.00	$ 3,150.00	$ 3,150.00	$ 1,600.00	$ 1,600.00
109		Record Drawing	1	LS	$ 5,316.87	$ 2,500.00	$ 11,100.00	$ 11,100.00	$ 991.20	$ 991.20	$ 1,110.00	$ 1,110.00

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS FOR ALL BIDDERS UNIT PRICE	ENGINEERS ESTIMATE UNIT PRICE	Harddrives, Inc. UNIT PRICE	Harddrives, Inc. TOTAL	Rosso Site Dev., Inc. UNIT PRICE	Rosso Site Dev., Inc. TOTAL	Community Asphalt UNIT PRICE	Community Asphalt TOTAL
	SUBTOTAL (UTILITY CITY OF WPB)						$ 75,627.60		$ 59,628.45		$ 63,430.00
CONTINGENCY ITEMS											
110	Flowable Fill - Excavatable	100	CY	$ 179.50	$ 190.00	$ 200.00	$ 20,000.00	$ 147.00	$ 14,700.00	$ 235.00	$ 23,500.00
111	Class I Concrete (Miscellaneous)	100	CY	$ 283.83	$ 375.00	$ 333.00	$ 33,300.00	$ 210.00	$ 21,000.00	$ 390.00	$ 39,000.00
112	Support and Protect Utility Poles	12	EA	$ 2,143.33	$ 250.00	$ 2,220.00	$ 26,640.00	$ 1,890.00	$ 22,680.00	$ 2,750.00	$ 33,000.00
113	Support and Protect Underground Pipelines & Conduits	300	LF	$ 27.27	$ 23.70	$ 22.00	$ 6,600.00	$ 12.60	$ 3,780.00	$ 20.00	$ 6,000.00
114	Inlets (Type Valley Gutter)<(10')	2	EA	$ 4,733.00	$ 4,600.00	$ 5,328.00	$ 10,656.00	$ 4,200.00	$ 8,400.00	$ 4,800.00	$ 9,600.00
115	Storm Sewer Cleaning (24" or less)	6,157	LF	$ 6.61	$ 2.10	$ 11.00	$ 67,727.00	$ 4.20	$ 25,859.40	$ 10.00	$ 61,570.00
116	Storm Sewer Cleaning (>24")	2,447	LF	$ 17.78	$ 2.80	$ 33.00	$ 80,751.00	$ 12.60	$ 30,832.20	$ 30.00	$ 73,410.00
117	Temporary Fence	1,000	LF	$ 13.09	$ 12.00	$ 22.00	$ 22,000.00	$ 7.35	$ 7,350.00	$ 12.00	$ 12,000.00
118	Traffic Control Officer (NON MOT)	80	MH	$ 56.36	$ 52.00	$ 67.00	$ 5,360.00	$ 57.75	$ 4,620.00	$ 58.00	$ 4,640.00
119	Changeable (Variable Message) Sign (NON MOT)	30	ED	$ 19.70	$ 16.29	$ 33.00	$ 990.00	$ 14.70	$ 441.00	$ 12.00	$ 360.00
120	Premium for Conflict Conditions	3	EA	$ 16,344.17	$ 7,895.00	$ 24,420.00	$ 73,260.00	$ 9,345.00	$ 28,035.00	$ 22,000.00	$ 66,000.00
121	PBCWUD - Deflect Exist 16" DIP WM under Pond w/DIP as needed for3' Cover (Fittings & Restraints Incl.) (F&I) (Deflect WM ONLY in case of field issues per WUD detail 19W fromSta 1196+25 to Sta 1199+56)	331	LF	$ 162.77	$ 125.00	$ 173.00	$ 57,263.00	$ 180.60	$ 59,778.60	$ 156.00	$ 51,636.00
122	CWPB - Adjust Water Valve Boxes	16	EA	$ 351.08	$ 250.00	$ 389.00	$ 6,224.00	$ 367.50	$ 5,880.00	$ 350.00	$ 5,600.00
123	CWPB - Adjust Water Meter Boxes	1	EA	$ 458.33	$ 250.00	$ 611.00	$ 611.00	$ 315.00	$ 315.00	$ 550.00	$ 550.00
124	CWPB - Adjust Backflow Devices	1	EA	$ 2,240.21	$ 1,000.00	$ 2,720.00	$ 2,720.00	$ 656.25	$ 656.25	$ 2,450.00	$ 2,450.00
125	CWPB - Adjust Utility Manhole Tops	6	EA	$ 641.42	$ 500.00	$ 749.00	$ 4,494.00	$ 577.50	$ 3,465.00	$ 675.00	$ 4,050.00
	SUBTOTAL (CONTINGENCY)						$ 418,596.00		$ 237,792.45		$ 393,366.00
					TOTAL BID AMOUNT		$ 5,025,814.20		$ 5,026,939.21		$ 5,047,864.35

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #	DESCRIPTION	QTY	UNIT	Engecon Construction, Inc. UNIT PRICE	Engecon Construction, Inc. TOTAL	Ranger Construction Industries, Inc. UNIT PRICE	Ranger Construction Industries, Inc. TOTAL	IBT Construction UNIT PRICE	IBT Construction TOTAL
ROADWAY ITEMS									
1	Mobilization	1	LS	$464,000.00	$ 464,000.00	$673,000.00	$ 673,000.00	$ 600,000.00	$ 600,000.00
2	Maintenance of Traffic (includes Pedestrian MOT)	1	LS	$ 46,000.00	$ 46,000.00	$352,000.00	$ 352,000.00	$ 330,000.00	$ 330,000.00
3	Clearing & Grubbing	1	LS	$230,500.00	$ 230,500.00	$259,000.00	$ 259,000.00	$ 432,065.65	$ 432,065.65
4	Floating Turbidity Barrier	161	LF	$ 18.00	$ 2,898.00	$ 18.00	$ 2,898.00	$ 6.90	$ 1,110.90
5	Regular Excavation	17,376	CY	$ 2.70	$ 46,915.20	$ 8.70	$ 151,171.20	$ 4.20	$ 72,979.20
6	Embankment (Compacted in Place)	3,531	CY	$ 18.50	$ 65,323.50	$ 6.10	$ 21,539.10	$ 2.60	$ 9,180.60
7	Canal Excavation	322	CY	$ 35.00	$ 11,270.00	$ 9.90	$ 3,187.80	$ 4.60	$ 1,481.20
8	Canal Embankment	243	CY	$ 26.60	$ 6,463.80	$ 16.30	$ 3,960.90	$ 3.80	$ 923.40
9	Coarse Aggregate (#57 Stone)	20	CY	$ 185.00	$ 3,700.00	$ 184.00	$ 3,680.00	$ 297.00	$ 5,940.00
10	Type B Stabilized Subgrade (LBR 40 - 12" thick)	22,732	SY	$ 8.50	$ 193,222.00	$ 5.70	$ 129,572.40	$ 4.30	$ 97,747.60
11	Baserock (13-1/2" thick - LBR 100)	5,345	SY	$ 25.50	$ 136,297.50	$ 45.90	$ 245,335.50	$ 26.70	$ 142,711.50
12	Baserock (8" thick - LBR 100)	18,531	SY	$ 16.50	$ 305,761.50	$ 10.60	$ 196,428.60	$ 17.50	$ 324,292.50
13	1" Type FC-9.5 Asphaltic Concrete	3,114	TN	$ 128.50	$ 400,149.00	$ 137.00	$ 426,618.00	$ 135.00	$ 420,390.00
14	1-1/2" Type SP-12.5 Asphaltic Concrete	1,744	TN	$ 90.50	$ 157,832.00	$ 93.50	$ 163,064.00	$ 86.44	$ 150,751.36
15	1-1/2" Type SP Asphaltic Concrete - ECR Access Road	229	SY	$ 11.05	$ 2,530.45	$ 8.80	$ 2,015.20	$ 7.60	$ 1,740.40
16	High Friction Surface Treatment	3,393	SY	$ 50.00	$ 169,650.00	$ 56.10	$ 190,347.30	$ 58.70	$ 199,169.10
17	Type SP Asphaltic Concrete Overbuild	3,459	TN	$ 95.50	$ 330,334.50	$ 90.80	$ 314,077.20	$ 107.00	$ 370,113.00
18	Miscellaneous Asphaltic Concrete	39	TN	$ 145.00	$ 5,655.00	$ 245.00	$ 9,555.00	$ 320.00	$ 12,480.00
19	Milling Existing Asphalt Pavement	35,192	SY	$ 1.95	$ 68,624.40	$ 2.20	$ 77,422.40	$ 2.70	$ 95,018.40
20	Remove Existing Endwall	1	EA	$ 15,410.00	$ 15,410.00	$ 5,490.00	$ 5,490.00	$ 16,300.00	$ 16,300.00
21	Inlets (Type P-1) (<10')	1	EA	$ 9,500.00	$ 9,500.00	$ 9,890.00	$ 9,890.00	$ 8,690.00	$ 8,690.00
22	Inlets (Type P-2) (<10')	2	EA	$ 11,000.00	$ 22,000.00	$ 11,000.00	$ 22,000.00	$ 8,900.00	$ 17,800.00
23	Inlets (Type P-5) (<10')	4	EA	$ 5,500.00	$ 22,000.00	$ 5,710.00	$ 22,840.00	$ 5,410.00	$ 21,640.00
24	Inlets (Type P-6) (<10')	12	EA	$ 6,800.00	$ 81,600.00	$ 7,360.00	$ 88,320.00	$ 4,580.00	$ 54,960.00
25	Inlets (Type J-6) (< 10')	1	EA	$ 11,000.00	$ 11,000.00	$ 11,500.00	$ 11,500.00	$ 10,700.00	$ 10,700.00
26	Inlets (Ditch Bottom - Type C)	1	EA	$ 3,600.00	$ 3,600.00	$ 3,850.00	$ 3,850.00	$ 3,790.00	$ 3,790.00
27	Inlets (Ditch Bottom - Type E)	4	EA	$ 4,500.00	$ 18,000.00	$ 4,840.00	$ 19,360.00	$ 5,190.00	$ 20,760.00
28	Inlets (Ditch Bottom - Type E w/slot & apron)	4	EA	$ 6,500.00	$ 26,000.00	$ 6,590.00	$ 26,360.00	$ 6,310.00	$ 25,240.00
29	Modified Inlet/Manhole Tops	6	EA	$ 2,000.00	$ 12,000.00	$ 2,200.00	$ 13,200.00	$ 2,230.00	$ 13,380.00
30	Modified Type C Inlet Structure	1	EA	$ 11,350.00	$ 11,350.00	$ 2,420.00	$ 2,420.00	$ 2,230.00	$ 2,230.00
31	Double Barrel Closed Flume Inlets	1	EA	$ 14,000.00	$ 14,000.00	$ 15,400.00	$ 15,400.00	$ 10,400.00	$ 10,400.00
32	Manhole (Type P-7 - <10')	10	EA	$ 5,500.00	$ 55,000.00	$ 6,040.00	$ 60,400.00	$ 5,280.00	$ 52,800.00
33	Manhole (Type J-7 - <10')	3	EA	$ 13,150.00	$ 39,450.00	$ 13,200.00	$ 39,600.00	$ 12,800.00	$ 38,400.00
34	Convert Inlet Top to Manhole	4	EA	$ 3,700.00	$ 14,800.00	$ 3,300.00	$ 13,200.00	$ 3,350.00	$ 13,400.00
35	Pipe Culvert (18" RCP)	1,626	LF	$ 90.00	$ 146,340.00	$ 74.70	$ 121,462.20	$ 82.10	$ 133,494.60
36	Pipe Culvert (24" RCP)	1,595	LF	$ 96.00	$ 153,120.00	$ 82.40	$ 131,428.00	$ 91.70	$ 146,261.50
37	Pipe Culvert (60" RCP)	131	LF	$ 375.00	$ 49,125.00	$ 286.00	$ 37,466.00	$ 482.00	$ 63,142.00
38	Pipe Culvert (12" x 18" RCP)	64	LF	$ 150.00	$ 9,600.00	$ 165.00	$ 10,560.00	$ 102.00	$ 6,528.00
39	Exfiltration Trench (24" RCP)	328	LF	$ 215.00	$ 70,520.00	$ 192.00	$ 62,976.00	$ 193.00	$ 63,304.00

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

					Engecon Construction, Inc.		Ranger Construction Industries, Inc.		IBT Construction	
ITEM #		DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
40		PVC Storm Drain (8")	522	LF	$ 33.00	$ 17,226.00	$ 33.00	$ 17,226.00	$ 31.50	$ 16,443.00
41		PVC Storm Drain (10")	103	LF	$ 45.00	$ 4,635.00	$ 44.00	$ 4,532.00	$ 37.70	$ 3,883.10
42		Yard Drain (Nyoplast - 8" w/ 15" grate)	8	EA	$ 2,200.00	$ 17,600.00	$ 2,310.00	$ 18,480.00	$ 1,550.00	$ 12,400.00
43		Double 60" Endwall - Concrete (Class I)	14	CY	$ 1,035.00	$ 14,490.00	$ 2,140.00	$ 29,960.00	$ 3,290.00	$ 46,060.00
44		Double 60" Endwall - Reinforcing Steel	824	LB	$ 1.00	$ 824.00	$ 9.90	$ 8,157.60	$ 0.60	$ 494.40
45		Double Mitered End Section - Side Drain (Round - 18" dia)	2	EA	$ 3,200.00	$ 6,400.00	$ 3,520.00	$ 7,040.00	$ 3,280.00	$ 6,560.00
46		Mitered End Section - Cross Drain (Round - 24" dia)	1	EA	$ 1,600.00	$ 1,600.00	$ 1,760.00	$ 1,760.00	$ 1,620.00	$ 1,620.00
47		Steel Pipe Guiderail	27	LF	$ 100.00	$ 2,700.00	$ 109.00	$ 2,943.00	$ 37.30	$ 1,007.10
48		Reset Steel Pipe Guiderail	9	LF	$ 16.50	$ 148.50	$ 17.60	$ 158.40	$ 10.70	$ 96.30
49		Type F Curb and Gutter	19,806	LF	$ 14.00	$ 277,284.00	$ 16.40	$ 324,818.40	$ 26.40	$ 522,878.40
50		Concrete Sidewalk (4" Thick)	3,147	SY	$ 30.50	$ 95,983.50	$ 34.20	$ 107,627.40	$ 44.70	$ 140,670.90
51		Concrete Sidewalk (6" Thick)	54	SY	$ 45.00	$ 2,430.00	$ 59.50	$ 3,213.00	$ 52.07	$ 2,811.78
52		Concrete Barrier Wall (Shoulder)	521	LF	$ 215.00	$ 112,015.00	$ 248.00	$ 129,208.00	$ 325.00	$ 169,325.00
53		Color Treated Stamped Concrete (5" thick)	208	SY	$ 68.00	$ 14,144.00	$ 73.10	$ 15,204.80	$ 139.00	$ 28,912.00
54		Rock Rip-Rap (2-1/2' thick) (Including Filter Fabric)	614	TN	$ 175.00	$ 107,450.00	$ 176.00	$ 108,064.00	$ 186.00	$ 114,204.00
55		Remove Existing Guardrail	850	LF	$ 1.90	$ 1,615.00	$ 2.00	$ 1,700.00	$ 10.70	$ 9,095.00
56		Guardrail (Roadway)(F&I)	921	LF	$ 20.50	$ 18,880.50	$ 22.00	$ 20,262.00	$ 21.30	$ 19,617.30
57		Guardrail End Anchorage (Conc Barrier Wall) (F&I)	3	LF	$ 2,900.00	$ 8,700.00	$ 3,170.00	$ 9,510.00	$ 2,670.00	$ 8,010.00
58		End Anchorage Assemblies (Type Flare)	1	EA	$ 2,700.00	$ 2,700.00	$ 2,890.00	$ 2,890.00	$ 2,670.00	$ 2,670.00
59		Guardrail End Anchorage (Parallel) (F&I)	1	EA	$ 2,800.00	$ 2,800.00	$ 3,080.00	$ 3,080.00	$ 2,670.00	$ 2,670.00
60		Reset Guardrail End Anchorage (Parallel)	1	EA	$ 950.00	$ 950.00	$ 989.00	$ 989.00	$ 2,670.00	$ 2,670.00
61		Reset Existing Guardrail	492	LF	$ 7.50	$ 3,690.00	$ 7.90	$ 3,886.80	$ 10.70	$ 5,264.40
62		Relocate 6' Chain Link Fence	2,999	LF	$ 19.00	$ 56,981.00	$ 12.10	$ 36,287.90	$ 11.70	$ 35,088.30
63		Relocate 6' Chain Link Gates	3	EA	$ 1,000.00	$ 3,000.00	$ 330.00	$ 990.00	$ 320.00	$ 960.00
64		2-2" PVC Conduits (Sch 40 - Traffic)	3,199	LF	$ 6.05	$ 19,353.95	$ 6.90	$ 22,073.10	$ 7.50	$ 23,992.50
65		1-2" Galvanized Riser Conduit	1	EA	$ 71.50	$ 71.50	$ 714.00	$ 714.00	$ 853.00	$ 853.00
66		Traffic & ISS Pull Boxes (17"x30"x24")	10	EA	$ 760.00	$ 7,600.00	$ 989.00	$ 9,890.00	$ 1,440.00	$ 14,400.00
67		Traffic & ISS Large Pull Boxes (30"x48"x24")	4	EA	$ 1,260.00	$ 5,040.00	$ 1,560.00	$ 6,240.00	$ 2,130.00	$ 8,520.00
68		Detention Area Grading	16,117	SY	$ 1.45	$ 23,369.65	$ 0.20	$ 3,223.40	$ 0.90	$ 14,505.30
69		Sodding	19,582	SY	$ 1.85	$ 36,226.70	$ 3.20	$ 62,662.40	$ 3.60	$ 70,495.20
70		Seed & Mulch	13,428	SY	$ 0.50	$ 6,714.00	$ 1.50	$ 20,142.00	$ 1.40	$ 18,799.20
		SUBTOTAL (ROADWAY)				$ 4,304,164.15		$ 4,925,528.00		$ 5,296,291.09
SIGNALIZATION PAY ITEMS										
71	630-2-12-2-4	4-2" (HDPE SDRConduits - Signals (F&I - Under pavement)	640	LF	$ 27.25	$ 17,440.00	$ 30.80	$ 19,712.00	$ 30.90	$ 19,776.00
72	632-7-1	Signal Cable	1	PI	$ 7,325.00	$ 7,325.00	$ 7,090.00	$ 7,090.00	$ 7,890.00	$ 7,890.00
73	635-2-11	Pull & Junction Boxes (F&I - Pull Box)	8	EA	$ 765.00	$ 6,120.00	$ 857.00	$ 6,856.00	$ 1,230.00	$ 9,840.00
74	649-31-103	Mast Arm Assembly - 55' (F&I - 150 - Single Arm)	1	EA	$ 35,500.00	$ 35,500.00	$ 43,000.00	$ 43,000.00	$ 47,500.00	$ 47,500.00
75	649-31-104	Mast Arm Assembly - 64' (F&I - 150 - Single Arm)	2	EA	$ 40,700.00	$ 81,400.00	$ 48,400.00	$ 96,800.00	$ 54,900.00	$ 109,800.00
76	649-31-104	Mast Arm Assembly - 68' (F&I - 150 - Single Arm)	1	EA	$ 41,000.00	$ 41,000.00	$ 48,400.00	$ 48,400.00	$ 54,900.00	$ 54,900.00
77	646-1-11	Aluminum Signal Poles (F&I - Pedestal)	5	EA	$ 1,000.00	$ 5,000.00	$ 1,120.00	$ 5,600.00	$ 1,070.00	$ 5,350.00

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #		DESCRIPTION	QTY	UNIT	Engecon Construction, Inc. UNIT PRICE	Engecon Construction, Inc. TOTAL	Ranger Construction Industries, Inc. UNIT PRICE	Ranger Construction Industries, Inc. TOTAL	IBT Construction UNIT PRICE	IBT Construction TOTAL
78	650-1-14	Traffic Signal - 3 sect, 1-way, Std)	10	AS	$ 1,055.00	$ 10,550.00	$ 1,040.00	$ 10,400.00	$ 1,010.00	$ 10,100.00
79	650-1-18	Traffic Signal - 5 sect, 1-way, Std)	5	AS	$ 1,745.00	$ 8,725.00	$ 1,600.00	$ 8,000.00	$ 1,710.00	$ 8,550.00
80	653-1-11	Pedestrian Signal (F&I - LED-countdown - 1-way)	2	AS	$ 675.00	$ 1,350.00	$ 758.00	$ 1,516.00	$ 800.00	$ 1,600.00
81	653-1-12	Pedestrian Signal (F&I - LED-countdown - 2-way)	3	AS	$ 1,250.00	$ 3,750.00	$ 1,310.00	$ 3,930.00	$ 1,230.00	$ 3,690.00
82	660-4-10	Vehicle Detection System - Video	4	EA	$ 6,950.00	$ 27,800.00	$ 7,470.00	$ 29,880.00	$ 7,680.00	$ 30,720.00
83	665-1-12	Pedestrian Detector (F&I - Pole Mounted Button)	8	EA	$ 1,175.00	$ 9,400.00	$ 154.00	$ 1,232.00	$ 240.00	$ 1,920.00
84	670-5-110	Traffic Controller Assembly (F&I)	1	AS	$ 25,675.00	$ 25,675.00	$ 27,500.00	$ 27,500.00	$ 32,000.00	$ 32,000.00
85	700-5-22	Internally Illuminated Sign (F&I)	4	EA	$ 2,515.00	$ 10,060.00	$ 2,510.00	$ 10,040.00	$ 3,410.00	$ 13,640.00
86	700-3-101	Sign Panel (F&I - 15 sf or less) (Overhead Mount)	5	EA	$ 590.00	$ 2,950.00	$ 626.00	$ 3,130.00	$ 853.00	$ 4,265.00
87	650-1-60	Remove Traffic Signal Head Assembly	12	EA	$ 150.00	$ 1,800.00	$ 39.60	$ 475.20	$ 42.70	$ 512.40
88	653-1-60	Remove Pedestrian Signal Head Assembly	8	EA	$ 90.55	$ 724.40	$ 39.60	$ 316.80	$ 42.70	$ 341.60
89	665-1-60	Remove Signal Pedestal w/detector	1	EA	$ 45.35	$ 45.35	$ 19.80	$ 19.80	$ 171.00	$ 171.00
90	641-2-80	Remove Concrete Strain Pole	4	EA	$ 6,225.00	$ 24,900.00	$ 3,130.00	$ 12,520.00	$ 2,030.00	$ 8,120.00
91	630-2-60	Remove Conduit and Cabling	510	LF	$ 1.50	$ 765.00	$ 1.90	$ 969.00	$ 6.70	$ 3,417.00
92	700-3-601	Remove Sign Panel	6	EA	$ 120.00	$ 720.00	$ 13.20	$ 79.20	$ 21.30	$ 127.80
93	670-5-600	Remove Miscellaneous Signal Equipment	1	PI	$ 365.00	$ 365.00	$ 1,270.00	$ 1,270.00	$ 683.00	$ 683.00
94	670-5-600	Remove Traffic Controller Assembly	1	AS	$ 710.00	$ 710.00	$ 319.00	$ 319.00	$ 683.00	$ 683.00
		SUBTOTAL (SIGNALIZATION)				**$ 324,074.75**		**$ 339,055.00**		**$ 375,596.80**
UTILITY ITEMS - CITY OF WEST PALM BEACH										
95		CWPB 24" DIP Water Main 6" Thick Concrete Cover Slab	650	LF	$ 100.00	$ 65,000.00	$ 133.00	$ 86,450.00	$ 48.10	$ 31,265.00
96		CWPB Relocate Surge Relief Valve Assembly	1	LS	$ 34,000.00	$ 34,000.00	$ 33,300.00	$ 33,300.00	$ 34,100.00	$ 34,100.00
97		CWPB - Relocate Power Pole	1	EA	$ 3,000.00	$ 3,000.00	$ 4,120.00	$ 4,120.00	$ 21,300.00	$ 21,300.00
		SUBTOTAL (UTILITY CITY OF WPB)				**$ 102,000.00**		**$ 123,870.00**		**$ 86,665.00**
UTILITY ITEMS - PALM BEACH COUNTY WATER UTILITIES										
98		Removal of Concrete Slab (Sta 1231+25, 48' RT)	1	LS	$ 1,150.00	$ 1,150.00	$ 1,220.00	$ 1,220.00	$ 1,440.00	$ 1,440.00
99		Replace and Adjust Valve Boxes (F&I)	6	EA	$ 535.00	$ 3,210.00	$ 385.00	$ 2,310.00	$ 555.00	$ 3,330.00
100		Removal and Disposal of Exist Offset Air Release Valve w/MH (All Incl.) (Sta 1230+63, 60' LT)	1	EA	$ 4,550.00	$ 4,550.00	$ 4,960.00	$ 4,960.00	$ 3,120.00	$ 3,120.00
101		ARV Manhole, Protect and Adjust (Sta 1206+43, 10' RT)	1	EA	$ 4,400.00	$ 4,400.00	$ 4,840.00	$ 4,840.00	$ 2,460.00	$ 2,460.00
102		2" Offset Air Release Valve w/Manhole for 54" Force Main (All Incl.) (F&I) (Sta 1230+63, 45' LT)	1	EA	$ 25,500.00	$ 25,500.00	$ 28,000.00	$ 28,000.00	$ 16,400.00	$ 16,400.00
103		Relocate Exist. Fire Hydrant - Pipe Extension Only (6" DIP <10', no tap) (Sta 1231+00, 75' LT)	1	EA	$ 3,300.00	$ 3,300.00	$ 3,520.00	$ 3,520.00	$ 3,360.00	$ 3,360.00
104		Removal of Bollards (SW Corner - Roebuck & Haverhill Rds)	6	EA	$ 180.00	$ 1,080.00	$ 176.00	$ 1,056.00	$ 103.00	$ 618.00
105		Deflect Exist 10" DIP Water Main under 24" RCP w/DIP as needed (Fittings & Restraints Incl.) (F&I) (Sta 1237+45, 51' LT and 1238+50, 31' LT per WUD detail 19W)	2	EA	$ 16,050.00	$ 32,100.00	$ 6,480.00	$ 12,960.00	$ 15,700.00	$ 31,400.00
106		Flow Meter Box - Adjust Top to Finished Grade	1	LS	$ 2,150.00	$ 2,150.00	$ 2,360.00	$ 2,360.00	$ 1,070.00	$ 1,070.00
107		Remove & Dispose of Concrete Pole	1	EA	$ 1,000.00	$ 1,000.00	$ 1,540.00	$ 1,540.00	$ 1,910.00	$ 1,910.00
108		Bacteriological Testing of WM after deflection	1	LS	$ 3,210.00	$ 3,210.00	$ 1,800.00	$ 1,800.00	$ 5,120.00	$ 5,120.00
109		Record Drawing	1	LS	$ 5,000.00	$ 5,000.00	$ 1,200.00	$ 1,200.00	$ 12,500.00	$ 12,500.00

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
Palm Beach County Project Nos. 2013529 & 2013529A

ITEM #	DESCRIPTION	QTY	UNIT	Engecon Construction, Inc. UNIT PRICE	Engecon Construction, Inc. TOTAL	Ranger Construction Industries, Inc. UNIT PRICE	Ranger Construction Industries, Inc. TOTAL	IBT Construction UNIT PRICE	IBT Construction TOTAL
	SUBTOTAL (UTILITY CITY OF WPB)				$ 86,650.00		$ 65,766.00		$ 82,728.00
CONTINGENCY ITEMS									
110	Flowable Fill - Excavatable	100	CY	$ 145.00	$ 14,500.00	$ 165.00	$ 16,500.00	$ 185.00	$ 18,500.00
111	Class I Concrete (Miscellaneous)	100	CY	$ 300.00	$ 30,000.00	$ 220.00	$ 22,000.00	$ 250.00	$ 25,000.00
112	Support and Protect Utility Poles	12	EA	$ 1,500.00	$ 18,000.00	$ 2,000.00	$ 24,000.00	$ 2,500.00	$ 30,000.00
113	Support and Protect Underground Pipelines & Conduits	300	LF	$ 12.00	$ 3,600.00	$ 22.00	$ 6,600.00	$ 75.00	$ 22,500.00
114	Inlets (Type Valley Gutter)<(10')	2	EA	$ 4,050.00	$ 8,100.00	$ 5,270.00	$ 10,540.00	$ 4,750.00	$ 9,500.00
115	Storm Sewer Cleaning (24" or less)	6,157	LF	$ 6.00	$ 36,942.00	$ 3.90	$ 24,012.30	$ 4.55	$ 28,014.35
116	Storm Sewer Cleaning (>24")	2,447	LF	$ 15.00	$ 36,705.00	$ 8.20	$ 20,065.40	$ 7.90	$ 19,331.30
117	Temporary Fence	1,000	LF	$ 12.00	$ 12,000.00	$ 13.20	$ 13,200.00	$ 12.00	$ 12,000.00
118	Traffic Control Officer (NON MOT)	80	MH	$ 45.00	$ 3,600.00	$ 60.40	$ 4,832.00	$ 50.00	$ 4,000.00
119	Changeable (Variable Message) Sign (NON MOT)	30	ED	$ 15.00	$ 450.00	$ 27.50	$ 825.00	$ 16.00	$ 480.00
120	Premium for Conflict Conditions	3	EA	$ 7,000.00	$ 21,000.00	$ 24,200.00	$ 72,600.00	$ 11,100.00	$ 33,300.00
121	PBCWUD - Deflect Exist 16" DIP WM under Pond w/DIP as needed for3' Cover (Fittings & Restraints Incl.) (F&I) (Deflect WM ONLY in case of field issues per WUD detail 19W fromSta 1196+25 to Sta 1199+56)	331	LF	$ 136.00	$ 45,016.00	$ 171.00	$ 56,601.00	$ 160.00	$ 52,960.00
122	CWPB - Adjust Water Valve Boxes	16	EA	$ 300.00	$ 4,800.00	$ 385.00	$ 6,160.00	$ 315.00	$ 5,040.00
123	CWPB - Adjust Water Meter Boxes	1	EA	$ 300.00	$ 300.00	$ 604.00	$ 604.00	$ 370.00	$ 370.00
124	CWPB - Adjust Backflow Devices	1	EA	$ 625.00	$ 625.00	$ 2,690.00	$ 2,690.00	$ 4,300.00	$ 4,300.00
125	CWPB - Adjust Utility Manhole Tops	6	EA	$ 555.00	$ 3,330.00	$ 742.00	$ 4,452.00	$ 550.00	$ 3,300.00
	SUBTOTAL (CONTINGENCY)				$ 238,968.00		$ 285,681.70		$ 268,595.65
					$ 5,055,856.90		$ 5,739,900.70		$ 6,109,876.54

Roebuck Road from Jog Road to Haverhill Road & Roebuck Road & Jog Road Intersection
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THE ITEMS AND QUANTITIES SHOWN, SHALL GOVERN OVER THE PLANS.
PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

PAY ITEM FOOTNOTES:

1	All items shall include cost to furnish and install unless otherwise noted.
2	Pay Item 119 "Premium for Conflict Conditions" includes 2 contingency items for City of West Palm Beach utilities and 1 roadway contingency item.

Working days to complete project: 330 calendar days (See Special Provisions)
Bids as read at opening on Tuesday, JUNE 20, 2017; 2:00 PM
All bids subject to OSBA SBE compliance and Board Approval.
Prepared by: Donna Lewis, Technical Assistant III
Checked by: Holly B. Knight, P.E., Contracts Section Manager