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

Agenda Item #: 3-C-2

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: September 12, 2017 [X] 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 Ranger Construction Industries, Inc. (Ranger) in the amount of $14,135,972.41 for the construction of Hood Road, east of Florida's Turnpike to west of Central Boulevard, and Hood Road and Central Boulevard intersection improvements (Project).

SUMMARY: Approval of this contract will allow Palm Beach County to issue a notice to proceed to Ranger, a Palm Beach County based company, to begin construction of the project. The work consists of widening Hood Road to provide a four-lane divided roadway from east of Florida's Turnpike to west of Central Boulevard, including a new two-lane bridge over I-95, and the addition of a second northbound and southbound left turn lane and a northbound right turn lane at the intersection of Hood Road and Central Boulevard. The Small Business Enterprise (SBE) goal for all projects is 15%. The lowest responsive, responsible bidder, Ranger, committed to 16.7% SBE participation. District 1 (LBH)

Background and Justification: Bids for the project were received by the Engineering Department on June 16, 2017. Time to complete all work under this contract shall be 540 calendar days.

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

Recommended by: ______________________ 8/21/2017
Department Director **Date**

Approved By: ______________________ 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	$15,416,102	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	($ 963,540)	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	$14,452,562	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No:

Fund 3501	Dept 361	Unit 1438	Object 6551/6555	$ 971,214.42
Fund 3501	Dept 361	Unit 1382	Object 8201	$ 963,540.00
Fund 3501	Dept 361	Unit 1382	Object 6551/6555	$13,481,347.58

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Zone-1 Fund
Hood Rd and Central Blvd. Intersection
Hood Rd/E. of Turnpike to W. of Central Blvd.

	Total	**2014502/1438**	**2013522/1382**
Construction Contract	$14,135,972.41	$ 890,566.26	$13,245,406.15
Contingency	$ 424,079.59	$ 26,717.01	$ 397,362.58
Testing Lab	$ 120,000.00	$ 7,560.00	$ 112,440.00
Traffic Signals, Paving	$ 100,000.00	$ 6,300.00	$ 93,700.00
Staff Costs -			
Roadway Production	$ 141,350.00	$ 8,905.05	$ 132,444.95
Survey Section	$ 70,650.00	$ 4,450.95	$ 66,199.05
Construction Coordination	$ 282,700.00	$ 17,810.10	$ 264,889.90
Traffic	$ 141,350.00	$ 8,905.05	$ 132,444.95
	$15,416,102.00	**$ 971,214.42**	**$14,444,887.58**
Less NPBCID	$ 963,540.00	$ .00	$ 963,540.00
Fiscal Impact	**$14,452,562.00**	**$ 971,214.42**	**$13,481,347.58**

A budget amendment of $1,128,922 in the Road Impact Fee Zone 1 Fund to recognize reimbursement funding from the North Palm Beach County Improvement District, which includes the $963,540 for construction, was approved by the BOCC on March 1, 2016, BA 2016-0423.

C. Departmental Fiscal Review: Alice Kovalcenen

III. REVIEW COMMENTS

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

8/23/17
KP 8/22 KD 8/22
OFMB

8/29/17
Contract Dev. and Control
8/29/17 JW

B. Approved as to Form and Legal Sufficiency:

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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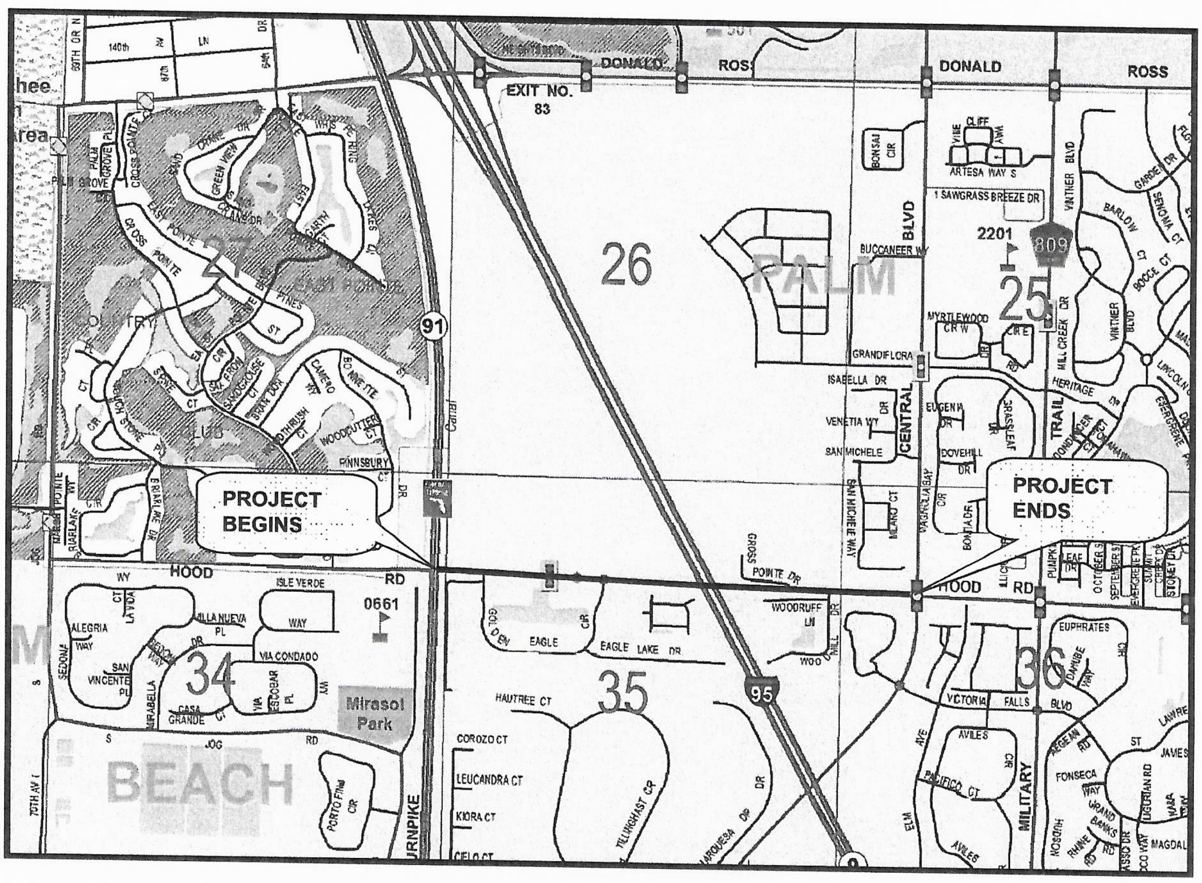
ATTACHMENT 1

PROJECT LOCATION

HOOD ROAD, EAST OF FLORIDA'S TURNPIKE TO WEST OF CENTRAL BOULEVARD, AND HOOD ROAD AND CENTRAL BOULEVARD IMPROVEMENTS

PALM BEACH COUNTY PROJECT NO. 2013522 & 2014502



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 Ranger Construction Industries, Inc. 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: HOOD RD, E. OF FLORIDA'S TURNPIKE TO W. OF CENTRAL BLVD. AND HOOD RD. & CENTRAL BLVD. IMPROVEMENTS

PROJECT NOS.: 2014502 & 2013522

IN THE AMOUNT OF:

Fourteen Million One Hundred Thirty-five Thousand Nine Hundred Seventy-two and 41/100 Dollars
(IN WORDS)

$ 14,135,972.41
(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 540 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

* Omelio A Fernandez
APPROVED AS TO TERMS
AND CONDITIONS

____
(witness signature)

Dianne L. Beasley
(witness name printed)

Cindy Steadman
(witness signature)

Cindy Steadman
(witness name printed)

Ranger Construction Ind., Inc.
(Corporate Name)

a Florida corporation
(insert state of incorporation)

By ______________________
(signature)

James W Moretz
(print signatory's name)

Its Vice President
(print title)

7/18/2017
(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
OSBA
OFFICE OF SMALL BUSINESS ASSISTANCE
SMALL BUSINESS IS BIG BUSINESS

DATE: July 10, 2017

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

THROUGH: Allen Gray, Manager
Office of Small Business Assistance

A. Gray

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

SUBJECT: **Compliance Review on Project No. 2014502 & 2013522 Hood Road, E. of Florida Turnpike to W. of Central Blvd and Hood Road & Central Blvd.**

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was June 16, 2017. SBE participation is calculated on the Amount Less Contingency.

Bidder #1: Ranger Construction Industries, Inc.
101 Sansbury's Way
West Palm Beach, FL 33411

Phone: 561-793-9400
Bid Amount: $14,135,972.41
Amount Less Contingency: **$14,049,564.91**
Goal: 15% Overall
Goal Achieved: **16.7%**

SBE Participation:

(SB)WM. D. ADEIMY, JR., INC.	$636,535.00	4.53%
(WB)AGRICULTURAL LAND SERVICES, INC.	$105,021.18	.74%
(SB)D.S. EAKINS CONST. CORP.	$1,484,457.06	10.56%
(SB)TREECYCLE AND CLEARING, INC.	$122,750.00	.87%
	$2,348,763.24	**16.7**

Bidder #2: LM Heavy Civil Construction, LLC
4440 PGA Blvd.
Palm Beach Gardens, FL 33410

Phone: 561-897-1200
Bid Amount: $14,767,000.00
Amount Less Contingency: **$14,631,636.00**
Goal: 15%
Goal Achieved: **19.4%**

SBE Participation:

(MWB)E&N CONSTRUCTION, INC.[1]	$1,864,858.04	12.7%
(SB)COATS CONCRETE CONSTRUCTION	$987,829.21	6.75%
	$2,852,687.25	**19.4%**

Bidder #3: J. W. Cheatham, LLC
7396 Westport Place
West Palm Beach, FL 33413

Phone: 561-471-4100
Bid Amount: $15,229,490.15
Amount Less Contingency: $15,141,083.15
Goal: 15%
Goal Achieved: 16.1%

SBE Participation:

(SB)D.S. EAKINS CONSTRUCTION CORP.	$1,484,457.06	9.8%
(SB)SOUTHWIDE INDUSTRIES, INC.	$471,619.10	3.11%
(WB)AGRICULTURAL LAND SERVICES, INC.	$92,865.15	.61%
(SB)FRS & ASSOCIATES, INC.	$81,090.00	.53%
(WB)PATHWAY ENTERPRISES, INC.	$316,250.00	2.08%
	$2,446,281.31	**16.1%**

Bidder #4: Munilla Construction Management, LLC
d/b/a MCM
6201 SW 70th St.
Miami, FL 33143

Phone: 305-541-0000
Bid Amount: $15,575,000.00
Amount Less Contingency: $15,434,064.00
Goal: 15%
Goal Achieved: 15.1%

SBE Participation:

(SB)RAPID MILLING & PAVING, LLC	$1,175,154.00	7.61%
(SB)COATS CONCRETE CONSTRUCTION, INC.	$1,003,291.93	6.5%
(WB)AGRICULTURAL LAND SERVICES, INC.	$92,865.00	.60%
(SB)CORAL STEEL COMPANY	$73,625.00	.47%
	$2,344,935.93	**15.1%**

[1] E&N Construction does not have hauling services listed as a service they provide as an S/M/WBE. Therefore, $28,126.80 (line items 12-15 and 43) were deducted from their total price of $1,892,984.84.

EVALUATION:

Bidder #1, **Ranger Construction Industries, Inc.**, has met the SBE goal for this project.

HOOD RD., E. OF FLORIDA'S TURNPIKE TO W. OF CENTRAL BLVD. AND HOOD RD. & CENTRAL BLVD. IMPROVEMENTS
PALM BEACH COUNTY PROJECT NOS. 2014502 & 2013522

				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Ranger Construction Industries, Inc.		LM Heavy Civil Construction, LLC		JW Cheatham, LLC		Munilla Construction Management, LLC dba MCM	
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
ROADWAY ITEMS													
1	MOBILIZATION	1.0	LS	$ 1,350,116.25	$ 906,000.00	$ 1,233,000.00	$ 1,233,000.00	$ 1,159,208.36	$ 1,159,208.36	$ 1,451,835.00	$ 1,451,835.00	$ 1,556,421.65	$ 1,556,421.65
2	MAINTENANCE OF TRAFFIC	1.0	LS	$ 508,154.00	$ 656,000.00	$ 355,000.00	$ 355,000.00	$ 265,536.00	$ 265,536.00	$ 1,071,680.00	$ 1,071,680.00	$ 340,400.00	$ 340,400.00
3	MAINTENANCE OF TRAFFIC (I-95)	1.0	LS	$ 2,001,999.50	$ 1,000,000.00	$ 2,393,000.00	$ 2,393,000.00	$ 2,363,168.00	$ 2,363,168.00	$ 2,051,830.00	$ 2,051,830.00	$ 1,200,000.00	$ 1,200,000.00
4	CLEARING AND GRUBBING	1.0	LS	$ 440,908.75	$ 395,250.00	$ 178,000.00	$ 178,000.00	$ 216,310.00	$ 216,310.00	$ 982,925.00	$ 982,925.00	$ 386,400.00	$ 386,400.00
5	EXISTING WALL REMOVAL	203.0	LF	$ 21.38	$ 25.00	$ 11.90	$ 2,415.70	$ 52.60	$ 10,677.80	$ 5.00	$ 1,015.00	$ 16.00	$ 3,248.00
6	REGULAR EXCAVATION	17503.0	CY	$ 6.88	$ 12.24	$ 5.47	$ 95,741.41	$ 8.75	$ 153,151.25	$ 5.00	$ 87,515.00	$ 8.30	$ 145,274.90
7	EMBANKMENT (COMPACTED IN PLACE)	23426.0	CY	$ 14.85	$ 11.21	$ 5.06	$ 118,535.56	$ 16.25	$ 380,672.50	$ 20.00	$ 468,520.00	$ 18.10	$ 424,010.60
8	12" TYPE B STABILIZED SUBGRADE	38424.0	SY	$ 4.84	$ 6.26	$ 5.86	$ 225,164.64	$ 6.60	$ 253,598.40	$ 3.00	$ 115,272.00	$ 3.90	$ 149,853.60
9	OPTIONAL BASE GROUP 1	57.0	SY	$ 52.23	$ 22.50	$ 95.00	$ 5,415.00	$ 53.40	$ 3,043.80	$ 11.50	$ 655.50	$ 49.00	$ 2,793.00
10	OPTIONAL BASE GROUP 7	34137.0	SY	$ 12.69	$ 14.06	$ 8.66	$ 295,626.42	$ 15.60	$ 532,537.20	$ 11.50	$ 392,575.50	$ 15.00	$ 512,055.00
11	OPTIONAL BASE GROUP 13	5869.0	SY	$ 21.21	$ 36.00	$ 17.05	$ 100,066.45	$ 23.80	$ 139,682.20	$ 21.00	$ 123,249.00	$ 23.00	$ 134,987.00
12	SUPERPAVE ASPHALTIC CONCRETE SP-12.5 (TRAFFIC LEVEL C)	3515.7	TN	$ 111.13	$ 100.99	$ 113.00	$ 397,274.10	$ 115.50	$ 406,063.35	$ 91.00	$ 319,928.70	$ 125.00	$ 439,462.50
13	ASPHALTIC CONCRETE FRICTION COURSE (1")(FC-9.5)	3544.8	TN	$ 150.75	$ 115.82	$ 145.00	$ 513,996.00	$ 154.00	$ 545,899.20	$ 123.00	$ 436,010.40	$ 181.00	$ 641,608.80
14	ASPHALTIC CONCRETE OVERBUILD TYPE SP	936.0	TN	$ 113.95	$ 120.00	$ 101.00	$ 94,536.00	$ 118.80	$ 111,196.80	$ 111.00	$ 103,896.00	$ 125.00	$ 117,000.00
15	MILL EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)	22292.0	SY	$ 3.01	$ 3.90	$ 3.92	$ 87,384.64	$ 2.40	$ 53,500.80	$ 2.60	$ 57,959.20	$ 3.10	$ 69,105.20
16	PIPE CULVERT (15")	8.0	LF	$ 266.91	$ 48.05	$ 427.40	$ 3,419.20	$ 58.25	$ 466.00	$ 416.00	$ 3,328.00	$ 166.00	$ 1,328.00
17	PIPE CULVERT (18")	6291.0	LF	$ 63.04	$ 62.00	$ 52.07	$ 327,572.37	$ 65.00	$ 408,915.00	$ 50.60	$ 318,324.60	$ 84.50	$ 531,589.50
18	PIPE CULVERT (24")	1483.0	LF	$ 77.59	$ 70.00	$ 67.35	$ 99,880.05	$ 74.50	$ 110,483.50	$ 65.50	$ 97,136.50	$ 103.00	$ 152,749.00
19	PIPE CULVERT (29" X 45")(36" EQUIV)	190.0	LF	$ 192.04	$ 140.00	$ 184.15	$ 34,988.50	$ 158.00	$ 30,020.00	$ 180.00	$ 34,200.00	$ 246.00	$ 46,740.00
20	PIPE CULVERT (30")	459.0	LF	$ 115.45	$ 80.00	$ 103.80	$ 47,644.20	$ 117.00	$ 53,703.00	$ 101.00	$ 46,359.00	$ 140.00	$ 64,260.00
21	PIPE CULVERT (36")	2111.0	LF	$ 127.09	$ 90.00	$ 119.85	$ 253,003.35	$ 129.00	$ 272,319.00	$ 116.50	$ 245,931.50	$ 143.00	$ 301,873.00
22	PIPE CULVERT (48")	4.0	LF	$ 1,575.00	$ 118.00	$ 2,120.00	$ 8,480.00	$ 690.00	$ 2,760.00	$ 2,060.00	$ 8,240.00	$ 1,430.00	$ 5,720.00
23	INLETS (CURB) (TYPE P-5) (<10')	22.0	EA	$ 5,735.00	$ 4,600.00	$ 6,280.00	$ 138,160.00	$ 3,820.00	$ 84,040.00	$ 6,100.00	$ 134,200.00	$ 6,740.00	$ 148,280.00
24	INLET (CURB) (TYPE J-5) (<10')	11.0	EA	$ 8,566.75	$ 6,500.00	$ 9,580.00	$ 105,380.00	$ 5,565.00	$ 61,215.00	$ 9,312.00	$ 102,432.00	$ 9,810.00	$ 107,910.00
25	INLETS (CURB) (TYPE P-6) (<10')	12.0	EA	$ 6,325.75	$ 6,500.00	$ 7,110.00	$ 85,320.00	$ 3,883.00	$ 46,596.00	$ 6,910.00	$ 82,920.00	$ 7,400.00	$ 88,800.00
26	INLET (CURB) (TYPE J-6) (<10')	3.0	EA	$ 8,952.25	$ 7,500.00	$ 9,600.00	$ 28,800.00	$ 5,778.00	$ 17,334.00	$ 9,331.00	$ 27,993.00	$ 11,100.00	$ 33,300.00
27	INLET (DITCH BOTTOM) (TYPE C)	1.0	EA	$ 3,370.00	$ 2,600.00	$ 3,430.00	$ 3,430.00	$ 2,300.00	$ 2,300.00	$ 3,330.00	$ 3,330.00	$ 4,420.00	$ 4,420.00
28	INLETS (CURB) (DITCH BOTTOM) (TYPE E) (<10')	3.0	EA	$ 4,454.25	$ 4,100.00	$ 4,600.00	$ 13,800.00	$ 2,970.00	$ 8,910.00	$ 4,467.00	$ 13,401.00	$ 5,780.00	$ 17,340.00
29	INLET (DITCH BOTTOM) (TYPE E) (J-BOTTOM)	2.0	EA	$ 7,411.75	$ 5,500.00	$ 8,380.00	$ 16,760.00	$ 4,254.00	$ 8,508.00	$ 8,143.00	$ 16,286.00	$ 8,870.00	$ 17,740.00
30	INLET (CURB) (TYPE P-9)	2.0	EA	$ 4,395.75	$ 3,500.00	$ 4,690.00	$ 9,380.00	$ 2,999.00	$ 5,998.00	$ 4,554.00	$ 9,108.00	$ 5,340.00	$ 10,680.00
31	INLET (GUTTER) (TYPE S)	2.0	EA	$ 4,623.00	$ 3,800.00	$ 5,210.00	$ 10,420.00	$ 2,999.00	$ 5,998.00	$ 5,063.00	$ 10,126.00	$ 5,220.00	$ 10,440.00
32	BARRIER WALL INLET	5.0	EA	$ 6,149.50	$ 6,500.00	$ 6,310.00	$ 31,550.00	$ 4,045.00	$ 20,225.00	$ 6,133.00	$ 30,665.00	$ 8,110.00	$ 40,550.00
33	ADJUST INLETS	1.0	EA	$ 1,793.50	$ 1,329.78	$ 2,060.00	$ 2,060.00	$ 744.00	$ 744.00	$ 2,000.00	$ 2,000.00	$ 2,370.00	$ 2,370.00
34	ADJUST MANHOLE	1.0	EA	$ 1,615.25	$ 207.70	$ 1,830.00	$ 1,830.00	$ 791.00	$ 791.00	$ 1,780.00	$ 1,780.00	$ 2,060.00	$ 2,060.00
35	MANHOLE (TYPE P-7) (<10')	2.0	EA	$ 3,813.00	$ 4,455.06	$ 3,750.00	$ 7,500.00	$ 2,740.00	$ 5,480.00	$ 3,642.00	$ 7,284.00	$ 5,120.00	$ 10,240.00
36	MANHOLE (TYPE J-7) (<10')	2.0	EA	$ 6,868.50	$ 9,619.25	$ 7,420.00	$ 14,840.00	$ 4,413.00	$ 8,826.00	$ 7,211.00	$ 14,422.00	$ 8,430.00	$ 16,860.00
37	MANHOLE (TYPE P-8)	15.0	EA	$ 3,756.50	$ 4,000.00	$ 3,470.00	$ 52,050.00	$ 3,104.00	$ 46,560.00	$ 3,372.00	$ 50,580.00	$ 5,080.00	$ 76,200.00
38	MANHOLE (TYPE P-8) (PARTIAL)	1.0	EA	$ 2,792.00	$ 3,000.00	$ 2,620.00	$ 2,620.00	$ 2,528.00	$ 2,528.00	$ 2,550.00	$ 2,550.00	$ 3,470.00	$ 3,470.00
39	MANHOLE (TYPE J-8)	8.0	EA	$ 7,649.00	$ 4,750.00	$ 9,000.00	$ 72,000.00	$ 4,324.00	$ 34,592.00	$ 8,752.00	$ 70,016.00	$ 8,520.00	$ 68,160.00
40	MITERED END SECTION 18" (4:1)	1.0	EA	$ 2,498.75	$ 1,250.00	$ 2,620.00	$ 2,620.00	$ 777.00	$ 777.00	$ 2,548.00	$ 2,548.00	$ 4,050.00	$ 4,050.00
41	MITERED END SECTION 36" (4:1)	3.0	EA	$ 4,549.25	$ 2,500.00	$ 4,330.00	$ 12,990.00	$ 1,810.00	$ 5,430.00	$ 4,207.00	$ 12,621.00	$ 7,850.00	$ 23,550.00
42	STORM SEWER PUMPING (EXIST.) (24" OR LESS) (SEE S.P.'S)	1097.0	lf	$ 6.64	$ 4.78	$ 5.55	$ 6,088.35	$ 11.00	$ 12,067.00	$ 5.00	$ 5,485.00	$ 5.00	$ 5,485.00
43	MISCELLANEOUS ASPHALT PAVEMENT	187.2	TN	$ 185.55	$ 230.00	$ 202.20	$ 37,851.84	$ 165.00	$ 30,888.00	$ 250.00	$ 46,800.00	$ 125.00	$ 23,400.00
44	SODDING	33285.0	SY	$ 3.19	$ 2.79	$ 3.84	$ 127,814.40	$ 3.00	$ 99,855.00	$ 3.00	$ 99,855.00	$ 2.90	$ 96,526.50
45	MONITOR EXIST STRUCTS - INSPECTION AND SETTLEMENT MONITORING	1.0	LS	$ 9,040.00	$ 11,250.00	$ 560.00	$ 560.00	$ 14,500.00	$ 14,500.00	$ 1,000.00	$ 1,000.00	$ 20,100.00	$ 20,100.00
46	MONITOR EXIST STRUCTS - VIBRATION MONITORING	1.0	LS	$ 8,215.00	$ 15,500.00	$ 560.00	$ 560.00	$ 19,200.00	$ 19,200.00	$ 1,000.00	$ 1,000.00	$ 12,100.00	$ 12,100.00

HOOD RD., E. OF FLORIDA'S TURNPIKE TO W. OF CENTRAL BLVD. AND HOOD RD. & CENTRAL BLVD. IMPROVEMENTS
PALM BEACH COUNTY PROJECT NOS. 2014502 & 2013522

ITEM #	DESCRIPTION	QTY	UNIT	AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Ranger Construction Industries, Inc.		LM Heavy Civil Construction , LLC		JW Cheatham, LLC		Munilla Construction Management, LLC dba MCM	
				UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
47	RIP-RAP, SAND CEMENT	36.2	CY	$ 599.06	$ 650.00	$ 547.00	$ 19,801.40	$ 187.25	$ 6,778.45	$ 532.00	$ 19,258.40	$ 1,130.00	$ 40,906.00
48	FENCING, TYPE B, 6' HEIGHT	126.0	LF	$ 43.88	$ 25.00	$ 50.00	$ 6,300.00	$ 66.00	$ 8,316.00	$ 13.00	$ 1,638.00	$ 46.50	$ 5,859.00
49	FENCE GATE (TYPE B) SWINGING (12')	1.0	EA	$ 1,498.00	$ 1,500.00	$ 1,330.00	$ 1,330.00	$ 1,650.00	$ 1,650.00	$ 1,782.00	$ 1,782.00	$ 1,230.00	$ 1,230.00
50	6" SCHD 80 PVC IRRIGATION SLEEVE	1945.0	LF	$ 16.08	$ 20.00	$ 21.05	$ 40,942.25	$ 4.75	$ 9,238.75	$ 20.50	$ 39,872.50	$ 18.00	$ 35,010.00
51	CONCRETE CURB TYPE D	119.7	LF	$ 23.68	$ 30.00	$ 22.20	$ 2,657.34	$ 24.00	$ 2,872.80	$ 20.00	$ 2,394.00	$ 28.50	$ 3,411.45
52	CONCRETE CURB AND GUTTER TYPE F	23486.0	LF	$ 14.76	$ 16.87	$ 15.95	$ 374,601.70	$ 14.60	$ 342,895.60	$ 13.50	$ 317,061.00	$ 15.00	$ 352,290.00
53	CONCRETE BARRIER WALL (RIGID) (CURB AND GUTTER)	1368.0	LF	$ 210.63	$ 250.00	$ 217.50	$ 297,540.00	$ 221.00	$ 302,328.00	$ 194.00	$ 265,392.00	$ 210.00	$ 287,280.00
54	CONCRETE SHOULDER GUTTER	551.0	LF	$ 21.35	$ 18.00	$ 21.15	$ 11,653.65	$ 20.25	$ 11,157.75	$ 21.00	$ 11,571.00	$ 23.00	$ 12,673.00
55	CONCRETE SIDEWALK (4" THICK)	6394.0	SY	$ 36.81	$ 38.41	$ 41.72	$ 266,757.68	$ 35.00	$ 223,790.00	$ 33.50	$ 214,199.00	$ 37.00	$ 236,578.00
56	CONCRETE SIDEWALK (6" THICK)	984.0	SY	$ 57.25	$ 48.54	$ 64.50	$ 63,468.00	$ 63.00	$ 61,992.00	$ 38.00	$ 37,392.00	$ 63.50	$ 62,484.00
57	ENGRAVING OF CURB FACE	10.0	EA	$ 244.25	$ 391.25	$ 330.00	$ 3,300.00	$ 231.00	$ 2,310.00	$ 200.00	$ 2,000.00	$ 216.00	$ 2,160.00
58	CLASS NS CONCRETE (GRAVITY WALL)	113.2	CY	$ 641.30	$ 425.00	$ 482.20	$ 54,585.04	$ 792.00	$ 89,654.40	$ 500.00	$ 56,600.00	$ 791.00	$ 89,541.20
59	STEEL GUIDERAIL	2147.0	LF	$ 59.21	$ 60.00	$ 61.80	$ 132,684.60	$ 61.25	$ 131,503.75	$ 58.30	$ 125,170.10	$ 55.50	$ 119,158.50
60	ROADWAY GUARDRAIL	4005.0	LF	$ 26.28	$ 25.00	$ 32.11	$ 128,600.55	$ 23.10	$ 92,515.50	$ 25.90	$ 103,729.50	$ 24.00	$ 96,120.00
61	GUARDRAIL REMOVAL	5124.0	LF	$ 1.66	$ 3.75	$ 1.78	$ 9,120.72	$ 1.75	$ 8,967.00	$ 1.60	$ 8,198.40	$ 1.50	$ 7,686.00
62	THRIE-BEAM GUARDRAIL ATTACHMENT TO BRIDGE	4.0	EA	$ 3,650.75	$ 2,200.00	$ 3,700.00	$ 14,800.00	$ 3,663.00	$ 14,652.00	$ 3,710.00	$ 14,840.00	$ 3,530.00	$ 14,120.00
63	SPECIAL SHOE GUARDRAIL ATTACHMENT TO BRIDGE	1.0	EA	$ 752.25	$ 2,200.00	$ 1,040.00	$ 1,040.00	$ 1,034.00	$ 1,034.00	$ 480.00	$ 480.00	$ 455.00	$ 455.00
64	GUARDRAIL END ANCHORAGE TYPE II	3.0	EA	$ 1,022.00	$ 650.00	$ 1,250.00	$ 3,750.00	$ 1,240.00	$ 3,720.00	$ 820.00	$ 2,460.00	$ 778.00	$ 2,334.00
65	GUARDRAIL END ANCHORAGE TYPE PARALLEL	6.0	EA	$ 3,225.00	$ 2,350.00	$ 3,330.00	$ 19,980.00	$ 3,300.00	$ 19,800.00	$ 3,210.00	$ 19,260.00	$ 3,060.00	$ 18,360.00
66	SPECIAL GUARDRAIL POST	6.0	EA	$ 275.50	$ 120.00	$ 330.00	$ 1,980.00	$ 325.00	$ 1,950.00	$ 230.00	$ 1,380.00	$ 217.00	$ 1,302.00
67	ENCASED GUARDRAIL POST	3.0	EA	$ 274.63	$ 100.00	$ 310.00	$ 930.00	$ 302.50	$ 907.50	$ 250.00	$ 750.00	$ 236.00	$ 708.00
68	COLOR TREATED AND STAMPED CONCRETE SEPARATOR	292.0	SY	$ 93.00	$ 80.26	$ 86.00	$ 25,112.00	$ 106.00	$ 30,952.00	$ 81.00	$ 23,652.00	$ 99.00	$ 28,908.00
69	2-2" PVC SCHD 40 CONDUIT TRAFFIC F/O CABLE	865.0	LF	$ 7.48	$ 10.00	$ 7.45	$ 6,444.25	$ 6.80	$ 5,882.00	$ 7.25	$ 6,271.25	$ 8.40	$ 7,266.00
	SUBTOTAL (ROADWAY)						$ 9,141,907.36		$ 9,391,141.66		$ 10,442,139.05		$ 9,496,751.40
BRIDGE ITEMS													
70	CLASS II STRUCTURAL CONCRETE (DECK)	320.0	CY	$ 847.50	$ 555.00	$ 890.00	$ 284,800.00	$ 713.00	$ 228,160.00	$ 864.00	$ 276,480.00	$ 923.00	$ 295,360.00
71	REINFORCING STEEL (SUPERSTRUCTURE)	83589.0	LB	$ 1.20	$ 1.00	$ 1.11	$ 92,783.79	$ 1.50	$ 125,383.50	$ 1.10	$ 91,947.90	$ 1.10	$ 91,947.90
72	BRIDGE DECK EXPANSION JOINTS	94.0	LF	$ 103.50	$ 52.00	$ 67.00	$ 6,298.00	$ 176.00	$ 16,544.00	$ 65.00	$ 6,110.00	$ 106.00	$ 9,964.00
73	BRIDGE DECK GROOVING - DECK THICKNESS LESS THAN 8.5"	1003.0	SY	$ 16.89	$ 9.50	$ 15.55	$ 15,596.65	$ 22.00	$ 22,066.00	$ 15.00	$ 15,045.00	$ 15.00	$ 15,045.00
74	CLASS II STRUCTURAL CONCRETE (APPROACH SLAB)	111.3	CY	$ 462.25	$ 390.00	$ 506.00	$ 56,317.80	$ 214.00	$ 23,818.20	$ 486.00	$ 54,091.80	$ 643.00	$ 71,565.90
75	REINFORCING STEEL (APPROACH SLAB)	21624.0	LB	$ 1.23	$ 1.00	$ 1.11	$ 24,002.64	$ 1.50	$ 32,436.00	$ 1.10	$ 23,786.40	$ 1.20	$ 25,948.80
76	CONCRETE TRAFFIC RAILING - BRIDGE 32" F-SHAPE	758.0	LF	$ 134.01	$ 70.00	$ 135.55	$ 102,746.90	$ 196.50	$ 148,947.00	$ 103.00	$ 78,074.00	$ 101.00	$ 76,558.00
77	CONCRETE PARAPET - PEDESTRIAN /BICYCLE	1725.0	LF	$ 140.04	$ 35.00	$ 146.00	$ 251,850.00	$ 153.15	$ 264,183.75	$ 124.00	$ 213,900.00	$ 137.00	$ 236,325.00
78	ALUMINUM BULLET RAILING - DOUBLE RAIL	1725.0	LF	$ 38.84	$ 30.00	$ 33.35	$ 57,528.75	$ 46.00	$ 79,350.00	$ 45.00	$ 77,625.00	$ 31.00	$ 53,475.00
79	PRESTRESSED BEAMS, FLORIDA I BEAMS, FIB-63	2062.5	LF	$ 380.19	$ 275.00	$ 361.15	$ 744,871.88	$ 457.60	$ 943,800.00	$ 346.00	$ 713,625.00	$ 356.00	$ 734,250.00
80	NEOPRENE BEARING PADS	24.0	CF	$ 1,167.50	$ 760.00	$ 1,110.00	$ 26,640.00	$ 1,490.00	$ 35,760.00	$ 1,080.00	$ 25,920.00	$ 990.00	$ 23,760.00
81	CLASS IV STRUCTURAL CONCRETE (SUBSTRUCTURE)	92.9	CY	$ 1,141.00	$ 1,005.00	$ 1,000.00	$ 92,900.00	$ 1,132.00	$ 105,162.80	$ 972.00	$ 90,298.80	$ 1,460.00	$ 135,634.00
82	CLASS IV STRUCTURAL CONCRETE (MASS-STRUCTURE)	123.7	CY	$ 1,019.56	$ 595.00	$ 778.00	$ 96,238.60	$ 814.25	$ 100,722.73	$ 756.00	$ 93,517.20	$ 1,730.00	$ 214,001.00
83	CLEANING AND COATING CONCRETE SURFACE, CLASS 5	10251.0	SF	$ 1.69	$ 1.70	$ 1.40	$ 14,351.40	$ 3.30	$ 33,828.30	$ 1.05	$ 10,763.55	$ 1.00	$ 10,251.00
84	REINFORCING STEEL (SUBSTRUCTURE)	38496.0	LB	$ 1.28	$ 1.00	$ 1.11	$ 42,730.56	$ 1.50	$ 57,744.00	$ 1.10	$ 42,345.60	$ 1.40	$ 53,894.40
85	STRUCTURAL CONCRETE (18" PRESTRESSED PILES)	1150.0	LF	$ 94.58	$ 90.00	$ 66.70	$ 76,705.00	$ 141.60	$ 162,840.00	$ 65.00	$ 74,750.00	$ 105.00	$ 120,750.00
86	STRUCTURAL CONCRETE (24" PRESTRESSED PILES)	984.0	LF	$ 104.70	$ 110.00	$ 77.80	$ 76,555.20	$ 145.00	$ 142,680.00	$ 76.00	$ 74,784.00	$ 120.00	$ 118,080.00
87	TEST PILES - PRESTRESSED CONCRETE, 18" SQ	65.0	LF	$ 444.75	$ 245.00	$ 334.00	$ 21,710.00	$ 210.00	$ 13,650.00	$ 324.00	$ 21,060.00	$ 911.00	$ 59,215.00
88	TEST PILES - PRESTRESSED CONCRETE, 24" SQ	194.0	LF	$ 333.65	$ 250.00	$ 355.60	$ 68,986.40	$ 220.00	$ 42,680.00	$ 346.00	$ 67,124.00	$ 413.00	$ 80,122.00
89	CONCRETE SLOPE PAVEMENT, 4" NON REINFORCED	228.0	SY	$ 88.15	$ 100.00	$ 55.60	$ 12,676.80	$ 110.00	$ 25,080.00	$ 54.00	$ 12,312.00	$ 133.00	$ 30,324.00
90	RETAINING WALL SYSTEM	31623.6	SF	$ 40.41	$ 37.00	$ 37.55	$ 1,187,466.18	$ 34.60	$ 1,094,176.56	$ 35.50	$ 1,122,637.80	$ 54.00	$ 1,707,674.40

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				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Ranger Construction Industries, Inc.		LM Heavy Civil Construction, LLC		JW Cheatham, LLC		Munilla Construction Management, LLC dba MCM	
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
91	EDC INSTRUMENTATION AND INSTALLATION (TEST & PRODUCTION PILES)	38.0	EA	$ 1,484.50	$ 1,020.00	$ 1,220.00	$ 46,360.00	$ 1,650.00	$ 62,700.00	$ 1,188.00	$ 45,144.00	$ 1,880.00	$ 71,440.00
92	REMOVAL OF EXISTING STRUCTURES	1.0	LS	$ 9,443.00	$ 10,000.00	$ 5,560.00	$ 5,560.00	$ 26,302.00	$ 26,302.00	$ 1,620.00	$ 1,620.00	$ 4,290.00	$ 4,290.00
93	CONCRETE TRAFFIC RAILING - BRIDGE 32" F-SHAPE	427.0	LF	$ 127.41	$ 120.00	$ 111.12	$ 47,448.24	$ 196.00	$ 83,692.00	$ 108.00	$ 46,116.00	$ 94.50	$ 40,351.50
94	CLASS II STRUCTURAL CONCRETE (APPROACH SLAB)	11.5	CY	$ 941.00	$ 425.00	$ 1,000.00	$ 11,500.00	$ 582.00	$ 6,693.00	$ 972.00	$ 11,178.00	$ 1,210.00	$ 13,915.00
95	REINFORCING STEEL (APPROACH SLAB)	1836.0	LB	$ 3.13	$ 1.25	$ 1.11	$ 2,037.96	$ 1.50	$ 2,754.00	$ 1.10	$ 2,019.60	$ 8.80	$ 16,156.80
96	ALUMINUM BULLET RAILING - DOUBLE RAIL	400.0	LF	$ 38.81	$ 30.00	$ 33.35	$ 13,340.00	$ 45.90	$ 18,360.00	$ 45.00	$ 18,000.00	$ 31.00	$ 12,400.00
97	BRIDGE DECK EXPANSION JOINT, REHAB, POURED JOINT W/BACKER ROD	11.0	LF	$ 214.38	$ 75.00	$ 124.50	$ 1,369.50	$ 176.00	$ 1,936.00	$ 121.00	$ 1,331.00	$ 436.00	$ 4,796.00
			SUBTOTAL (BRIDGE)				$ 3,481,372.25		$ 3,901,449.84		$ 3,311,606.65		$ 4,327,494.70
ITS ITEMS													
98	CONDUIT (F&I) (OPEN TRENCH)	900.0	LF	$ 6.49	$ 7.25	$ 5.40	$ 4,860.00	$ 5.30	$ 4,770.00	$ 5.25	$ 4,725.00	$ 10.00	$ 9,000.00
99	FIBER OPTIC CABLE (UNDERGROUND)(97-144 FIBERS)	23015.0	LF	$ 3.88	$ 3.20	$ 3.90	$ 89,758.50	$ 4.00	$ 92,060.00	$ 3.80	$ 87,457.00	$ 3.80	$ 87,457.00
100	FIBER OPTIC CABLE (REMOVE) (UNDERGROUND)	23015.0	LF	$ 0.49	$ 1.50	$ 0.45	$ 10,356.75	$ 0.55	$ 12,658.25	$ 0.45	$ 10,356.75	$ 0.50	$ 11,507.50
101	FIBER OPTIC CONNECTION (INSTALL) (SPLICE)	308.0	EA	$ 45.38	$ 42.00	$ 42.00	$ 12,936.00	$ 50.50	$ 15,554.00	$ 41.00	$ 12,628.00	$ 48.00	$ 14,784.00
102	PULL & SPLICE BOX (F&I) (24"X36" COVER SIZE)	1.0	EA	$ 1,683.25	$ 1,250.00	$ 1,970.00	$ 1,970.00	$ 1,200.00	$ 1,200.00	$ 1,913.00	$ 1,913.00	$ 1,650.00	$ 1,650.00
103	ELECTRIC SERVICE WIRE	935.0	LF	$ 3.53	$ 6.00	$ 3.10	$ 2,898.50	$ 2.60	$ 2,431.00	$ 3.00	$ 2,805.00	$ 5.40	$ 5,049.00
104	FIBER OPTIC SPLICE ENCLOSURE	7.0	EA	$ 989.75	$ 850.00	$ 880.00	$ 6,160.00	$ 1,046.00	$ 7,322.00	$ 853.00	$ 5,971.00	$ 1,180.00	$ 8,260.00
105	FIBER OPTIC TRAY	7.0	EA	$ 64.88	$ 60.00	$ 60.00	$ 420.00	$ 72.00	$ 504.00	$ 58.00	$ 406.00	$ 69.50	$ 486.50
			SUBTOTAL (ITS)				$ 129,359.75		$ 136,499.25		$ 126,261.75		$ 138,194.00
SIGNALIZATION ITEMS													
106	630-2-11 2" PVC (SCH 40) UNDERGROUND CONDUIT	5721.0	LF	$ 6.16	$ 7.25	$ 5.40	$ 30,893.40	$ 5.80	$ 33,181.80	$ 5.25	$ 30,035.25	$ 8.20	$ 46,912.20
107	630-2-12 2-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	2273.0	LF	$ 18.84	$ 16.00	$ 19.45	$ 44,209.85	$ 20.00	$ 45,460.00	$ 18.90	$ 42,959.70	$ 17.00	$ 38,641.00
108	630-2-12-4 4-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	848.0	LF	$ 29.50	$ 30.00	$ 32.00	$ 27,136.00	$ 29.50	$ 25,016.00	$ 31.00	$ 26,288.00	$ 25.50	$ 21,624.00
109	632-7-1-19A SIGNAL CABLE (SPAN LENGTH 0' - 250')	1.0	PI	$ 1,454.00	$ 485.00	$ 630.00	$ 630.00	$ 486.00	$ 486.00	$ 610.00	$ 610.00	$ 4,090.00	$ 4,090.00
110	632-7-1-19E SIGNAL CABLE (SPAN LENGTH 551' - 650')	2.0	PI	$ 6,231.75	$ 7,200.00	$ 5,030.00	$ 10,060.00	$ 6,767.00	$ 13,534.00	$ 4,890.00	$ 9,780.00	$ 8,240.00	$ 16,480.00
111	632-7-1-19G SIGNAL CABLE (SPAN LENGTH 751' - Greater)	2.0	PI	$ 7,740.25	$ 6,800.00	$ 8,200.00	$ 16,400.00	$ 5,240.00	$ 10,480.00	$ 7,971.00	$ 15,942.00	$ 9,550.00	$ 19,100.00
112	632-7-1-4A PEDESTRIAN SIGNAL CABLE - 4 CONDUCTOR	1.0	PI	$ 1,101.25	$ 1,060.00	$ 970.00	$ 970.00	$ 960.00	$ 960.00	$ 945.00	$ 945.00	$ 1,530.00	$ 1,530.00
113	632-7-1-7A PEDESTRIAN SIGNAL CABLE - 7 CONDUCTOR	1.0	PI	$ 1,795.00	$ 1,465.00	$ 1,310.00	$ 1,310.00	$ 2,685.00	$ 2,685.00	$ 1,275.00	$ 1,275.00	$ 1,910.00	$ 1,910.00
114	633-1-121-12 FIBER OPTIC CABLE, (FSM) 12-COUNT (UNDERGROUND)	450.0	LF	$ 2.74	$ 1.75	$ 2.55	$ 1,147.50	$ 3.10	$ 1,395.00	$ 2.50	$ 1,125.00	$ 2.80	$ 1,260.00
115	633-1-122-48 FIBER OPTIC CABLE, (FSM) 48-COUNT (UNDERGROUND)	5280.0	LF	$ 2.74	$ 1.95	$ 2.55	$ 13,464.00	$ 3.10	$ 16,368.00	$ 2.50	$ 13,200.00	$ 2.80	$ 14,784.00
116	FIBER OPTIC CONN. HADWR. (F&I) (SPLICE ENCLOSURE)	3.0	EA	$ 1,070.75	$ 985.00	$ 880.00	$ 2,640.00	$ 1,050.00	$ 3,150.00	$ 853.00	$ 2,559.00	$ 1,500.00	$ 4,500.00
117	FIBER OPTIC CONN. HADWR. (F&I) (SPLICE TRAY)	3.0	EA	$ 65.75	$ 62.72	$ 60.00	$ 180.00	$ 72.00	$ 216.00	$ 60.00	$ 180.00	$ 71.00	$ 213.00
118	633-2-31 FIBER OPTIC CONNECTION, INSTALL SPLICE	36.0	EA	$ 45.75	$ 42.00	$ 42.00	$ 1,512.00	$ 51.00	$ 1,836.00	$ 41.00	$ 1,476.00	$ 49.00	$ 1,764.00
119	633-2-32 FIBER OPTIC CONNECTION, INSTALL TERMINATION	3.0	EA	$ 1,764.00	$ 1,685.00	$ 1,640.00	$ 4,920.00	$ 1,956.00	$ 5,868.00	$ 1,600.00	$ 4,800.00	$ 1,860.00	$ 5,580.00
120	635-2-11 PULL BOX (13" x 24" x 12"D) HEAVY DUTY COVERS (TIER 15)	60.0	EA	$ 622.25	$ 590.00	$ 400.00	$ 24,000.00	$ 880.00	$ 52,800.00	$ 390.00	$ 23,400.00	$ 819.00	$ 49,140.00
121	635-2-12A PULL BOX (17" x 30" x 12"D) HEAVY DUTY COVERS (TIER 15)	3.0	EA	$ 784.00	$ 900.00	$ 550.00	$ 1,650.00	$ 931.00	$ 2,793.00	$ 535.00	$ 1,605.00	$ 1,120.00	$ 3,360.00
122	635-2-13-B PULL BOX (17" x 30" x 24"D) HEAVY DUTY SPLIT COVERS (ITS) (TIER 15)	11.0	EA	$ 929.75	$ 835.00	$ 670.00	$ 7,370.00	$ 1,075.00	$ 11,825.00	$ 654.00	$ 7,194.00	$ 1,320.00	$ 14,520.00
123	635-2-13-A PULL BOX (30" x 48" x 24"D) HEAVY DUTY SPLIT COVERS (ITS) (TIER 15)	5.0	EA	$ 1,918.75	$ 1,500.00	$ 1,950.00	$ 9,750.00	$ 1,500.00	$ 7,500.00	$ 1,895.00	$ 9,475.00	$ 2,330.00	$ 11,650.00
124	639-1-123 ELECTRICAL POWER SERVICE (UNDERGROUND)	3.0	AS	$ 2,623.75	$ 2,500.00	$ 2,310.00	$ 6,930.00	$ 2,119.00	$ 6,357.00	$ 2,246.00	$ 6,738.00	$ 3,820.00	$ 11,460.00
125	639-2-1 ELECTRICAL SERVICE WIRE (SIGLE PHASE 3-WIRE, TRIPLEX)	250.0	LF	$ 3.70	$ 6.00	$ 3.35	$ 837.50	$ 2.70	$ 675.00	$ 3.25	$ 812.50	$ 5.50	$ 1,375.00
126	639-3-11 ELECTRICAL SERVICE DISCONNECT	3.0	EA	$ 597.00	$ 835.00	$ 230.00	$ 690.00	$ 787.00	$ 2,361.00	$ 221.00	$ 663.00	$ 1,150.00	$ 3,450.00
127	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	4.0	EA	$ 4,685.25	$ 5,000.00	$ 6,060.00	$ 24,240.00	$ 4,770.00	$ 19,080.00	$ 5,891.00	$ 23,564.00	$ 2,020.00	$ 8,080.00
128	646-1-11 ALUMINUM SIGNALS POLE, PEDESTAL WITH TRANSFORMER BASE (8 FEET ABOVE GROUND)	25.0	EA	$ 1,082.50	$ 1,050.00	$ 980.00	$ 24,500.00	$ 1,360.00	$ 34,000.00	$ 950.00	$ 23,750.00	$ 1,040.00	$ 26,000.00
129	690-31-1 SIGNAL PEDESTAL, REMOVE	8.0	EA	$ 98.28	$ 85.00	$ 67.00	$ 536.00	$ 97.10	$ 776.80	$ 65.00	$ 520.00	$ 164.00	$ 1,312.00
130	649-31-107 MAST ARM ASSY D3-S22 46' W/LUM (POWDER COATED FINISH)	2.0	EA	$ 34,780.00	$ 31,000.00	$ 32,700.00	$ 65,400.00	$ 34,310.00	$ 68,620.00	$ 31,810.00	$ 63,620.00	$ 40,300.00	$ 80,600.00

HOOD RD., E. OF FLORIDA'S TURNPIKE TO W. OF CENTRAL BLVD. AND HOOD RD. & CENTRAL BLVD. IMPROVEMENTS

PALM BEACH COUNTY PROJECT NOS. 2014502 & 2013522

				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Ranger Construction Industries, Inc.		LM Heavy Civil Construction , LLC		JW Cheatham, LLC		Munilla Construction Management, LLC dba MCM	
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
131	649-31-108 MAST ARM ASSY D5-S23 60' W/LUM (POWDER COATED FINISH)	5.0	EA	$ 41,391.00	$ 37,000.00	$ 39,267.00	$ 196,335.00	$ 41,527.00	$ 207,635.00	$ 38,170.00	$ 190,850.00	$ 46,600.00	$ 233,000.00
132	649-31-109 MAST ARM ASSY D6-S24 70' 6" W/LUM (POWDER COATED FINISH)	3.0	EA	$ 47,598.75	$ 41,000.00	$ 46,800.00	$ 140,400.00	$ 48,100.00	$ 144,300.00	$ 45,495.00	$ 136,485.00	$ 50,000.00	$ 150,000.00
133	CUSTOM M.A CUSTOM M.A (F&I) (DOUBLE ARM/ W LUMINARE)	1.0	EA	$ 52,861.25	$ 50,500.00	$ 52,800.00	$ 52,800.00	$ 48,400.00	$ 48,400.00	$ 51,345.00	$ 51,345.00	$ 58,900.00	$ 58,900.00
134	649-36-5-00 REMOVE STEEL MAST ARM ASSEMBLY - DEEP REMOVAL (INCLUDES ARM (S), UPRIGHT AND WHOLE BURIED ATTACHMENTS TO THE DEPTH OF EXISTING FOUDATION BELOW GROUND) INCLUDES DELIVERY OF REMOVED MAST ARM EQUIPMENT)	1.0	EA	$ 9,066.00	$ 10,000.00	$ 9,680.00	$ 9,680.00	$ 13,627.00	$ 13,627.00	$ 9,407.00	$ 9,407.00	$ 3,550.00	$ 3,550.00
134A	650-1-13 TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 1-WAY) INCLUDES BACKPLATES	35.0	AS	$ 1,010.00	$ 1,000.00	$ 1,006.00	$ 35,210.00	$ 1,064.00	$ 37,240.00	$ 977.00	$ 34,195.00	$ 993.00	$ 34,755.00
135	650-1-14 TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY) INCLUDES BACKPLATES	2.0	AS	$ 1,357.50	$ 1,270.00	$ 1,500.00	$ 3,000.00	$ 1,290.00	$ 2,580.00	$ 1,460.00	$ 2,920.00	$ 1,180.00	$ 2,360.00
136	650-1-15 TRAFFIC SIGNAL HEAD ALUMINUM (5-SECTION, 1-WAY) INCLUDES BACKPLATES	6.0	AS	$ 1,585.00	$ 1,525.00	$ 1,630.00	$ 9,780.00	$ 1,760.00	$ 10,560.00	$ 1,590.00	$ 9,540.00	$ 1,360.00	$ 8,160.00
137	650-1-70 TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	4.0	EA	$ 57.78	$ 50.00	$ 83.00	$ 332.00	$ 23.60	$ 94.40	$ 81.00	$ 324.00	$ 43.50	$ 174.00
137A	653-191 PEDESTRIAN SIGNAL - COUNT DOWN (1-WAY) ALUMINUM	22.0	EA	$ 684.75	$ 600.00	$ 640.00	$ 14,080.00	$ 714.00	$ 15,708.00	$ 621.00	$ 13,662.00	$ 764.00	$ 16,808.00
138	653-192 PEDESTRIAN SIGNAL - COUNT DOWN (2-WAY) ALUMINUM	3.0	EA	$ 1,296.50	$ 1,200.00	$ 1,180.00	$ 3,540.00	$ 1,331.00	$ 3,993.00	$ 1,145.00	$ 3,435.00	$ 1,530.00	$ 4,590.00
139	654-2-21 RECTANGULAR RAPID FLASHING BEACON, SOLAR POWERED, SINGLE DIRECTION	2.0	EA	$ 9,067.50	$ 10,000.00	$ 10,100.00	$ 20,200.00	$ 6,730.00	$ 13,460.00	$ 9,840.00	$ 19,680.00	$ 9,600.00	$ 19,200.00
140	660-4-10-B3 VIDEO IMAGE DETECTION 3 - CAMERA SYSTEM (ITERIS) COMPLETE.	1.0	EA	$ 25,301.25	$ 25,000.00	$ 25,800.00	$ 25,800.00	$ 24,100.00	$ 24,100.00	$ 25,105.00	$ 25,105.00	$ 26,200.00	$ 26,200.00
141	660-4-10-B4 VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (ITERIS) COMPLETE.	3.0	EA	$ 30,916.75	$ 30,000.00	$ 32,850.00	$ 98,550.00	$ 29,787.00	$ 89,361.00	$ 31,930.00	$ 95,790.00	$ 29,100.00	$ 87,300.00
142	665-1-11 PEDESTRIAN DETECTOR (PUSH BUTTON)	28.0	EA	$ 173.90	$ 260.00	$ 155.60	$ 4,356.80	$ 160.00	$ 4,480.00	$ 151.00	$ 4,228.00	$ 229.00	$ 6,412.00
143	670-5-11A TRAFFIC CONTROLLER ASSEMBLY (TYPE 5) AS PER NAZTEC	3.0	AS	$ 27,904.00	$ 31,500.00	$ 29,100.00	$ 87,300.00	$ 24,916.00	$ 74,748.00	$ 28,300.00	$ 84,900.00	$ 29,300.00	$ 87,900.00
144	690-50-0 REMOVE CONTROLLER ASSEMBLY COMPLETE WITH FOUNDATION - INCLUDES DELIVERY OF REMOVED CONTROLLER EQUIPMENT	1.0	EA	$ 511.00	$ 500.00	$ 570.00	$ 570.00	$ 280.00	$ 280.00	$ 550.00	$ 550.00	$ 644.00	$ 644.00
145	MANAGED FIELD ETHERNET SWITCH (F&I)	3.0	EA	$ 3,449.00	$ 2,200.00	$ 3,270.00	$ 9,810.00	$ 3,691.00	$ 11,073.00	$ 3,175.00	$ 9,525.00	$ 3,660.00	$ 10,980.00
146	UNINTERRUPTIBLE POWER SUPPLY (F&I) (LINE INTERACTIVE)	3.0	EA	$ 6,315.00	$ 5,000.00	$ 9,580.00	$ 28,740.00	$ 590.00	$ 1,770.00	$ 9,310.00	$ 27,930.00	$ 5,780.00	$ 17,340.00
147	690-100 REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	5.0	EA	$ 910.50	$ 1,000.00	$ 830.00	$ 4,150.00	$ 97.00	$ 485.00	$ 805.00	$ 4,025.00	$ 1,910.00	$ 9,550.00
148	700-5-22 INTERNALLY ILLUMINATED SIGN (8') FLUORESCENT	10.0	EA	$ 3,266.75	$ 3,500.00	$ 3,390.00	$ 33,900.00	$ 3,047.00	$ 30,470.00	$ 3,300.00	$ 33,000.00	$ 3,330.00	$ 33,300.00
	SUBTOTAL (SIGNALIZATION)						$ 1,099,910.05		$ 1,101,788.00		$ 1,069,412.45		$ 1,200,458.20
LIGHTING ITEMS													
149	CONDUIT (F&I) (OPEN TRENCH)	645.0	LF	$ 6.05	$ 7.25	$ 5.40	$ 3,483.00	$ 6.05	$ 3,902.25	$ 5.25	$ 3,386.25	$ 7.50	$ 4,837.50
150	CONDUIT (F&I) (DIRECTIONAL BORE)	270.0	LF	$ 19.04	$ 16.00	$ 19.45	$ 5,251.50	$ 19.80	$ 5,346.00	$ 18.90	$ 5,103.00	$ 18.00	$ 4,860.00
151	CONDUIT (F&I) (BRIDGE MOUNT)	410.0	LF	$ 14.04	$ 33.00	$ 16.65	$ 6,826.50	$ 9.80	$ 4,018.00	$ 16.20	$ 6,642.00	$ 13.50	$ 5,535.00
152	PULL & SPLICE BOX (F&I) (13"X24" COVER SIZE)	6.0	EA	$ 652.00	$ 590.00	$ 490.00	$ 2,940.00	$ 880.00	$ 5,280.00	$ 481.00	$ 2,886.00	$ 757.00	$ 4,542.00
153	JUNCTION BOX, (F&I), MOUNTED	2.0	EA	$ 241.78	$ 420.00	$ 320.00	$ 640.00	$ 337.00	$ 674.00	$ 308.00	$ 616.00	$ 2.10	$ 4.20
154	ELECTRIC POWER SERVICE (F&I)(UNDERGROUND)(METER NOT REQ)	1.0	AS	$ 2,298.75	$ 2,200.00	$ 2,310.00	$ 2,310.00	$ 1,769.00	$ 1,769.00	$ 2,246.00	$ 2,246.00	$ 2,870.00	$ 2,870.00
155	ELECTRIC SERVICE WIRE	1000.0	LF	$ 2.93	$ 6.00	$ 3.35	$ 3,350.00	$ 2.60	$ 2,600.00	$ 3.25	$ 3,250.00	$ 2.50	$ 2,500.00
156	LIGHTING CONDUCTORS (F&I) (INSULLATED)(NO. 10 OR <)	1230.0	LF	$ 0.99	$ 1.10	$ 0.85	$ 1,045.50	$ 1.30	$ 1,599.00	$ 0.80	$ 984.00	$ 1.00	$ 1,230.00
157	LIGHTING CONDUCTORS (F&I) (INSULLATED)(NO. 8 TO 6)	320.0	LF	$ 1.25	$ 4.60	$ 1.20	$ 384.00	$ 1.00	$ 320.00	$ 1.20	$ 384.00	$ 1.60	$ 512.00
158	LIGHTING CONDUCTORS (F&I) (INSULLATED)(NO. 4 TO 2)	3700.0	LF	$ 1.83	$ 2.25	$ 1.65	$ 6,105.00	$ 1.30	$ 4,810.00	$ 1.65	$ 6,105.00	$ 2.70	$ 9,990.00
159	LIGHT POLE COMPLETE (RELOCATE)	1.0	EA	$ 2,651.50	$ 2,700.00	$ 710.00	$ 710.00	$ 5,060.00	$ 5,060.00	$ 686.00	$ 686.00	$ 4,150.00	$ 4,150.00
160	LOAD CENTER (F&I) (SECONDARY VOLTAGE)	1.0	EA	$ 15,554.00	$ 12,000.00	$ 14,100.00	$ 14,100.00	$ 17,500.00	$ 17,500.00	$ 13,716.00	$ 13,716.00	$ 16,900.00	$ 16,900.00
161	LOAD CENTER (REMOVE) (SECONDARY VOLTAGE)	1.0	EA	$ 1,023.00	$ 700.00	$ 720.00	$ 720.00	$ 1,050.00	$ 1,050.00	$ 702.00	$ 702.00	$ 1,620.00	$ 1,620.00
162	LUMINAIRE (F&I) (UNDERDECK) (WALL MOUNT)	4.0	EA	$ 825.00	$ 775.00	$ 760.00	$ 3,040.00	$ 1,007.00	$ 4,028.00	$ 735.00	$ 2,940.00	$ 798.00	$ 3,192.00
163	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	1.0	EA	$ 616.50	$ 875.00	$ 520.00	$ 520.00	$ 885.00	$ 885.00	$ 508.00	$ 508.00	$ 553.00	$ 553.00
164	POLE CABLE DISTRIBUTION SYSTEM (WALL MOUNT)	4.0	EA	$ 465.50	$ 350.00	$ 370.00	$ 1,480.00	$ 715.00	$ 2,860.00	$ 362.00	$ 1,448.00	$ 415.00	$ 1,660.00
	SUBTOTAL (LIGHTING)						$ 52,905.50		$ 61,701.25		$ 51,602.25		$ 64,955.70