

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

Agenda Item #: 3-C-3

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

Meeting Date: September 12, 2017	☒ Consent	☐ Regular
	☐ Ordinance	☐ Public Hearing

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

EXECUTIVE BRIEF

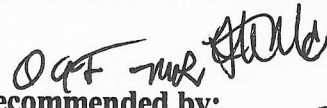
Motion and Title: Staff recommends motion to approve: a contract with R&D Paving, LLC (R&D) in the amount of \$1,612,166.88 for the construction of Lyons Road from Hillsboro Canal to SW 18th Street (Project).

SUMMARY: Approval of this contract will allow Palm Beach County to issue a notice to proceed to R&D, a Palm Beach County based company, to begin construction of the project. The work consists of the construction of a third southbound thru lane, two right turn lanes, sidewalks, drainage and new mast arm traffic signals at the intersection of SW 18th Street and Lyons Road. The Small Business Enterprise (SBE) goal for all contracts is 15%. The lowest responsive, responsible bidder, R&D, committed to 34.5% SBE participation. District 5 (LBH)

Background and Justification: Bids for the project were received by the Engineering Department on June 15, 2017. Time to complete all work under this contract shall be 150 calendar days.

Attachments:

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

 Recommended by: <u>Krf</u>	<u>[Signature]</u> Department Director	<u>8/15/2017</u> Date
Approved by: <u>[Signature]</u>	<u>[Signature]</u> Assistant County Administrator	<u>8/21/17</u> Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	<u>\$1,859,232</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Operating Costs	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
External Revenues	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Program Income (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
In-Kind Match (County)	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
NET FISCAL IMPACT	<u>\$1,859,232</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
# ADDITIONAL FTE					
POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No:

Fund 3505 Dept 361 Unit 1389 Object 6551/6555

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone 5
Lyons Road/Hillsboro Canal to S.W. 18th St.

Construction Contract	\$1,612,166.88
Testing Lab	\$ 11,000.00
Contingency	\$ 48,365.12
Traffic Signalization, Striping & Signage	\$ 50,000.00
Staff Costs -	
Roadway Production	\$ 32,200.00
Roadway Production (Survey)	\$ 16,100.00
Construction Coordination	\$ 64,400.00
Traffic	\$ 25,000.00
Fiscal Impact	<u>\$1,859,232.00</u>

C. Departmental Fiscal Review:

Alii Kovalainen

III. REVIEW COMMENTS

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

John Miller 8/16/17
OFMB ET 8/14
8/21/17

Dr. J. J. J. J. J. 8/18/17
Contract Dev. and Control
8/18/17 (12)

B. Approved as to Form and Legal Sufficiency:

Assistant County Attorney
8/21/17

C. Other Department Review:

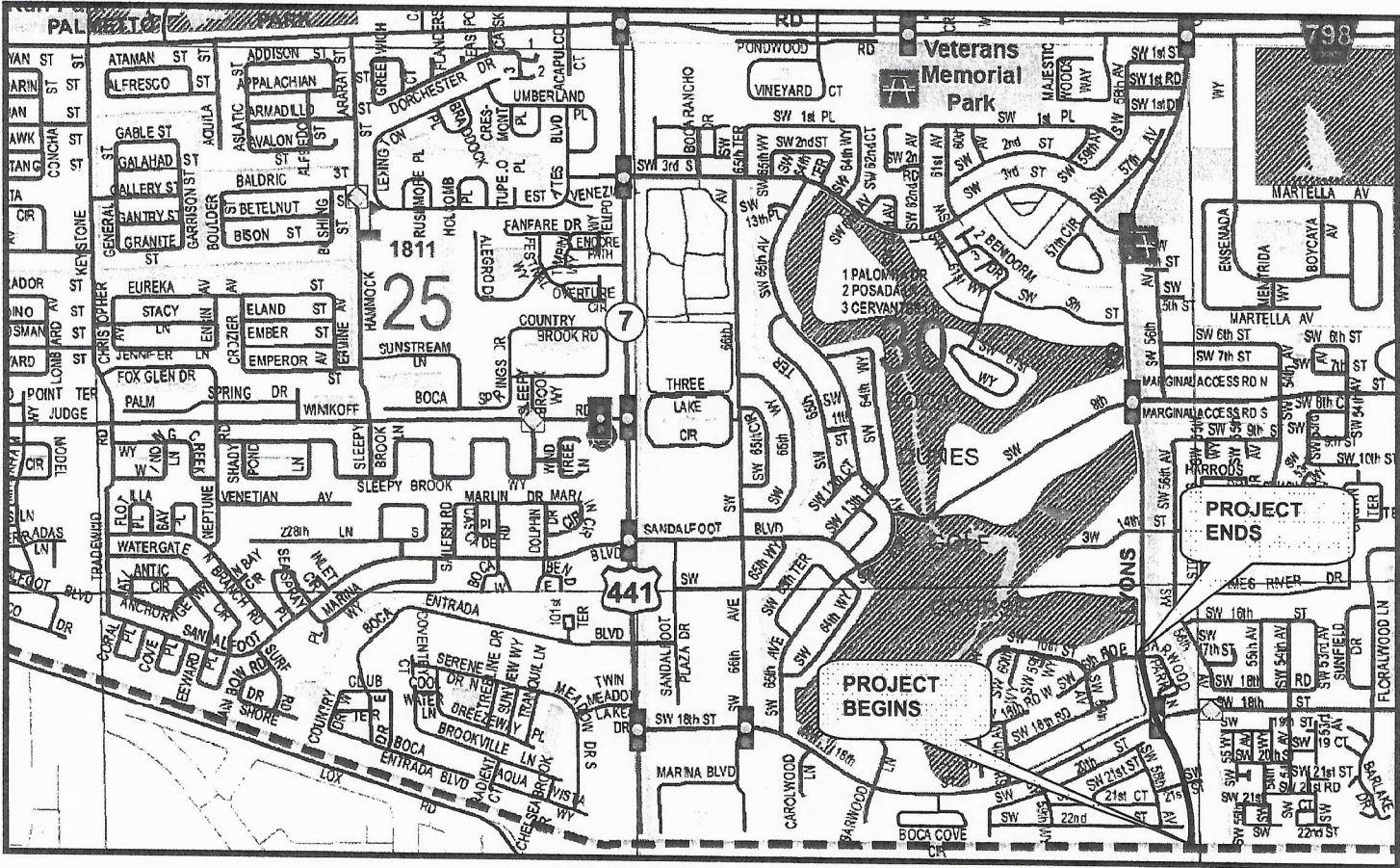
Department Director

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

PROJECT LOCATION

LYONS ROAD
HILLSBORO CANAL TO SW 18TH STREET

PALM BEACH COUNTY PROJECT NO. 2013530



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 R&D Paving, LLC of West Palm 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: LYONS ROAD, HILLSBORO CANAL TO SW 18TH STREET

PROJECT NO.: 2013530

IN THE AMOUNT OF:

ONE MILLION, SIX HUNDRED TWELVE THOUSAND, ONE HUNDRED SIXTY SIX DOLLARS & 88/100

(IN WORDS)

\$1,612,166.88

(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 (150) 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.

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

meagan martin
(witness signature)

Meagan Martin
(witness name printed)

Linda Lara
(witness signature)

Linda Lara
(witness name printed)

R + D Paving LLC
(Corporate Name)

a Florida corporation
(insert state of incorporation)

By: _____
(signature)

Nancy G. Ross
(print signatory's name)

Its Managing Member
(print title)

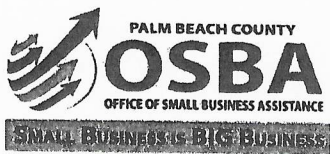
7-13-17
(date)

(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.pbcgov.com/osba



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. 2013530
Lyons Road, Hillsboro Canal to SW 18th Street

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was June 13, 2017. SBE participation is calculated on the Amount Less Contingency.

Bidder #1: R&D Paving, LLC
400 Executive Center Drive, Suite 210
West Palm Beach, FL 33401

Phone: 561-588-6681

Bid Amount: \$1,612,166.88

Amount Less Contingency: \$1,580,313.13

Goal: 15% Overall

Goal Achieved: 34.5%

SBE Participation:

(WB)R&D PAVING, LLC	\$545,737.70	34.5%
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Bidder #2: Weekly Asphalt Paving, Inc.
20701 Stirling Road
Pembroke Pines, FL 33332

Phone: 954-680-8005

Bid Amount: \$1,685,284.42

Amount Less Contingency: \$1,660,697.42

Goal: 15%

Goal Achieved: 22.9%

SBE Participation:

(MB)AUM CONSTRUCTION, INC.	\$381,726.00	22.9%
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Bidder #3:	FG Construction, LLC 2701 N.W. 55 th Court Tamarac, FL 33309
Phone:	954-766-4053
Bid Amount:	\$1,876,392.73
Amount Less Contingency:	\$1,841,149.63
Goal:	15%
Goal Achieved:	20.9%

SBE Participation:
(SB)RAPID MILLING & PAVING, LLC \$385,542.00 20.9%

Bidder #4:	Hardrives of Delray, Inc. d/b/a Hardrives, Inc. 2101 South Congress Avenue Delray Beach, FL 33445
Phone:	561-278-0456
Bid Amount:	\$1,990,691.50
Amount Less Contingency:	\$1,956,402.70
Goal:	15%
Goal Achieved:	15.3%

SBE Participation:

(WB)BIRD'S EYE VIEW	\$882.75	.045%
(SB)FINELINE STRIPING	\$46,000.00	2.35%
(SB) RAPID MILLING & PAVING, LLC	\$27,000.00	1.38%
(SB)WM. D. ADEIMY, JR., INC.	\$143,085.00	7.31%
(MB)O.C. UNLIMITED, INC.	<u>\$83,037.62</u>	<u>4.24%</u>
	\$300,005.37	15.3%

EVALUATION:

Bidder #1, R&D Paving, LLC., has met the SBE requirement for this project.

LYONS ROAD, HILLSBORO CANAL TO SW 18TH STREET				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	R&D Paving, LLC		Weekly Asphalt Paving, Inc.		FG Construction, LLC		Harddrives, Inc.	
PALM BEACH COUNTY PROJECT NO. 2013530													
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
ROADWAY ITEMS													
1	Mobilization	1	LS	\$ 141,801.14	\$ 95,000.00	\$ 120,000.00	\$ 120,000.00	\$ 22,065.00	\$ 22,065.00	\$ 190,039.55	\$ 190,039.55	\$ 235,100.00	\$ 235,100.00
2	Maintenance of Traffic (incl. Pedestrian M.O.T.)	1	LS	\$ 56,459.83	\$ 115,000.00	\$ 19,000.00	\$ 19,000.00	\$ 63,890.00	\$ 63,890.00	\$ 42,485.30	\$ 42,485.30	\$ 100,464.00	\$ 100,464.00
3	Clearing and Grubbing	1	LS	\$ 73,471.25	\$ 98,000.00	\$ 87,535.00	\$ 87,535.00	\$ 91,300.00	\$ 91,300.00	\$ 56,250.00	\$ 56,250.00	\$ 58,800.00	\$ 58,800.00
4	Regular Excavation	2,744	CY	\$ 17.81	\$ 11.59	\$ 9.85	\$ 27,028.40	\$ 28.10	\$ 77,106.40	\$ 19.28	\$ 52,904.32	\$ 14.00	\$ 38,416.00
5	Embankment (Compacted in Place)	43	CY	\$ 42.82	\$ 10.93	\$ 70.00	\$ 3,010.00	\$ 18.00	\$ 774.00	\$ 27.26	\$ 1,172.18	\$ 56.00	\$ 2,408.00
6	12" Compacted Subgrade	5,144	SY	\$ 4.99	\$ 1.50	\$ 4.70	\$ 24,176.80	\$ 4.00	\$ 20,576.00	\$ 3.27	\$ 16,820.88	\$ 8.00	\$ 41,152.00
7	Optional Base Group 13	4,776	SY	\$ 25.35	\$ 21.47	\$ 25.90	\$ 123,698.40	\$ 29.12	\$ 139,077.12	\$ 20.26	\$ 96,761.76	\$ 26.10	\$ 124,653.60
8	Superpave Asphalt Concrete (Traffic Level C) (1.5")	433	TN	\$ 155.62	\$ 111.45	\$ 135.00	\$ 58,455.00	\$ 116.50	\$ 50,444.50	\$ 220.68	\$ 95,554.44	\$ 150.30	\$ 65,079.90
9	Asph. Concrete Friction Course (1.0") (FC-9.5)	1,425	TN	\$ 173.29	\$ 106.65	\$ 165.90	\$ 236,407.50	\$ 130.00	\$ 185,250.00	\$ 244.96	\$ 349,068.00	\$ 152.30	\$ 217,027.50
10	Milling Exist. Pavement (1" min.)	18,732	SY	\$ 2.45	\$ 1.40	\$ 3.00	\$ 56,196.00	\$ 2.00	\$ 37,464.00	\$ 2.81	\$ 52,636.92	\$ 2.00	\$ 37,464.00
11	Inlets (Curb) (Type P-5)	7	EA	\$ 6,152.78	\$ 4,291.71	\$ 6,300.00	\$ 44,100.00	\$ 5,900.00	\$ 41,300.00	\$ 5,691.13	\$ 39,837.91	\$ 6,720.00	\$ 47,040.00
12	Inlets (Curb) (Type P-6)	2	EA	\$ 6,819.38	\$ 4,455.46	\$ 6,930.00	\$ 13,860.00	\$ 6,900.00	\$ 13,800.00	\$ 6,055.50	\$ 12,111.00	\$ 7,392.00	\$ 14,784.00
13	Inlets (Curb) (Type J-6)	2	EA	\$ 10,683.00	\$ 8,760.00	\$ 11,235.00	\$ 22,470.00	\$ 12,000.00	\$ 24,000.00	\$ 7,513.00	\$ 15,026.00	\$ 11,984.00	\$ 23,968.00
14	Manhole (Type P-7)	2	EA	\$ 6,485.88	\$ 4,465.75	\$ 6,720.00	\$ 13,440.00	\$ 6,000.00	\$ 12,000.00	\$ 6,055.50	\$ 12,111.00	\$ 7,168.00	\$ 14,336.00
15	Manhole (Type P-7) (Partial)	3	EA	\$ 3,228.72	\$ 2,625.16	\$ 3,150.00	\$ 9,450.00	\$ 2,900.00	\$ 8,700.00	\$ 3,504.88	\$ 10,514.64	\$ 3,360.00	\$ 10,080.00
16	Yard Drains	1	EA	\$ 2,681.00	\$ 55.00	\$ 2,625.00	\$ 2,625.00	\$ 3,000.00	\$ 3,000.00	\$ 2,299.00	\$ 2,299.00	\$ 2,800.00	\$ 2,800.00
17	Concrete Pipe Culvert (18")	289	LF	\$ 119.89	\$ 66.43	\$ 148.50	\$ 42,916.50	\$ 118.00	\$ 34,102.00	\$ 78.67	\$ 22,735.63	\$ 134.40	\$ 38,841.60
18	Concrete Pipe Culvert (24")	21	LF	\$ 262.89	\$ 132.83	\$ 283.50	\$ 5,953.50	\$ 360.00	\$ 7,560.00	\$ 105.66	\$ 2,218.86	\$ 302.40	\$ 6,350.40
19	Concrete Curb & Gutter (Type F)	3,226	LF	\$ 19.83	\$ 15.44	\$ 25.20	\$ 81,295.20	\$ 21.20	\$ 68,391.20	\$ 18.30	\$ 59,035.80	\$ 14.60	\$ 47,099.60
20	Conc Sidewalk (4" Thick)	1,742	SY	\$ 39.36	\$ 44.37	\$ 42.70	\$ 74,383.40	\$ 39.10	\$ 68,112.20	\$ 35.35	\$ 61,579.70	\$ 40.30	\$ 70,202.60
21	Concrete Traffic Separator Type IV Option I (Width Varies)	370	SY	\$ 62.84	\$ 60.00	\$ 79.30	\$ 29,341.00	\$ 77.40	\$ 28,638.00	\$ 44.25	\$ 16,372.50	\$ 50.40	\$ 18,648.00
22	Concrete Traffic Separator Type IV Option I (4' Wide)	453	SY	\$ 56.13	\$ 60.00	\$ 44.85	\$ 20,317.05	\$ 87.50	\$ 39,637.50	\$ 41.75	\$ 18,912.75	\$ 50.40	\$ 22,831.20
23	Engraving of Curb Face (See SP's)	4	EA	\$ 391.22	\$ 510.00	\$ 550.00	\$ 2,200.00	\$ 350.00	\$ 1,400.00	\$ 272.88	\$ 1,091.52	\$ 392.00	\$ 1,568.00
24	Concrete Barrier Wall	737	LF	\$ 208.29	\$ 200.00	\$ 52.50	\$ 38,692.50	\$ 242.40	\$ 178,648.80	\$ 146.25	\$ 107,786.25	\$ 392.00	\$ 288,904.00
25	Opaque Visual Barrier	737	LF	\$ 43.36	\$ 30.00	\$ 31.50	\$ 23,215.50	\$ 64.60	\$ 47,610.20	\$ 43.75	\$ 32,243.75	\$ 33.60	\$ 24,763.20
26	Sodding	510	SY	\$ 5.54	\$ 2.59	\$ 4.65	\$ 2,371.50	\$ 3.95	\$ 2,014.50	\$ 7.94	\$ 4,049.40	\$ 5.60	\$ 2,856.00
27	PBC Traffic ITS 2" Conduit (Galv.)	20	LF	\$ 19.55	\$ 9.26	\$ 17.75	\$ 355.00	\$ 20.00	\$ 400.00	\$ 21.13	\$ 422.60	\$ 19.30	\$ 386.00
28	2-2" Conduit Signals (F & I) (Under pavement) (Directional bore)	280	LF	\$ 22.70	\$ 14.38	\$ 23.14	\$ 6,479.20	\$ 20.00	\$ 5,600.00	\$ 27.55	\$ 7,714.00	\$ 20.10	\$ 5,628.00
29	ITS Pull & Spice Boxes (F & I) (Signal) (30"x48"x24"D)	1	EA	\$ 2,133.44	\$ 4,957.05	\$ 1,913.95	\$ 1,913.95	\$ 2,500.00	\$ 2,500.00	\$ 2,278.51	\$ 2,278.51	\$ 1,841.30	\$ 1,841.30
30	ITS Pull & Spice Boxes (F & I) (Signal) (17"x30"x24"D)	1	EA	\$ 1,095.33	\$ 1,585.04	\$ 840.88	\$ 840.88	\$ 1,500.00	\$ 1,500.00	\$ 1,001.05	\$ 1,001.05	\$ 1,039.40	\$ 1,039.40
SUBTOTAL (ROADWAY)							\$ 1,191,727.28		\$ 1,276,861.42		\$ 1,383,035.22		\$ 1,564,532.30

LYONS ROAD, HILLSBORO CANAL TO SW 18TH STREET					AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	R&D Paving, LLC		Weekly Asphalt Paving, Inc.		FG Construction, LLC		Harddrives, Inc.	
PALM BEACH COUNTY PROJECT NO. 2013530														
ITEM #		DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SIGNALIZATION PAY ITEMS														
31	630-2-11-2	2" PVC (SCH 40) UNDERGROUND CONDUIT	314	LF	\$ 10.28	\$ 9.58	\$ 9.25	\$ 2,904.50	\$ 15.00	\$ 4,710.00	\$ 10.98	\$ 3,447.72	\$ 5.90	\$ 1,852.60
32	630-2-12-2-2	2-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	350	LF	\$ 24.13	\$ 14.38	\$ 24.45	\$ 8,557.50	\$ 20.00	\$ 7,000.00	\$ 29.08	\$ 10,178.00	\$ 23.00	\$ 8,050.00
33	630-2-12-2-3	3-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	198	LF	\$ 25.05	\$ 15.38	\$ 25.85	\$ 5,118.30	\$ 22.00	\$ 4,356.00	\$ 30.75	\$ 6,088.50	\$ 21.60	\$ 4,276.80
34	630-2-12-2-4	4-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	276	LF	\$ 28.48	\$ 16.38	\$ 27.45	\$ 7,576.20	\$ 25.00	\$ 6,900.00	\$ 32.68	\$ 9,019.68	\$ 28.80	\$ 7,948.80
35	630-2-12-2-5	5-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	152	LF	\$ 31.71	\$ 17.38	\$ 29.05	\$ 4,415.60	\$ 30.00	\$ 4,560.00	\$ 34.59	\$ 5,257.68	\$ 33.20	\$ 5,046.40
36	630-2-14-2	2" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	60	LF	\$ 24.54	\$ 22.44	\$ 23.40	\$ 1,404.00	\$ 20.00	\$ 1,200.00	\$ 27.86	\$ 1,671.60	\$ 26.90	\$ 1,614.00
37	632-7-1-19C	SIGNAL CABLE (SPAN LENGTH 351' - 450')	1	PI	\$ 7,602.09	\$ 4,503.60	\$ 7,162.50	\$ 7,162.50	\$ 5,000.00	\$ 5,000.00	\$ 8,526.75	\$ 8,526.75	\$ 9,719.10	\$ 9,719.10
38	632-7-1-4A	PEDESTRIAN SIGNAL CABLE - 4 CONDUCTOR	1	PI	\$ 3,236.79	\$ 1,310.40	\$ 3,753.55	\$ 3,753.55	\$ 2,500.00	\$ 2,500.00	\$ 4,468.50	\$ 4,468.50	\$ 2,225.10	\$ 2,225.10
39	632-7-1-7A	PEDESTRIAN SIGNAL CABLE - 7 CONDUCTOR	1	PI	\$ 3,089.08	\$ 1,310.40	\$ 2,702.40	\$ 2,702.40	\$ 2,500.00	\$ 2,500.00	\$ 3,217.10	\$ 3,217.10	\$ 3,936.80	\$ 3,936.80
40	635-2-11	PULL BOX (13" x 24" x 12"D) HEAVY DUTY COVERS (TIER 15)	18	EA	\$ 742.65	\$ 613.20	\$ 673.75	\$ 12,127.50	\$ 800.00	\$ 14,400.00	\$ 802.05	\$ 14,436.90	\$ 694.80	\$ 12,506.40
41	635-2-13-B	PULL BOX (17" x 30" x 24"D) HEAVY DUTY SPLIT COVERS (ITS) (TIER 15)	1	EA	\$ 1,041.45	\$ 1,585.04	\$ 897.85	\$ 897.85	\$ 1,200.00	\$ 1,200.00	\$ 1,068.84	\$ 1,068.84	\$ 999.10	\$ 999.10
42	635-2-13-A	PULL BOX (30" x 48" x 24"D) HEAVY DUTY SPLIT COVERS (ITS) (TIER 15)	2	EA	\$ 2,104.21	\$ 4,957.05	\$ 1,913.95	\$ 3,827.90	\$ 2,500.00	\$ 5,000.00	\$ 2,278.50	\$ 4,557.00	\$ 1,724.40	\$ 3,448.80
43	639-1-113	ELECTRICAL POWER SERVICE (F & I) (OVERHEAD)	1	AS	\$ 2,952.57	\$ 2,630.51	\$ 3,091.15	\$ 3,091.15	\$ 3,500.00	\$ 3,500.00	\$ 3,679.91	\$ 3,679.91	\$ 1,539.20	\$ 1,539.20
44	639-2-1	ELECTRICAL SERVICE WIRE (SIGLE PHASE 3-WIRE, TRIPLEX)	300	LF	\$ 3.80	\$ 4.78	\$ 2.85	\$ 855.00	\$ 5.00	\$ 1,500.00	\$ 3.35	\$ 1,005.00	\$ 4.00	\$ 1,200.00
45	639-3-11	ELECTRICAL SERVICE DISCONNECT	1	EA	\$ 1,297.25	\$ 898.55	\$ 1,122.45	\$ 1,122.45	\$ 2,000.00	\$ 2,000.00	\$ 1,336.26	\$ 1,336.26	\$ 730.30	\$ 730.30
46	641-2-12-12	PRESTRESSED CONCRETE POLE (12' TYPE P-II)	1	EA	\$ 1,814.45	\$ 1,400.31	\$ 1,611.70	\$ 1,611.70	\$ 2,500.00	\$ 2,500.00	\$ 1,918.68	\$ 1,918.68	\$ 1,227.40	\$ 1,227.40
47	641-2-70B	CONCRETE POLE REMOVAL - DEEP (INCLUDES POLE AND COMPLETE REMOVAL OF THE POLE FOUNDATIOND DEPTH OF UP TO 25 FEET) INCLUDES DISPOSAL OF POLE WHEN INSTRUCTED BY ENGINEER	4	EA	\$ 3,679.03	\$ 512.03	\$ 3,982.15	\$ 15,928.60	\$ 500.00	\$ 2,000.00	\$ 4,740.68	\$ 18,962.72	\$ 5,493.30	\$ 21,973.20
48	646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL WITH TRANSFORMER BASE (8 FEET ABOVE GROUND)	7	EA	\$ 1,088.40	\$ 1,242.29	\$ 934.95	\$ 6,544.65	\$ 1,200.00	\$ 8,400.00	\$ 1,113.06	\$ 7,791.42	\$ 1,105.60	\$ 7,739.20
49	690-31-1	SIGNAL PEDESTAL, REMOVE	1	EA	\$ 208.00	\$ 179.30	\$ 227.70	\$ 227.70	\$ 100.00	\$ 100.00	\$ 271.08	\$ 271.08	\$ 233.20	\$ 233.20
50	649-31-104	MAST ARM ASSY D6-S4 70' 6" (POWDER COATED FINISH)	1	EA	\$ 49,760.10	\$ 38,723.60	\$ 46,749.10	\$ 46,749.10	\$ 52,000.00	\$ 52,000.00	\$ 55,653.71	\$ 55,653.71	\$ 44,637.60	\$ 44,637.60
51	649-31-108	MAST ARM ASSY D5-S23 60' W/LUM (POWDER COATED FINISH) (WILL BE CUT TO 50')	1	EA	\$ 48,477.02	\$ 36,715.95	\$ 46,303.80	\$ 46,303.80	\$ 48,000.00	\$ 48,000.00	\$ 55,123.56	\$ 55,123.56	\$ 44,480.70	\$ 44,480.70
52	649-31-108	MAST ARM ASSY D5-S23 60' W/LUM (POWDER COATED FINISH)	1	EA	\$ 47,819.27	\$ 36,715.95	\$ 45,398.55	\$ 45,398.55	\$ 48,000.00	\$ 48,000.00	\$ 54,045.91	\$ 54,045.91	\$ 43,832.60	\$ 43,832.60
53	649-31-109	MAST ARM ASSY D6-S24 70' 6" W/LUM (POWDER COATED FINISH)	1	EA	\$ 54,069.20	\$ 40,850.00	\$ 52,764.55	\$ 52,764.55	\$ 52,000.00	\$ 52,000.00	\$ 62,814.93	\$ 62,814.93	\$ 48,697.30	\$ 48,697.30
54	650-1-13	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 1-WAY) INCLUDES BACKPLATES	7	EA	\$ 966.04	\$ 955.02	\$ 899.70	\$ 6,297.90	\$ 1,000.00	\$ 7,000.00	\$ 1,071.05	\$ 7,497.35	\$ 893.40	\$ 6,253.80
55	650-1-15	TRAFFIC SIGNAL HEAD ALUMINUM (5-SECTION, 1-WAY) INCLUDES BACKPLATES	6	EA	\$ 1,540.26	\$ 1,682.30	\$ 1,516.90	\$ 9,101.40	\$ 1,200.00	\$ 7,200.00	\$ 1,805.84	\$ 10,835.04	\$ 1,638.30	\$ 9,829.80
56	653-191	PEDESTRIAN SIGNAL - COUNT DOWN (1-WAY) ALUMINUM	8	EA	\$ 707.58	\$ 618.88	\$ 645.25	\$ 5,162.00	\$ 800.00	\$ 6,400.00	\$ 768.18	\$ 6,145.44	\$ 616.90	\$ 4,935.20
57	660-4-10-B4	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (ITERIS) COMPLETE	1	EA	\$ 28,980.01	\$ 9,344.05	\$ 28,333.30	\$ 28,333.30	\$ 24,000.00	\$ 24,000.00	\$ 33,730.13	\$ 33,730.13	\$ 29,856.60	\$ 29,856.60
58	N/A	(CAMERA SYSTEM EQUIPMENT ALREADY INCLUDED IN 660-4-10-B4)	0	N/A				\$ -		\$ -		\$ -		\$ -
59	665-1-11	PEDESTRIAN DETECTOR (PUSH BUTTON)	8	EA	\$ 231.33	\$ 221.13	\$ 202.95	\$ 1,623.60	\$ 250.00	\$ 2,000.00	\$ 241.56	\$ 1,932.48	\$ 230.80	\$ 1,846.40
60	670-5-11A	TRAFFIC CONTROLLER ASSEMBLY (TYPE 5) AS PER NAZTEC	1	EA	\$ 31,504.08	\$ 25,064.28	\$ 29,589.20	\$ 29,589.20	\$ 32,000.00	\$ 32,000.00	\$ 35,225.23	\$ 35,225.23	\$ 29,201.90	\$ 29,201.90
61	690-50-0	REMOVE CONTROLLER ASSEMBLY COMPLETE WITH FOUNDATION - INCLUDES DELIVERY OF REMOVED CONTROLLER EQUIPMENT	1	EA	\$ 942.46	\$ 547.04	\$ 853.85	\$ 853.85	\$ 500.00	\$ 500.00	\$ 1,016.48	\$ 1,016.48	\$ 1,399.50	\$ 1,399.50
62	N/A	SIGN PANEL (F&I) (OVERHEAD) (< 12SF)	1	EA	\$ 488.45	\$ 490.02	\$ 446.75	\$ 446.75	\$ 500.00	\$ 500.00	\$ 531.85	\$ 531.85	\$ 475.20	\$ 475.20
63	700-5-22	INTERNALLY ILLUMINATED SIGN (8') FLUORESCENT	4	EA	\$ 3,689.39	\$ 3,231.97	\$ 3,368.20	\$ 13,472.80	\$ 3,200.00	\$ 12,800.00	\$ 4,009.74	\$ 16,038.96	\$ 4,179.60	\$ 16,718.40
SUBTOTAL (SIGNALIZATION)								\$ 375,925.85		\$ 371,726.00		\$ 447,494.41		\$ 378,431.40

LYONS ROAD, HILLSBORO CANAL TO SW 18TH STREET				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	R&D Paving, LLC		Weekly Asphalt Paving, Inc.		FG Construction, LLC		Harddrives, Inc.	
PALM BEACH COUNTY PROJECT NO. 2013530													
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
CONTINGENCY ITEMS													
64	Storm Sewer Cleaning (Exist.) (24" Or Less) (See SP's)	1,215	LF	\$ 9.56	\$ 3.04	\$ 10.50	\$ 12,757.50	\$ 6.00	\$ 7,290.00	\$ 10.55	\$ 12,818.25	\$ 11.20	\$ 13,608.00
65	Storm Sewer Cleaning (Exist.) (> 24" To 48") (See SP's)	145	LF	\$ 23.47	\$ 5.41	\$ 26.25	\$ 3,806.25	\$ 15.00	\$ 2,175.00	\$ 24.61	\$ 3,568.45	\$ 28.00	\$ 4,060.00
66	Optional Base Group 1	10	SY	\$ 34.70	\$ 15.75	\$ 25.00	\$ 250.00	\$ 38.00	\$ 380.00	\$ 19.79	\$ 197.90	\$ 56.00	\$ 560.00
67	Flowable Fill	10	CY	\$ 180.38	\$ 307.20	\$ 200.00	\$ 2,000.00	\$ 160.00	\$ 1,600.00	\$ 137.50	\$ 1,375.00	\$ 224.00	\$ 2,240.00
68	Changeable (Variable Message) Sign (Non MOT)	2	ED	\$ 63.21	\$ 30.55	\$ 35.00	\$ 70.00	\$ 28.00	\$ 56.00	\$ 156.25	\$ 312.50	\$ 33.60	\$ 67.20
69	Traffic Control Officer (Non MOT)	8	HR	\$ 62.93	\$ 58.15	\$ 55.00	\$ 440.00	\$ 67.00	\$ 536.00	\$ 62.50	\$ 500.00	\$ 67.20	\$ 537.60
70	CCTV Inspection	10	LF	\$ 68.00	\$ 20.00	\$ 100.00	\$ 1,000.00	\$ 10.00	\$ 100.00	\$ 50.00	\$ 500.00	\$ 112.00	\$ 1,120.00
71	6" PVC Conduit Irrigation Sleeves (Shc. 80) (See SP's)	10	LF	\$ 35.96	\$ 36.00	\$ 33.00	\$ 330.00	\$ 46.00	\$ 460.00	\$ 31.25	\$ 312.50	\$ 33.60	\$ 336.00
72	Premium for Conflict Condition (See SP's)	1	EA	\$ 3,379.25	\$ 3,092.14	\$ 2,730.00	\$ 2,730.00	\$ 3,500.00	\$ 3,500.00	\$ 4,375.00	\$ 4,375.00	\$ 2,912.00	\$ 2,912.00
73	Premium to Upgrade from Structure Bottom Type P to J	1	EA	\$ 3,427.00	\$ 2,000.00	\$ 2,520.00	\$ 2,520.00	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,688.00	\$ 2,688.00
74	Temporary Fencing	100	LF	\$ 13.73	\$ 25.00	\$ 12.00	\$ 1,200.00	\$ 8.00	\$ 800.00	\$ 12.50	\$ 1,250.00	\$ 22.40	\$ 2,240.00
75	Relocate Fire Hydrant Assembly	1	EA	\$ 3,465.00	\$ 1,500.00	\$ 3,150.00	\$ 3,150.00	\$ 3,600.00	\$ 3,600.00	\$ 3,750.00	\$ 3,750.00	\$ 3,360.00	\$ 3,360.00
76	Subsoil Excavation	10	CY	\$ 92.19	\$ 25.00	\$ 160.00	\$ 1,600.00	\$ 59.00	\$ 590.00	\$ 93.75	\$ 937.50	\$ 56.00	\$ 560.00
SUBTOTAL (CONTINGENCY)							\$ 31,853.75		\$ 24,587.00		\$ 34,897.10		\$ 34,288.80
UTILITY ITEMS													
77	6" Deflect DIP Water Main	50	LF	\$ 146.18	\$ 138.50	\$ 165.00	\$ 8,250.00	\$ 145.00	\$ 7,250.00	\$ 100.00	\$ 5,000.00	\$ 174.70	\$ 8,735.00
78	6" 45 Bend	8	EA	\$ 409.69	\$ 1,360.00	\$ 420.00	\$ 3,360.00	\$ 275.00	\$ 2,200.00	\$ 495.75	\$ 3,966.00	\$ 448.00	\$ 3,584.00
79	Support & Protect F.M.	10	LF	\$ 85.38	\$ 22.00	\$ 52.50	\$ 525.00	\$ 133.00	\$ 1,330.00	\$ 100.00	\$ 1,000.00	\$ 56.00	\$ 560.00
80	Support & Protect W.M.	10	LF	\$ 85.38	\$ 22.00	\$ 52.50	\$ 525.00	\$ 133.00	\$ 1,330.00	\$ 100.00	\$ 1,000.00	\$ 56.00	\$ 560.00
SUBTOTAL (UTILITY)							\$ 12,660.00		\$ 12,110.00		\$ 10,966.00		\$ 13,439.00
TOTAL BID AMOUNT							\$ 1,612,166.88		\$ 1,685,284.42		\$ 1,876,392.73		\$ 1,990,691.50

LINE ITEM 58 WAS NOT USED

FG Construction, LLC - Calculation Errors for highlighted items

LYONS ROAD, HILLSBORO CANAL TO SW 18TH STREET
PALM BEACH COUNTY PROJECT NO. 2013530

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 costs for Maintenance of Traffic (MOT) and mobilization shall be considered incidental to, and shall be included in, unit prices for the pay items.
2	All items shall include cost to furnish and install unless otherwise noted.

Working days to complete project: 150 calendar days (See Special Provisions)
Bids as read at opening on Thursday, June 15, 2017; 2:00 PM
All bids subject to OSBA SBE compliance and Board Approval.
Prepared by: Donna Lewis
Checked by: Holly B. Knight, P.E., Contracts Section Manager