

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:	July 10, 2018	☒ Consent	☐ Regular
		☐ Workshop	☐ Public Hearing
Department:	Engineering & Public Works		
Submitted By:	Engineering & Public Works		
Submitted For:	Roadway Production Division		

EXECUTIVE BRIEF

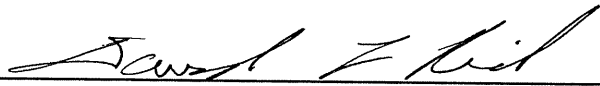
Motion and Title: Staff recommends motion to approve: a contract with Engecon Construction, Inc. (ECI) in the amount of \$4,769,315.71, contingent upon today's approval of the Five Year Road Program Mid Year Adjustment, for the construction of Palmetto Park Road from SW 7th Avenue to SW 5th Avenue (project).

SUMMARY: Approval of this contract will allow Palm Beach County to issue a notice to proceed to ECI, a Palm Beach County based company, to begin construction of the project. The project will remove and replace the existing concrete bridge over the E-4 (El Rio) Canal on Palmetto Park Road, and includes installation of drainage structures, sidewalks, curbs and gutters, and utilities. The Small Business Enterprise (SBE) goal for all projects is 15%. The lowest responsive, responsible bidder, ECI committed to 16.4% SBE participation. The funding for this project is included in a companion agenda item 4-B-2 (the Five Year Road Program Mid-Year update). Construction completion is expected in 2020. District 4 (LBH)

Background and Justification: Bids for the project were received by the Engineering Department on March 13, 2018. Time to complete all work under this contract shall be 450 calendar days.

Attachments:

1. Location Map
2. Contract
3. SBE Compliance Review
4. Bid Tabulation

Recommended by:		<u>6/25/2018</u>
	Department Director	Date

Approved By:		<u>6/26/18</u>
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2018	2019	2020	2021	2022
Capital Expenditures	<u>\$5,306,145</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>\$5,306,145</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
Does this item include the use of federal funds?	Yes	No	X

Budget Account No:
Fund 3505 Dept 361 Unit 1515 Object 6551/6555

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone 5 Fund
Palmetto Park Rd over LWDD E-4 Canal, Bridge.

Construction Contract	\$4,769,315.71
Contingency	\$ 143,079.29
Testing Lab	\$ 40,000.00
Traffic Pavement Marking & Signage	\$ 20,000.00
Staff Costs	
-Roadway Production	\$ 95,350.00
-Survey Section	\$ 47,650.00
-Construction Coordination	\$ 190,750.00
FISCAL IMPACT	<u>\$5,306,145.00</u>

Project funding is contingent upon the approval of \$5,400,000(C) in the Five Year Road Program Mid-Year Adjustment by the Board of County Commissioners on July 10, 2018

C. Departmental Fiscal Review: Alfred Hooplainen

III. REVIEW COMMENTS

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

6/8/18
 OFMB
 [illegible] 6/6/18
 s/p [illegible]

6/15/18
 Contract Dev. and Control

**B. Approved as to Form
and Legal Sufficiency:**

YB Herman 6/21/2018
Assistant County Attorney

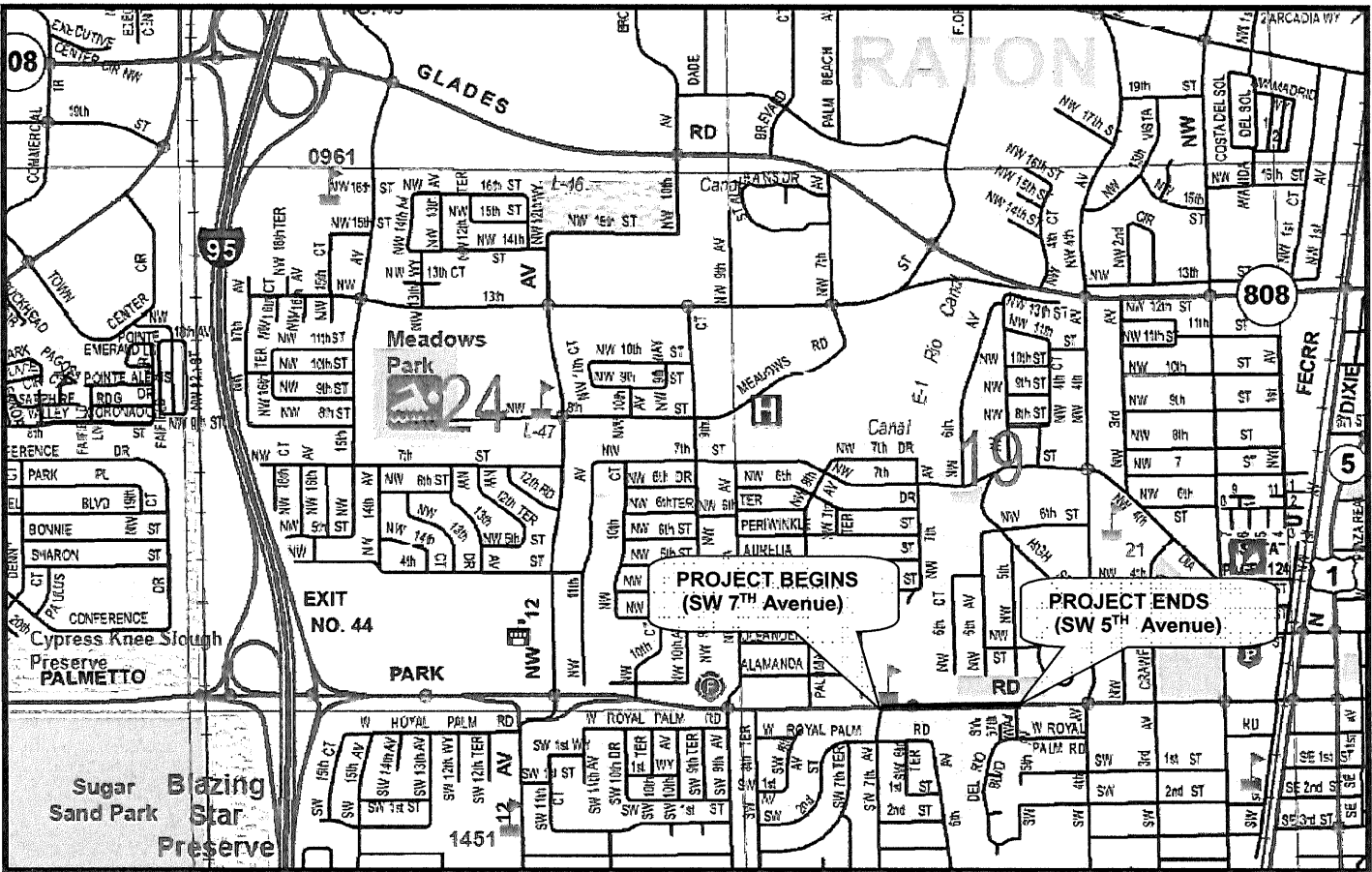
C. Other Department Review:

Department Director

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

PROJECT LOCATION

PALMETTO PARK ROAD
SW 7TH AVENUE TO SW 5TH AVENUE
PALM BEACH COUNTY PROJECT NO. 2013531



LOCATION MAP



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
Melissa McKinlay, Mayor
Mack Bernard, Vice Mayor
Hal R. Valeche
Paulette Burdick
Dave Kerner
Steven L. Abrams
Mary Lou Berger

County Administrator
Verdenia C. Baker

"An Equal Opportunity
Affirmative Action Employer"

DATE: March 29, 2018

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

THROUGH: Allen Gray, Manager
Office of Small Business Assistance

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

SUBJECT: Compliance Review on Project No. 2013531
PALMETTO PARK ROAD, SW 7TH AVENUE TO SW 5TH
AVENUE

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was February 20, 2018. SBE participation is calculated on the Amount Less Contingency.

Bidder #1:	Engecon Construction, Inc. 2290 10 th Avenue N., Suite 408 Lake Worth, FL 33461
Phone:	561-585-1565
Bid Amount:	\$4,769,315.71
Amount Less Contingency:	\$4,735,155.71
Goal:	15% Overall
Goal Achieved:	16.4%

SBE Participation:

(SBE) ENGECON CONSTRUCTION, INC. ¹	\$778,890.60	16.4%
---	--------------	-------

¹ Engecon Construction, Inc. certification includes commodity codes for Construction Management Services and Construction, General (Backfill Services, Digging, Ditching, Road Grading, Rock Stabilization, etc.). However, their certification does not include concrete or underground utilities work. Therefore, a reduction was made from line items that include those services (7-28), from their total amount of \$1,236,049.60.



Bidder #2: Russell Engineering, Inc.
2530 SW 36th Street
Ft. Lauderdale, FL 33312
Phone: 954-321-9336
Bid Amount: \$4,821,401.00
Amount Less Contingency: \$4,791,976.00
Goal: 15%
Goal Achieved: 2.87%

<u>SBE Participation:</u>		
(SBE)PATHWAY ENTERPRISES, INC.	\$125,780.00	2.62 %
(SBE)AGRICULTURAL LAND SERVICES	<u>\$ 12,383.64</u>	<u>.258%</u>
	\$138,163.64	2.87%

EVALUATION:

The lowest bidder, Engecon Construction, Inc. has met the SBE goal.

Palmetto Park Road, SW 7th AVE. To SW 5th Avenue LWDD E-4 (El Rio) Canal					Average Price	Engineer's Estimate	ENGECON CONSTRUCTION		RUSSELL ENGINEERING	
PBC PROJECT # 2013531										
ITEM #		ITEM DESCRIPTION	QTY	UNITS	Unit Price	Unit Price	Unit Price	Total	Unit Price	Total
ROADWAY ITEMS										
1		Mobilization	1	LS	\$ 477,500.00	\$300,000.00	\$ 475,000.00	\$ 475,000.00	\$ 480,000.00	\$ 480,000.00
2		Maintenance of Traffic (incl. Pedestrian M.O.T.)	1	LS	\$ 301,527.50	\$250,000.00	\$ 190,000.00	\$ 190,000.00	\$ 413,055.00	\$ 413,055.00
3		Sediment Barrier (Silt Fence)	2,816	LF	\$ 1.43	\$2.88	\$ 1.60	\$ 4,505.60	\$ 1.25	\$ 3,520.00
4		Clearing and Grubbing	1	LS	\$ 62,500.00	\$45,000.00	\$ 70,000.00	\$ 70,000.00	\$ 55,000.00	\$ 55,000.00
5		Regular Excavation	937	CY	\$ 14.28	\$17.52	\$ 15.00	\$ 14,055.00	\$ 13.55	\$ 12,696.35
6		Embankment (Compacted in Place)	605	CY	\$ 31.50	\$11.38	\$ 28.00	\$ 16,940.00	\$ 35.00	\$ 21,175.00
7		Type B Stabilization (LBR 40) (12")	4,707	SY	\$ 7.78	\$5.77	\$ 12.00	\$ 56,484.00	\$ 3.55	\$ 16,709.85
8		Optional Base Group 7	2,577	SY	\$ 22.28	\$13.74	\$ 27.00	\$ 69,579.00	\$ 17.55	\$ 45,226.35
9		Optional Base Group 13	1,758	SY	\$ 35.03	\$26.60	\$ 43.50	\$ 76,473.00	\$ 26.55	\$ 46,674.90
10		Superpave Asphalt Concrete (Traffic Level C)	435	TN	\$ 132.83	\$139.47	\$ 130.65	\$ 56,832.75	\$ 135.00	\$ 58,725.00
11		Asph. Concrete Friction Course (1.0") (FC-9.5) Rubber	672	TN	\$ 146.75	\$161.59	\$ 138.50	\$ 93,072.00	\$ 155.00	\$ 104,160.00
12		Miscellaneous Asphalt Pavement	2	TN	\$ 530.00	\$224.23	\$ 505.00	\$ 1,010.00	\$ 555.00	\$ 1,110.00
13		Mill Existing Asphalt Pavement	6,757	SY	\$ 3.15	\$3.87	\$ 3.05	\$ 20,608.85	\$ 3.25	\$ 21,960.25
14		Manhole Adjustment - Utility	8	EA	\$ 1,025.00	\$425.09	\$ 1,050.00	\$ 8,400.00	\$ 1,000.00	\$ 8,000.00
15		Valve Adjustment	4	EA	\$ 602.50	\$311.77	\$ 750.00	\$ 3,000.00	\$ 455.00	\$ 1,820.00
16		Fire Hydrant Adjustment	1	EA	\$ 2,812.50	\$2,721.77	\$ 3,500.00	\$ 3,500.00	\$ 2,125.00	\$ 2,125.00
17		Inlets (Curb) (Type P-5)	4	EA	\$ 5,707.50	\$5,807.28	\$ 6,650.00	\$ 26,600.00	\$ 4,765.00	\$ 19,060.00
18		Inlets (Curb) (Type P-6)	1	EA	\$ 6,297.50	\$6,348.51	\$ 7,150.00	\$ 7,150.00	\$ 5,445.00	\$ 5,445.00
19		Inlets (Ditch Bottom) (Type C)	3	EA	\$ 4,935.00	\$5,324.71	\$ 5,720.00	\$ 17,160.00	\$ 4,150.00	\$ 12,450.00
20		Inlets (Ditch Bottom) (Type D)	2	EA	\$ 5,890.00	\$5,100.00	\$ 6,425.00	\$ 12,850.00	\$ 5,355.00	\$ 10,710.00
21		Inlets (Ditch Bottom) (Type E)	4	EA	\$ 5,520.00	\$8,046.47	\$ 6,230.00	\$ 24,920.00	\$ 4,810.00	\$ 19,240.00
22		Manhole (Type P-7) (Partial)	3	EA	\$ 6,380.00	\$6,008.12	\$ 5,125.00	\$ 15,375.00	\$ 7,635.00	\$ 22,905.00
23		Manhole (Type P-8)	3	EA	\$ 5,895.00	\$7,027.06	\$ 6,350.00	\$ 19,050.00	\$ 5,440.00	\$ 16,320.00
24		Manhole (Type J-7)	1	EA	\$ 27,750.00	\$10,312.94	\$ 18,000.00	\$ 18,000.00	\$ 37,500.00	\$ 37,500.00
25		Pipe Culvert (15") (Storm)	8	LF	\$ 236.00	\$90.92	\$ 250.00	\$ 2,000.00	\$ 222.00	\$ 1,776.00
26		Pipe Culvert (18")(Storm)	591	LF	\$ 80.50	\$130.40	\$ 68.00	\$ 40,188.00	\$ 93.00	\$ 54,963.00
27		Pipe Culvert (24")(Storm)	172	LF	\$ 109.00	\$136.09	\$ 90.00	\$ 15,480.00	\$ 128.00	\$ 22,016.00
28		Concrete Pipe Culvert (72")(Storm)	63	LF	\$ 715.00	\$236.00	\$ 650.00	\$ 40,950.00	\$ 780.00	\$ 49,140.00
29		Traffic Separator Conc (Type IV) (4' Wide)	178	SY	\$ 71.25	\$74.12	\$ 87.50	\$ 15,575.00	\$ 55.00	\$ 9,790.00
30		Concrete Curb & Gutter (Type F)	2,484	LF	\$ 18.25	\$26.29	\$ 15.00	\$ 37,260.00	\$ 21.50	\$ 53,406.00
31		Concrete Curb (Type D)	26	LF	\$ 35.00	\$31.15	\$ 20.00	\$ 520.00	\$ 50.00	\$ 1,300.00
32		Conc Sidewalk (4" Thick)	1,638	SY	\$ 38.25	\$45.33	\$ 34.00	\$ 55,692.00	\$ 42.50	\$ 69,615.00
33		Conc Sidewalk (6"Thick) (Driveways)	348	SY	\$ 41.00	\$52.19	\$ 36.50	\$ 12,702.00	\$ 45.50	\$ 15,834.00
34		Detectable Warning	103	SF	\$ 35.00	\$38.51	\$ 35.00	\$ 3,605.00	\$ 35.00	\$ 3,605.00
35		Sodding	3,356	SY	\$ 5.00	\$5.29	\$ 2.50	\$ 8,390.00	\$ 7.50	\$ 25,170.00
SUBTOTAL (ROADWAY)								\$ 1,532,927.20		\$ 1,742,202.70

Palmetto Park Road, SW 7th AVE. To SW 5th Avenue LWDD E-4 (El Rio) Canal					Average Price	Engineer's Estimate	ENGECON CONSTRUCTION		RUSSELL ENGINEERING	
PBC PROJECT # 2013531										
ITEM #	ITEM DESCRIPTION	QTY	UNITS	Unit Price	Unit Price	Unit Price	Total	Unit Price	Total	
UTILITY ADJUSTMENT PAY ITEMS										
36	SUPPORT AND PROTECT VCP SAN AND APPURTENANCES	420	LF	\$ 20.00	\$85.38	\$ 25.00	\$ 10,500.00	\$ 15.00	\$ 6,300.00	
37	SUPPORT AND PROTECT UTILITY POLE	3	LF	\$ 2,000.00	\$3,500.00	\$ 3,000.00	\$ 9,000.00	\$ 1,000.00	\$ 3,000.00	
SUBTOTAL (UTILITY ADJUSTMENT)							\$ 19,500.00		\$ 9,300.00	
PALM BEACH COUNTY UTILITY ADJUSTMENT PAY ITEMS										
38	16" DIP FM	158	LF	\$ 562.50	\$500.00	\$ 475.00	\$ 75,050.00	\$ 650.00	\$ 102,700.00	
39	16" 45° BEND	4	LF	\$ 5,250.00	\$1,000.00	\$ 5,500.00	\$ 22,000.00	\$ 5,000.00	\$ 20,000.00	
40	2" AIR RELEASE VALVE	1	EA	\$ 10,255.00	\$2,500.00	\$ 12,250.00	\$ 12,250.00	\$ 8,260.00	\$ 8,260.00	
SUBTOTAL PALM BEACH COUNTY (UTILITY ADJUSTMENT)							\$ 109,300.00		\$ 130,960.00	
CITY OF BOCA RATON UTILITY ADJUSTMENT PAY ITEMS										
41	8" 45° BEND	10	EA	\$ 1,125.00	\$600.00	\$ 1,350.00	\$ 13,500.00	\$ 900.00	\$ 9,000.00	
42	16" 45° BEND	9	EA	\$ 4,000.00	\$1,000.00	\$ 4,250.00	\$ 38,250.00	\$ 3,750.00	\$ 33,750.00	
43	8"X 6" TEE	1	EA	\$ 1,585.00	\$1,500.00	\$ 2,150.00	\$ 2,150.00	\$ 1,020.00	\$ 1,020.00	
44	FIRE HYDRANT	1	EA	\$ 5,375.00	\$3,800.00	\$ 5,250.00	\$ 5,250.00	\$ 5,500.00	\$ 5,500.00	
45	CUT AND CAP EXISTING 8" WM	4	EA	\$ 1,595.00	\$450.00	\$ 2,300.00	\$ 9,200.00	\$ 890.00	\$ 3,560.00	
46	CUT AND CAP EXISTING 16" FM	2	EA	\$ 3,645.00	\$750.00	\$ 4,500.00	\$ 9,000.00	\$ 2,790.00	\$ 5,580.00	
47	1" AIR RELEASE VALVE	1	EA	\$ 1,562.50	\$1,700.00	\$ 1,500.00	\$ 1,500.00	\$ 1,625.00	\$ 1,625.00	
48	2" AIR RELEASE VALVE	1	EA	\$ 2,850.00	\$2,000.00	\$ 2,750.00	\$ 2,750.00	\$ 2,950.00	\$ 2,950.00	
49	6" GATE VALVE	1	EA	\$ 1,875.00	\$1,700.00	\$ 2,500.00	\$ 2,500.00	\$ 1,250.00	\$ 1,250.00	
50	8" GATE VALVE	6	EA	\$ 2,700.00	\$2,500.00	\$ 3,400.00	\$ 20,400.00	\$ 2,000.00	\$ 12,000.00	
51	16" GATE VALVE	3	EA	\$ 7,975.00	\$4,000.00	\$ 7,700.00	\$ 23,100.00	\$ 8,250.00	\$ 24,750.00	
52	8" LINE STOP	2	EA	\$ 9,750.00	\$10,000.00	\$ 15,000.00	\$ 30,000.00	\$ 4,500.00	\$ 9,000.00	
53	16" LINE STOP	2	EA	\$ 16,750.00	\$20,000.00	\$ 25,000.00	\$ 50,000.00	\$ 8,500.00	\$ 17,000.00	
54	2" POLY WATER SERVICE	150	LF	\$ 83.50	\$20.00	\$ 55.00	\$ 8,250.00	\$ 112.00	\$ 16,800.00	
55	6" DIP WM	18	LF	\$ 118.00	\$180.00	\$ 175.00	\$ 3,150.00	\$ 61.00	\$ 1,098.00	
56	8" DIP WM	1,050	LF	\$ 133.00	\$220.00	\$ 130.00	\$ 136,500.00	\$ 136.00	\$ 142,800.00	
57	16" DIP FM	645	LF	\$ 227.50	\$500.00	\$ 280.00	\$ 180,600.00	\$ 175.00	\$ 112,875.00	
58	CONNECT TO EXISTING 16" FM	2	EA	\$ 10,750.00	\$10,000.00	\$ 15,000.00	\$ 30,000.00	\$ 6,500.00	\$ 13,000.00	
59	CONNECT TO EXISTING 8" WM	2	EA	\$ 7,000.00	\$75,000.00	\$ 10,000.00	\$ 20,000.00	\$ 4,000.00	\$ 8,000.00	
60	REMOVE EXISTING 8" WM (INCLUDES VALVES & FITTINGS)	155	LF	\$ 31.25	\$8.00	\$ 48.00	\$ 7,440.00	\$ 14.50	\$ 2,247.50	
61	REMOVE EXISTING 16" FM (INCLUDES VALVES & FITTINGS)	335	LF	\$ 40.75	\$16.00	\$ 60.00	\$ 20,100.00	\$ 21.50	\$ 7,202.50	
62	GROUT EXSTING 16" FM WITH FLOWABLE FILL	20	CY	\$ 282.50	\$375.00	\$ 350.00	\$ 7,000.00	\$ 215.00	\$ 4,300.00	
63	GROUT EXSTING 8" WM WITH FLOWABLE FILL	11	CY	\$ 282.50	\$375.00	\$ 350.00	\$ 3,850.00	\$ 215.00	\$ 2,365.00	
64	SAMPLE POINT	2	EA	\$ 900.00	\$1,200.00	\$ 1,250.00	\$ 2,500.00	\$ 550.00	\$ 1,100.00	
65	TESTING, AND SURVEY	1	LS	\$ 16,000.00	\$43,329.69	\$ 15,000.00	\$ 15,000.00	\$ 17,000.00	\$ 17,000.00	
SUBTOTAL CITY OF BOCA RATON (UTILITY ADJUSTMENT)							\$ 641,990.00		\$ 455,773.00	

Palmetto Park Road, SW 7th AVE. To SW 5th Avenue LWDD E-4 (El Rio) Canal					Average Price	Engineer's Estimate	ENGECON CONSTRUCTION		RUSSELL ENGINEERING	
PBC PROJECT # 2013531										
ITEM #	ITEM DESCRIPTION	QTY	UNITS	Unit Price	Unit Price	Unit Price	Total	Unit Price	Total	
BRIDGE ITEMS										
66	MOBILIZATION INCLUDING TURBIDITY BARRIER	1	LS	\$ 327,500.00	\$75,000.00	\$ 350,000.00	\$ 350,000.00	\$ 305,000.00	\$ 305,000.00	
67	REMOVE EXISTING STRUCTURE	1	LS	\$ 234,145.50	\$50,000.00	\$ 270,000.00	\$ 270,000.00	\$ 198,291.00	\$ 198,291.00	
68	PRECAST DECK UNIT - 18" x 5'-8" x 31'-0"	1,395	LF	\$ 321.00	\$300.00	\$ 376.00	\$ 524,520.00	\$ 266.00	\$ 371,070.00	
69	PRECAST DECK UNIT - 18" x 5'-11" x 31'-0"	372	LF	\$ 321.00	\$300.00	\$ 376.00	\$ 139,872.00	\$ 266.00	\$ 98,952.00	
70	CLASS II CONCRETE FOR CLOSURE POURS BETWEEN DECK UNITS	65	CY	\$ 564.50	\$750.00	\$ 804.00	\$ 52,260.00	\$ 325.00	\$ 21,125.00	
71	REINFORCING STEEL FOR CLOSURE POURS BETWEEN DECK UNITS	3,864	LB	\$ 1.15	\$2.00	\$ 1.20	\$ 4,636.80	\$ 1.10	\$ 4,250.40	
72	CONCRETE TRAFFIC RAILING BARRIER (32" VERTICAL SHAPE)	192	LF	\$ 139.50	\$90.00	\$ 153.00	\$ 29,376.00	\$ 126.00	\$ 24,192.00	
73	SHOULDER CONCRETE BARRIER WALL (INDEX NO. 410 - CANTILEVERED WALL)	62	LF	\$ 378.00	\$250.00	\$ 281.00	\$ 17,422.00	\$ 475.00	\$ 29,450.00	
74	ALUMINUM PEDESTRIAN/BICYCLE BARRIER RAILING	192	LF	\$ 42.63	\$90.00	\$ 50.25	\$ 9,648.00	\$ 35.00	\$ 6,720.00	
75	TYPE K TEMPORARY CONCRETE BARRIER SYSTEM	163	LF	\$ 20.05	\$45.00	\$ 20.10	\$ 3,276.30	\$ 20.00	\$ 3,260.00	
76	CLASS IV CONCRETE FOR PILES CAPS	212	CY	\$ 395.61	\$1,600.00	\$ 1.21	\$ 256.52	\$ 790.00	\$ 167,480.00	
77	REINFORCING STEEL FOR PILES CAPS	41,202	LB	\$ 1.06	\$2.00	\$ 1.21	\$ 49,854.42	\$ 0.90	\$ 37,081.80	
78	18" SQUARE x 80'-0" MINIMUM (TEST PILE)	320	LF	\$ 313.25	\$190.00	\$ 301.50	\$ 96,480.00	\$ 325.00	\$ 104,000.00	
79	18" SQUARE x 65'-0" MINIMUM	4,160	LF	\$ 72.13	\$100.00	\$ 45.25	\$ 188,240.00	\$ 99.00	\$ 411,840.00	
80	14" SQUARE x 50'-0" MINIMUM (WING BENT)	650	LF	\$ 76.60	\$80.00	\$ 40.20	\$ 26,130.00	\$ 113.00	\$ 73,450.00	
81	14'-0" PRECAST CONCRETE SHEET WALL	560	LF	\$ 218.25	\$110.00	\$ 301.50	\$ 168,840.00	\$ 135.00	\$ 75,600.00	
82	CLASS II CONCRETE - SIDEWALKS AND MEDIANS	112	CY	\$ 564.00	\$750.00	\$ 603.00	\$ 67,536.00	\$ 525.00	\$ 58,800.00	
83	REINFORCING STEEL - SIDEWALKS AND MEDIANS	5,729	LB	\$ 1.13	\$2.00	\$ 1.21	\$ 6,932.09	\$ 1.05	\$ 6,015.45	
84	CLASS II CONCRETE - PIPE CRADLE (INCLUDES PIPE STRAP, NEOPRENE PAD AND ANCHOR BOLTS)	2	CY	\$ 5,503.75	\$750.00	\$ 1,507.50	\$ 3,015.00	\$ 9,500.00	\$ 19,000.00	
85	REINFORCING STEEL - PIPE CRADLE (INCLUDES PIPE STRAP, NEOPRENE PAD AND ANCHOR BOLTS)	208	LB	\$ 1.23	\$2.00	\$ 1.21	\$ 251.68	\$ 1.25	\$ 260.00	
86	CLASS II CONCRETE - APPROACH SLABS	227	CY	\$ 443.75	\$750.00	\$ 502.50	\$ 114,067.50	\$ 385.00	\$ 87,395.00	
87	REINFORCING STEEL - APPROACH SLABS	42,600	LB	\$ 1.06	\$2.00	\$ 1.21	\$ 51,546.00	\$ 0.90	\$ 38,340.00	
88	4" PVC CONDUIT	1,168	LF	\$ 6.53	\$9.00	\$ 3.05	\$ 3,562.40	\$ 10.00	\$ 11,680.00	
89	RIPRAP - (BANK AND SHORE)	1,100	TN	\$ 140.00	\$160.00	\$ 105.00	\$ 115,500.00	\$ 175.00	\$ 192,500.00	
90	BEDDING STONE	815	TN	\$ 115.00	\$110.00	\$ 125.00	\$ 101,875.00	\$ 105.00	\$ 85,575.00	
91	STAINLESS STEEL SUPPORT BRACKETS	6	EA	\$ 729.75	\$5,000.00	\$ 904.50	\$ 5,427.00	\$ 555.00	\$ 3,330.00	
92	TEMPORARY ALUMINUM PHASING PIPE HANDRAIL	192	LF	\$ 31.08	\$75.00	\$ 30.15	\$ 5,788.80	\$ 32.00	\$ 6,144.00	
93	TEMPORARY SLOPE PROECTION	1	LS	\$ 19,062.50	\$50,000.00	\$ 25,125.00	\$ 25,125.00	\$ 13,000.00	\$ 13,000.00	
SUBTOTAL (BRIDGE)							\$ 2,431,438.51		\$ 2,453,801.65	

Palmetto Park Road, SW 7th AVE. To SW 5th Avenue LWDD E-4 (El Rio) Canal					Average Price	Engineer's Estimate	ENGECON CONSTRUCTION		RUSSELL ENGINEERING		
PBC PROJECT # 2013531											
ITEM #		ITEM DESCRIPTION		QTY	UNITS	Unit Price	Unit Price	Unit Price	Total	Unit Price	Total
CONTINGENCY ITEMS											
94	CLASS I CONCRETE (MISC.)			10	CY	\$ 287.50	\$437.17	\$ 350.00	\$ 3,500.00	\$ 225.00	\$ 2,250.00
95	FLOWABLE FILL			15	CY	\$ 250.00	\$260.55	\$ 300.00	\$ 4,500.00	\$ 200.00	\$ 3,000.00
96	CHANGEABLE (VARIABLE MESSAGE) SIGN (NON-MOT)			40	ED	\$ 17.00	\$17.53	\$ 14.00	\$ 560.00	\$ 20.00	\$ 800.00
97	TRAFFIC CONTROL OFFICER (NON-MOT)			100	HR	\$ 55.00	\$62.55	\$ 45.00	\$ 4,500.00	\$ 65.00	\$ 6,500.00
98	PREMIUM FOR CONFLICT CONDITION			1	EA	\$ 4,750.00	\$ 4,988.23	\$ 3,000.00	\$ 3,000.00	\$ 6,500.00	\$ 6,500.00
99	ADJUST PULL BOX (SMALL)			2	EA	\$ 375.00	\$ 471.31	\$ 500.00	\$ 1,000.00	\$ 250.00	\$ 500.00
100	SUBSOIL EXCAVATION (SEE SP'S)			75	CY	\$ 26.50	\$18.74	\$ 28.00	\$ 2,100.00	\$ 25.00	\$ 1,875.00
101	TEMPORARY FENCING			1,000	LF	\$ 11.50	\$15.00	\$ 15.00	\$ 15,000.00	\$ 8.00	\$ 8,000.00
SUBTOTAL (CONTINGENCY)									\$ 34,160.00		\$ 29,425.00
TOTAL BID									\$ 4,769,315.71		\$ 4,821,462.30
NOTE: YELLOW HIGHLIGHT DENOTES MATH ERROR ON SUBMITTAL.											

Palmetto Park Road, SW 7th AVE. To SW 5th Avenue LWDD E-4 (El Rio) Canal

Project Number: 2013531

THE COUNTY DOES NOT GUARANTEE THE ACCURACY OF THE FORMULAS AND EXTENSIONS USED IN THIS SPREADSHEET.

THE ITEMS AND QUANTITIES ABOVE, SHALL GOVERN OVER THE PLANS.

PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

Note #	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: 450 calendar days (See Special Provisions)

Bids as read at opening on Tuesday, March 13, 2018 ; 2:00 PM

All bids subject to OSBA SBE compliance and Board Approval.

Prepared by: Geraldine Lazzarino-Kelly, Technical Assistant I

Checked by: Holly B. Knight, P.E., Contracts Section Manager