

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

Agenda Item #: 3-C-7

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

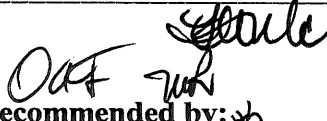
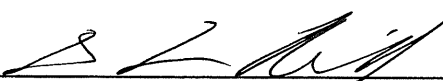
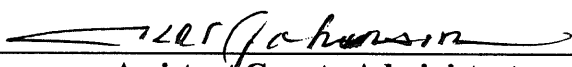
Motion and Title: Staff recommends motion to approve: a contract with Kiewit Infrastructure South Co. (Kiewit) in the amount of \$8,891,974.50 for the rehabilitation of the Camino Real Road/Boca Club bridge over the Intracoastal Waterway (Project).

SUMMARY: Approval of this contract will allow Palm Beach County to issue a notice to proceed to Kiewit, a Broward County based company, to begin construction of the project. The work consists of the rehabilitation of the Camino Real Road/Boca Club bridge over the Intracoastal Waterway. The work will include minor widening of the fixed and bascule bridge elements, relocation of the bridge tender house, renovating and replacing the fender system, new mechanical equipment for the bridge, reconstruction of the roadway approaches and sidewalks and minor drainage improvements. The Small Business Enterprise (SBE) goal for all contracts is 15%. The lowest responsive, responsible bidder, Kiewit, committed to 15.9% SBE participation. District 4 (LBH)

Background and Justification: Bids for the project were received by the Engineering Department on May 16, 2017. Time to complete all work under this contract shall be 485 calendar days.

Attachments:

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

Recommended by:   Date: 8/10/17
Department Director
Approved by:  Date: 8/30/17
Assistant County Administrator

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	<u>\$9,522,950</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>\$9,522,950</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 3500 Dept 361 Unit 1449 Object 6551/6555

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvement Fund
Camino Real Rd/Boca Club Bridge over the ICWW

Construction Contract	\$8,891,974.50
Contingency	\$ 266,759.99
Traffic Striping & Signage	\$ 6,615.51
Staff Costs	
-Roadway Production	\$ 177,800.00
-Survey Section	\$ 88,900.00
-Construction Coordination	\$ 88,900.00
-Traffic	\$ 2,000.00
FISCAL IMPACT	\$9,522,950.00

C. Departmental Fiscal Review:

Alice Kovalainen

III. REVIEW COMMENTS

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

Joe Hall 8/15/17
8/15 OFMB 8/15

Joe J. Jankowski 8/28/17
Contract Dev. and Control 8/25/17

B. Approved as to Form and Legal Sufficiency:

[Signature]
Assistant County Attorney

C. Other Department Review:

[Signature]
Department Director

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



ATTACHMENT 3
PAGE 1 OF 2

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 Kiewit Infrastructure South Co. of Sunrise, 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: CAMINO REAL ROAD/BOCA CLUB BRIDGE OVER INTRACOASTAL WATERWAY (BRIDGE REHABILITATION)

PROJECT NO.: 2003501

IN THE AMOUNT OF:
EIGHT MILLION, EIGHT HUNDRED NINETY ONE THOUSAND, NINE HUNDRED
SEVENTY FOUR DOLLARS & 50/100

(IN WORDS)

\$8,891,974.50

(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 four hundred eighty-five (485) 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

Paulette Burdick

APPROVED AS TO TERMS
AND CONDITIONS

(witness signature)

HEWLET INFRASTRUCTURE SOUTH CO.

(Corporate Name)

(witness name printed)

a *DELAWARE* corporation
(insert state of incorporation)

(witness signature)

By *Benjamin J. Carnazzo*
(signature)

(witness name printed)

Benjamin J. Carnazzo

(print signatory's name)

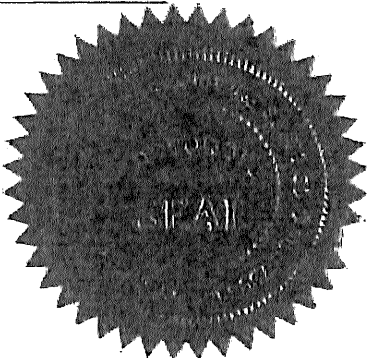
Its *SR. VICE PRESIDENT*
(print title)

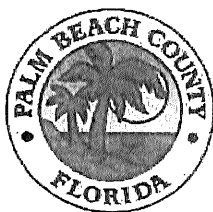
6-13-17

(date)

(Corporate Seal)

C-2





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"

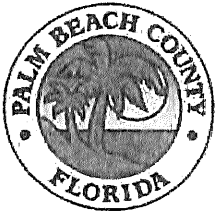
DATE: June 5, 2017
TO: Holly B. Knight, P.E., Contracts Section Manager
THROUGH: Allen Gray, Manager
Office of Small Business Assistance *A. Gray*
FROM: Angela D. Smith, Small Business Development Specialist
Office of Small Business Assistance *Angela D. Smith*
SUBJECT: Compliance Review on Project No. 2003501
Camino Real Road/Boca Club Bridge Over Intracoastal
Waterway (Bridge Rehabilitation)

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

Bidder #1: Kiewit Infrastructure South Co.
1580 Sawgrass Corporate Pkwy., Ste. 300
Sunrise, FL 33323
Phone: 954-835-2335
Bid Amount: \$8,891,974.50
Amount Less Contingency: \$8,877,774.50
Goal: 15% Overall
Goal Achieved: 15.9%

SBE Participation:

(SB)Rapid Milling & Paving, LLC	\$73,932.00	.83%
(SB)Pathway Enterprises	\$24,808.00	.27%
(SB)Coral Steel & Supply Co.	\$56,000.00	.63%
(SB)Anatom Construction Company	\$228,500.00	2.57%
(SB)Agricultural Land Services	\$6,812.75	.07%
(SB)Powerline of South Florida	<u>\$1,033,275.00</u>	<u>11.6%</u>
	\$1,423,327.75	15.9%



Bidder #2: GLF Construction Corporation
528 NW 7th Avenue
Miami, FL 33136
Phone: 305-371-5228
Bid Amount: \$9,671,764.00
Amount Less Contingency: \$9,662,139.00
Goal: 15%
Goal Achieved: 11.1%

SBE Participation:

(WB) Audio Video Systems, Inc.	\$34,357.00	.36%
(SB) Coral Steel & Supply Co.	\$56,000.00	.57%
(SB) Powerline of South Florida, Inc.	\$985,000.00	10.19%
(SB) Engecon Construction, Inc. ¹	<u>\$0.00</u>	<u>0%</u>
	1,075,357.00	11.1%

Bidder #3:² Cone & Graham
Bid Amount: \$0.00
Goal: 15%
Goal Achieved: 0%

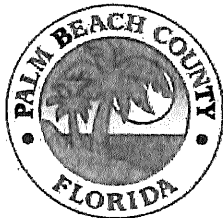
SBE Participation:

NIL (according to the Department's Memo)

Bidder #4: M&J Construction Co. of Pinellas
809 S. Safford Ave.
Tarpon Springs, FL 34689
Phone: 727-938-6478
Bid Amount: \$11,151,719.22
Amount Less Contingency: \$11,114,291.97

¹ Engecon Construction, Inc. is listed on the Schedule 1 for GLF Construction Corporation, however the dollar amount/percentage of work and Schedule 2 were not included, therefore no credit was given for that SBE.

² According to the Department, Cone & Graham did submit a bid for the project, however they reported "NIL" on their SBE participation. Therefore, they were not included in the review.



Goal: 15%
Goal Achieved: 31.1 %

<u>SBE Participation:</u>		
(SB) Coats Concrete Construction, Inc.	\$27,851.72	.25%
(SB) Coral Steel Co.	\$ 51,998.79	.46%
(SB) Powerline of South Florida	\$897,000.00	8.07%
(SB) S&S Concrete Finishing, LLC	\$227,138.00	2.04%
(SB) Seminole Supply Co, Inc.	<u>\$2,256,980.23</u>	<u>20.3%</u>
	\$3,460,968.74	31.1%

EVALUATION:

Bidder #1, Kiewit Infrastructure South Co., has met the SBE requirement for this contract.

CAMINO REAL/BOCA CLUB BRIDGE OVER INTRACOASTAL WATERWAY				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Kiewit Infrastructure South Co.		GLF Construction Corporation		Cone and Graham, Inc.		M&J Construction Co. of Pinellas County, Inc.	
PALM BEACH COUNTY PROJECT NO. 2003501													
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	\$ 990,048.50	\$ 80,000.00	\$ 880,000.00	\$ 880,000.00	\$ 950,000.00	\$ 950,000.00	\$ 967,510.00	\$ 967,510.00	\$ 1,162,684.00	\$ 1,162,684.00
2	Maintenance of Traffic (incl. Pedestrian M.O.T.)	1	LS	\$ 151,185.50	\$ 21,674.20	\$ 109,000.00	\$ 109,000.00	\$ 60,000.00	\$ 60,000.00	\$ 48,742.00	\$ 48,742.00	\$ 387,000.00	\$ 387,000.00
3	Sediment Barrier (Silt Fence)	1,145	LF	\$ 2.88	\$ 1.91	\$ 2.00	\$ 2,290.00	\$ 4.00	\$ 4,580.00	\$ 3.00	\$ 3,435.00	\$ 2.50	\$ 2,862.50
4	Clearing and Grubbing	1	LS	\$ 31,681.25	\$ 12,899.92	\$ 43,000.00	\$ 43,000.00	\$ 70,000.00	\$ 70,000.00	\$ 5,725.00	\$ 5,725.00	\$ 8,000.00	\$ 8,000.00
5	Floating Turbidity Barrier	668	LF	\$ 17.50	\$ 9.57	\$ 15.00	\$ 10,020.00	\$ 20.00	\$ 13,360.00	\$ 23.00	\$ 15,364.00	\$ 12.00	\$ 8,016.00
6	Regular Excavation	154	CY	\$ 42.25	\$ 5.16	\$ 55.00	\$ 8,470.00	\$ 50.00	\$ 7,700.00	\$ 29.00	\$ 4,466.00	\$ 35.00	\$ 5,390.00
7	Embankment (Compacted in Place)	146	CY	\$ 56.25	\$ 8.11	\$ 120.00	\$ 17,520.00	\$ 50.00	\$ 7,300.00	\$ 35.00	\$ 5,110.00	\$ 20.00	\$ 2,920.00
8	Optional Base Group 7	682	SY	\$ 55.75	\$ 58.69	\$ 37.00	\$ 25,234.00	\$ 85.00	\$ 57,970.00	\$ 73.00	\$ 49,786.00	\$ 28.00	\$ 19,096.00
9	Optional Base Group 13	98	SY	\$ 85.25	\$ 45.33	\$ 55.00	\$ 5,390.00	\$ 130.00	\$ 12,740.00	\$ 106.00	\$ 10,388.00	\$ 50.00	\$ 4,900.00
10	Mill Existing Asphalt Pavement 1"	1,004	SY	\$ 9.66	\$ 2.82	\$ 7.00	\$ 7,028.00	\$ 10.00	\$ 10,040.00	\$ 11.00	\$ 11,044.00	\$ 10.62	\$ 10,662.48
11	Miscellaneous Asphalt Pavement	5.0	TN	\$ 252.75	\$ 166.35	\$ 300.00	\$ 1,500.00	\$ 220.00	\$ 1,100.00	\$ 241.00	\$ 1,205.00	\$ 250.00	\$ 1,250.00
12	Superpave Asphalt Concrete (Traffic Level C) 1.5"	96.0	TN	\$ 243.80	\$ 90.51	\$ 290.00	\$ 27,840.00	\$ 220.00	\$ 21,120.00	\$ 241.00	\$ 23,136.00	\$ 224.20	\$ 21,523.20
13	Asph. Concrete Friction Course (1.0") (FC-9.5)	104.0	TN	\$ 236.85	\$ 110.20	\$ 225.00	\$ 23,400.00	\$ 210.00	\$ 21,840.00	\$ 241.00	\$ 25,064.00	\$ 271.40	\$ 28,225.60
14	Intet (Closed Flume) Type I	1	EA	\$ 7,341.25	\$ 3,996.40	\$ 6,000.00	\$ 6,000.00	\$ 7,500.00	\$ 7,500.00	\$ 8,015.00	\$ 8,015.00	\$ 7,850.00	\$ 7,850.00
15	Adjust Manholes	1	EA	\$ 625.50	\$ 506.13	\$ 600.00	\$ 600.00	\$ 380.00	\$ 380.00	\$ 401.00	\$ 401.00	\$ 1,121.00	\$ 1,121.00
16	Adjust Valve Boxes	5	EA	\$ 411.50	\$ 355.19	\$ 500.00	\$ 2,500.00	\$ 300.00	\$ 1,500.00	\$ 315.00	\$ 1,575.00	\$ 531.00	\$ 2,655.00
17	Adjust Fire Hydrant	1	EA	\$ 1,118.75	\$ 1,100.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,031.00	\$ 1,031.00	\$ 944.00	\$ 944.00
18	Concrete Curb (Type D)	138	LF	\$ 30.36	\$ 16.88	\$ 35.00	\$ 4,830.00	\$ 40.00	\$ 5,520.00	\$ 23.00	\$ 3,174.00	\$ 23.44	\$ 3,234.72
19	Concrete Curb & Gutter (Type F)	295	LF	\$ 39.45	\$ 19.39	\$ 56.00	\$ 16,520.00	\$ 40.00	\$ 11,800.00	\$ 35.00	\$ 10,325.00	\$ 26.78	\$ 7,900.10
20	Concrete Curb & Gutter (Drop Curb)	155	LF	\$ 36.00	\$ 19.39	\$ 37.00	\$ 5,735.00	\$ 40.00	\$ 6,200.00	\$ 41.00	\$ 6,355.00	\$ 26.00	\$ 4,030.00
21	Conc Sidewalk (4" Thick)	281	SY	\$ 56.07	\$ 38.17	\$ 50.00	\$ 14,050.00	\$ 50.00	\$ 14,050.00	\$ 69.00	\$ 19,389.00	\$ 55.27	\$ 15,530.87
22	Conc Sidewalk (6" Thick) (Driveways)	24	SY	\$ 80.13	\$ 50.16	\$ 55.00	\$ 1,320.00	\$ 60.00	\$ 1,440.00	\$ 115.00	\$ 2,760.00	\$ 90.51	\$ 2,172.24
23	Pipe Guiderail (Steel)	71	LF	\$ 51.60	\$ 40.50	\$ 55.00	\$ 3,905.00	\$ 50.00	\$ 3,550.00	\$ 43.00	\$ 3,053.00	\$ 58.41	\$ 4,147.11
24	Guardrail (Roadway)	95	LF	\$ 44.46	\$ 17.20	\$ 44.00	\$ 4,180.00	\$ 46.00	\$ 4,370.00	\$ 43.00	\$ 4,085.00	\$ 44.84	\$ 4,259.80
25	Guardrail Post	2	EA	\$ 301.28	\$ 50.00	\$ 350.00	\$ 700.00	\$ 400.00	\$ 800.00	\$ 107.00	\$ 214.00	\$ 348.10	\$ 696.20
26	End Anchorage Assemblies (Bridge)	1	EA	\$ 2,384.00	\$ 2,591.78	\$ 2,500.00	\$ 2,500.00	\$ 2,300.00	\$ 2,300.00	\$ 2,140.00	\$ 2,140.00	\$ 2,596.00	\$ 2,596.00
27	End Anchorage Assemblies (Type Flared)	1	EA	\$ 2,924.28	\$ 2,366.57	\$ 3,200.00	\$ 3,200.00	\$ 3,000.00	\$ 3,000.00	\$ 2,140.00	\$ 2,140.00	\$ 3,357.10	\$ 3,357.10
28	Sodding	1,603	SY	\$ 5.25	\$ 2.55	\$ 5.00	\$ 8,015.00	\$ 6.00	\$ 9,618.00	\$ 5.00	\$ 8,015.00	\$ 5.00	\$ 8,015.00
SUBTOTAL (ROADWAY)							\$ 1,236,247.00		\$ 1,310,778.00		\$ 1,243,647.00		\$ 1,731,038.92
SIGNAL & LIGHTING PAY ITEMS													
29	Mast Arm, F&I, Wind Speed-150, Single Arm, W/O Luminaire-36	2	EA	\$ 30,067.10	\$ 24,308.03	\$ 33,000.00	\$ 66,000.00	\$ 17,000.00	\$ 34,000.00	\$ 33,417.00	\$ 66,834.00	\$ 36,851.40	\$ 73,702.80
30	Mast Arm, Remove Shallow Foundation, Bolt On Attachment	2	EA	\$ 2,536.25	\$ 2,056.06	\$ 2,400.00	\$ 4,800.00	\$ 800.00	\$ 1,600.00	\$ 1,945.00	\$ 3,890.00	\$ 5,000.00	\$ 10,000.00
31	Traffic Signal, F&I, Aluminum, 3 Sect, 1 Way	4	AS	\$ 1,169.25	\$ 961.89	\$ 1,100.00	\$ 4,400.00	\$ 1,000.00	\$ 4,000.00	\$ 1,215.00	\$ 4,860.00	\$ 1,362.00	\$ 5,448.00
32	Sign Panel, F&I Overhead Mount, Up To 12 SF	2	EA	\$ 866.60	\$ 1,224.39	\$ 700.00	\$ 1,400.00	\$ 1,150.00	\$ 2,300.00	\$ 762.00	\$ 1,524.00	\$ 854.40	\$ 1,708.80
33	Lightpole Relocation	4	EA	\$ 6,278.50	\$ 2,900.00	\$ 14,000.00	\$ 56,000.00	\$ 7,500.00	\$ 30,000.00	\$ 1,814.00	\$ 7,256.00	\$ 1,800.00	\$ 7,200.00
SUBTOTAL (SIGNAL & LIGHTING)							\$ 132,600.00		\$ 71,900.00		\$ 84,364.00		\$ 98,059.60

CAMINO REAL/BOCA CLUB BRIDGE OVER INTRACOASTAL WATERWAY				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Kiewit Infrastructure South Co.		GLF Construction Corporation		Cone and Graham, Inc.		M&J Construction Co. of Pinellas County, Inc.	
PALM BEACH COUNTY PROJECT NO. 2003501													
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BRIDGE ITEMS													
34	Removal of Existing Structures / Bridges	1	LS	\$ 690,044.75	\$ 450,000.00	\$ 465,000.00	\$ 465,000.00	\$ 880,000.00	\$ 880,000.00	\$ 731,179.00	\$ 731,179.00	\$ 684,000.00	\$ 684,000.00
35	Protection of Existing Structures	1	LS	\$ 43,703.00	\$ 10,000.00	\$ 5,500.00	\$ 5,500.00	\$ 20,000.00	\$ 20,000.00	\$ 14,312.00	\$ 14,312.00	\$ 135,000.00	\$ 135,000.00
Superstructure													
36	1'6"x4'0"x37'10 1/2" Prestressed Precast Deck Units	303	LF	\$ 392.67	\$ 300.00	\$ 330.00	\$ 99,990.00	\$ 380.00	\$ 115,140.00	\$ 304.00	\$ 92,112.00	\$ 556.68	\$ 168,674.04
37	1'6"x5'0"x37'10 1/2" Prestressed Precast Deck Units	303	LF	\$ 401.67	\$ 300.00	\$ 350.00	\$ 106,050.00	\$ 380.00	\$ 115,140.00	\$ 304.00	\$ 92,112.00	\$ 572.68	\$ 173,522.04
38	1'6"x4'0"x24'-2 1/2" Prestressed Precast Deck Units	194	LF	\$ 392.24	\$ 300.00	\$ 320.00	\$ 62,080.00	\$ 380.00	\$ 73,720.00	\$ 310.00	\$ 60,140.00	\$ 558.95	\$ 108,436.30
39	1'6"x5'0"x24'-2 1/2" Prestressed Precast Deck Units	194	LF	\$ 400.99	\$ 300.00	\$ 340.00	\$ 65,960.00	\$ 380.00	\$ 73,720.00	\$ 309.00	\$ 59,946.00	\$ 574.95	\$ 111,540.30
40	Class 4 Finish Brige Decks And Approach Slabs	581	SY	\$ 16.25	\$ 12.00	\$ 4.00	\$ 2,324.00	\$ 8.00	\$ 4,648.00	\$ 26.00	\$ 15,106.00	\$ 27.00	\$ 15,687.00
41	Concrete Traffic Railing Barrier - Texas C411	334	LF	\$ 338.71	\$ 150.00	\$ 275.00	\$ 91,850.00	\$ 250.00	\$ 83,500.00	\$ 235.00	\$ 78,490.00	\$ 594.84	\$ 198,676.56
42	42" Vertical Face Traffic Railing Barrier	120	LF	\$ 191.75	\$ 120.00	\$ 250.00	\$ 30,000.00	\$ 250.00	\$ 30,000.00	\$ 117.00	\$ 14,040.00	\$ 150.00	\$ 18,000.00
43	Class IV Concrete - Closure Pours	34	CY	\$ 411.25	\$ 500.00	\$ 300.00	\$ 10,200.00	\$ 550.00	\$ 18,700.00	\$ 295.00	\$ 10,030.00	\$ 500.00	\$ 17,000.00
44	Reinforcing Steel - Closure Pours	2,132	LB	\$ 1.50	\$ 2.00	\$ 1.00	\$ 2,132.00	\$ 1.00	\$ 2,132.00	\$ 1.00	\$ 2,132.00	\$ 3.00	\$ 6,396.00
45	Class IV Concrete - Bascule Pier Deck And Sidewalk	76	CY	\$ 1,106.75	\$ 1,000.00	\$ 1,500.00	\$ 114,000.00	\$ 1,000.00	\$ 76,000.00	\$ 367.00	\$ 27,892.00	\$ 1,560.00	\$ 118,560.00
46	Class IV Concrete - Sidewalk	80	CY	\$ 712.00	\$ 500.00	\$ 1,100.00	\$ 88,000.00	\$ 900.00	\$ 72,000.00	\$ 398.00	\$ 31,840.00	\$ 450.00	\$ 36,000.00
47	Reinforcing Steel - Bascule Pier Deck And Sidewalk	22,764	LB	\$ 1.38	\$ 2.00	\$ 1.00	\$ 22,764.00	\$ 1.00	\$ 22,764.00	\$ 1.00	\$ 22,764.00	\$ 2.50	\$ 56,910.00
48	Reinforcing Steel - Sidewalk	16,244	LB	\$ 1.38	\$ 2.00	\$ 1.00	\$ 16,244.00	\$ 1.00	\$ 16,244.00	\$ 1.00	\$ 16,244.00	\$ 2.50	\$ 40,610.00
Substructure													
49	CLASS IV CONCRETE - END BENT PILE CAPS	27	CY	\$ 1,088.50	\$ 1,000.00	\$ 800.00	\$ 21,600.00	\$ 1,000.00	\$ 27,000.00	\$ 880.00	\$ 23,760.00	\$ 1,674.00	\$ 45,198.00
50	REINFORCING STEEL - END BENT PILE CAPS	4,557	LB	\$ 1.38	\$ 2.00	\$ 1.00	\$ 4,557.00	\$ 1.00	\$ 4,557.00	\$ 1.00	\$ 4,557.00	\$ 2.50	\$ 11,392.50
51	CLASS IV CONCRETE - PIERS 2 AND 5 FOUNDATION	133	CY	\$ 729.75	\$ 1,200.00	\$ 800.00	\$ 106,400.00	\$ 750.00	\$ 99,750.00	\$ 576.00	\$ 76,608.00	\$ 793.00	\$ 105,469.00
52	CLASS IV CONCRETE - PIERS 2 AND 5 CAP	102	CY	\$ 879.50	\$ 1,000.00	\$ 1,000.00	\$ 102,000.00	\$ 1,100.00	\$ 112,200.00	\$ 625.00	\$ 63,750.00	\$ 793.00	\$ 80,886.00
53	REINFORCING STEEL - PIERS 2 AND 5	31,875	LB	\$ 1.25	\$ 2.00	\$ 1.00	\$ 31,875.00	\$ 1.00	\$ 31,875.00	\$ 1.00	\$ 31,875.00	\$ 2.00	\$ 63,750.00
54	CLASS IV CONCRETE - PIERS 3 AND 4 FOUNDATION	51	CY	\$ 976.75	\$ 1,200.00	\$ 800.00	\$ 40,800.00	\$ 1,200.00	\$ 61,200.00	\$ 636.00	\$ 32,436.00	\$ 1,271.00	\$ 64,821.00
55	CLASS IV CONCRETE - PIERS 3 AND 4 COLUMN AND CAP	30	CY	\$ 1,134.00	\$ 1,000.00	\$ 1,000.00	\$ 30,000.00	\$ 1,600.00	\$ 48,000.00	\$ 665.00	\$ 19,950.00	\$ 1,271.00	\$ 38,130.00
56	REINFORCING STEEL - PIERS 3 AND 4 FOUNDATION, COLUMN, AND CAP	13,807	LB	\$ 1.38	\$ 2.00	\$ 1.00	\$ 13,807.00	\$ 1.00	\$ 13,807.00	\$ 1.00	\$ 13,807.00	\$ 2.50	\$ 34,517.50
Auger Cast Piles													
57	1'6" X 66'0" END BENT PILES	832	LF	\$ 120.25	\$ 200.00	\$ 68.00	\$ 56,576.00	\$ 180.00	\$ 149,760.00	\$ 155.00	\$ 128,960.00	\$ 78.00	\$ 64,896.00
58	1'6" X 59'0" INTERMEDIATE BENT PILES	2,204	LF	\$ 138.50	\$ 300.00	\$ 74.00	\$ 163,096.00	\$ 220.00	\$ 484,880.00	\$ 182.00	\$ 401,128.00	\$ 78.00	\$ 171,912.00
59	1'6" X 67'0" TENDER HOUSE PILES	422	LF	\$ 211.50	\$ 300.00	\$ 90.00	\$ 37,980.00	\$ 330.00	\$ 139,260.00	\$ 194.00	\$ 81,868.00	\$ 232.00	\$ 97,904.00
60	AUGER CAST PILE LOAD TESTING	7	EA	\$ 32,804.39	\$ 10,000.00	\$ 44,000.00	\$ 308,000.00	\$ 37,000.00	\$ 259,000.00	\$ 40,789.00	\$ 285,523.00	\$ 9,428.57	\$ 65,999.99
61	ROCK RUBBLE RIP RAP	770	TN	\$ 152.05	\$ 80.00	\$ 65.00	\$ 50,050.00	\$ 100.00	\$ 77,000.00	\$ 140.00	\$ 107,800.00	\$ 303.19	\$ 233,456.30
62	BEDDING STONE	424	TN	\$ 139.70	\$ 70.00	\$ 60.00	\$ 25,440.00	\$ 100.00	\$ 42,400.00	\$ 113.00	\$ 47,912.00	\$ 285.79	\$ 121,174.96
Approach Slabs													
63	CLASS II (BRIDGE DECK) CONCRETE - APPROACH SLAB	94	CY	\$ 313.00	\$ 500.00	\$ 350.00	\$ 32,900.00	\$ 300.00	\$ 28,200.00	\$ 152.00	\$ 14,288.00	\$ 450.00	\$ 42,300.00
64	REINFORCING STEEL - APPROACH SLAB	18,620	LB	\$ 1.25	\$ 2.00	\$ 1.00	\$ 18,620.00	\$ 1.00	\$ 18,620.00	\$ 1.00	\$ 18,620.00	\$ 2.00	\$ 37,240.00
65	CLASS II CONCRETE - APPROACH SLAB SIDEWALK	40	CY	\$ 311.50	\$ 500.00	\$ 400.00	\$ 16,000.00	\$ 300.00	\$ 12,000.00	\$ 156.00	\$ 6,240.00	\$ 390.00	\$ 15,600.00
66	REINFORCING STEEL - APPROACH SLAB SIDEWALK	2,338	LB	\$ 1.38	\$ 2.00	\$ 1.00	\$ 2,338.00	\$ 1.00	\$ 2,338.00	\$ 1.00	\$ 2,338.00	\$ 2.50	\$ 5,845.00

CAMINO REAL/BOCA CLUB BRIDGE OVER INTRACOASTAL WATERWAY				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Kiewit Infrastructure South Co.		GLF Construction Corporation		Cone and Graham, Inc.		M&J Construction Co. of Pinellas County, Inc.	
PALM BEACH COUNTY PROJECT NO. 2003501													
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
	<i>Bridge and Fender Repair</i>												
67	STRUCTURAL STEEL REPAIR - MACHINERY ROOM	1	LS	\$ 101,291.64	\$ 10,000.00	\$ 94,000.00	\$ 94,000.00	\$ 120,000.00	\$ 120,000.00	\$ 95,666.00	\$ 95,666.00	\$ 95,500.57	\$ 95,500.57
68	CONCRETE RESTORATION	1	LS	\$ 76,085.50	\$ 22,500.00	\$ 22,000.00	\$ 22,000.00	\$ 60,000.00	\$ 60,000.00	\$ 22,342.00	\$ 22,342.00	\$ 200,000.00	\$ 200,000.00
69	CLEAN AND COAT CONCRETE SURFACES ON EXISTING PIERS, CLASS V	1,723	SF	\$ 5.13	\$ 5.00	\$ 3.50	\$ 6,030.50	\$ 6.00	\$ 10,338.00	\$ 8.00	\$ 13,784.00	\$ 3.00	\$ 5,169.00
70	STANDARD INTEGRAL PILE JACKET, STR 14	354	LF	\$ 425.68	\$ 60.00	\$ 480.00	\$ 169,920.00	\$ 250.00	\$ 88,500.00	\$ 430.00	\$ 152,220.00	\$ 542.71	\$ 192,119.34
	<i>Fenders</i>												
71	FENDER SYSTEM, PLASTIC MARINE LUMBER	13	MB	\$ 20,575.50	\$ 14,000.00	\$ 21,000.00	\$ 273,000.00	\$ 12,000.00	\$ 156,000.00	\$ 25,240.00	\$ 328,120.00	\$ 24,062.00	\$ 312,806.00
72	FENDER SYSTEM, POLYMERIC PILES	1	LS	\$ 189,705.75	\$ 413,900.00	\$ 180,000.00	\$ 180,000.00	\$ 180,000.00	\$ 180,000.00	\$ 137,783.00	\$ 137,783.00	\$ 261,040.00	\$ 261,040.00
73	LIGHTED CLEARANCE GAUGES	2	EA	\$ 9,680.00	\$ 3,500.00	\$ 5,000.00	\$ 10,000.00	\$ 7,000.00	\$ 14,000.00	\$ 6,570.00	\$ 13,140.00	\$ 20,150.00	\$ 40,300.00
74	NAVIGATION LIGHTING	1	LS	\$ 54,999.75	\$ 10,800.00	\$ 55,000.00	\$ 55,000.00	\$ 45,000.00	\$ 45,000.00	\$ 52,399.00	\$ 52,399.00	\$ 67,600.00	\$ 67,600.00
	<i>Miscellaneous</i>												
75	ACCESS PLATFORM ASSEMBLY	1	AS	\$ 9,316.00	\$ 5,000.00	\$ 12,000.00	\$ 12,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,764.00	\$ 5,764.00	\$ 12,000.00	\$ 12,000.00
76	ACCESS HATCH, EQUIPMENT	2	EA	\$ 4,895.00	\$ 2,500.00	\$ 5,500.00	\$ 11,000.00	\$ 4,500.00	\$ 9,000.00	\$ 4,580.00	\$ 9,160.00	\$ 5,000.00	\$ 10,000.00
77	CLASS IV CONCRETE - RETAINING WALLS	26	CY	\$ 837.75	\$ 1,000.00	\$ 1,200.00	\$ 31,200.00	\$ 1,000.00	\$ 26,000.00	\$ 601.00	\$ 15,626.00	\$ 550.00	\$ 14,300.00
78	REINFORCING STEEL - RETAINING WALLS	6,193	LBS	\$ 1.50	\$ 2.00	\$ 1.00	\$ 6,193.00	\$ 1.00	\$ 6,193.00	\$ 1.00	\$ 6,193.00	\$ 3.00	\$ 18,579.00
79	STRUCTURAL STEEL, MISCELLANEOUS	11,080	LB	\$ 9.64	\$ 10.00	\$ 9.00	\$ 99,720.00	\$ 10.00	\$ 110,800.00	\$ 10.00	\$ 110,800.00	\$ 9.57	\$ 106,035.60
80	RIVET OR HIGH STRENGTH BOLTS - REPLACE	404	EA	\$ 103.75	\$ 175.00	\$ 70.00	\$ 28,280.00	\$ 110.00	\$ 44,440.00	\$ 115.00	\$ 46,460.00	\$ 120.00	\$ 48,480.00
	<i>Bascule Bridge</i>												
81	CLASS IV CONCRETE (COUNTERWEIGHT RESURFACE)	3	CY	\$ 2,986.25	\$ 1,000.00	\$ 4,000.00	\$ 12,000.00	\$ 2,000.00	\$ 6,000.00	\$ 2,903.00	\$ 8,709.00	\$ 3,042.00	\$ 9,126.00
82	STRUCTURAL STEEL, (REHAB) BASCULE LEAF	67,434	LB	\$ 10.47	\$ 15.00	\$ 9.00	\$ 606,906.00	\$ 12.50	\$ 842,925.00	\$ 10.00	\$ 674,340.00	\$ 10.36	\$ 698,616.24
83	METAL TRAFFIC RAILINGS, ALUMINUM POST AND RAIL	180	LF	\$ 539.36	\$ 135.00	\$ 190.00	\$ 34,200.00	\$ 600.00	\$ 108,000.00	\$ 668.00	\$ 120,240.00	\$ 699.42	\$ 125,895.60
84	MOVABLE BRIDGE MACHINERY - REHAB, SPAN LOCKS, FURNISH AND INSTALL	2	AS	\$ 202,331.05	\$ 150,000.00	\$ 180,000.00	\$ 360,000.00	\$ 210,000.00	\$ 420,000.00	\$ 255,634.00	\$ 511,268.00	\$ 163,690.19	\$ 327,380.38
85	MOVABLE BRIDGE MACHINERY - REHAB, LIVE LOAD SHOES, FURNISH AND INSTALL	1	LS	\$ 34,137.20	\$ 20,000.00	\$ 16,000.00	\$ 16,000.00	\$ 16,000.00	\$ 16,000.00	\$ 15,708.00	\$ 15,708.00	\$ 88,840.78	\$ 88,840.78
86	MOVABLE BRIDGE MACHINERY - REHAB, SPEED REDUCER AND DRIVE TRAIN, RECONDITION	1	LS	\$ 72,650.55	\$ 50,000.00	\$ 190,000.00	\$ 190,000.00	\$ 35,000.00	\$ 35,000.00	\$ 37,005.00	\$ 37,005.00	\$ 28,597.18	\$ 28,597.18
87	MOVABLE BRIDGE COUNTERWEIGHT, F&I, BALANCE BLOCKS	352	EA	\$ 125.64	\$ 100.00	\$ 110.00	\$ 38,720.00	\$ 130.00	\$ 45,760.00	\$ 145.00	\$ 51,040.00	\$ 117.55	\$ 41,377.60
88	MOVABLE BRIDGE COUNTERWEIGHT, F&I, STEEL BALLAST	27	TN	\$ 8,720.05	\$ 1,500.00	\$ 4,200.00	\$ 113,400.00	\$ 10,000.00	\$ 270,000.00	\$ 10,830.00	\$ 292,410.00	\$ 9,850.18	\$ 265,954.86
89	MOVABLE BRIDGE COUNTERWEIGHT, ADJUST	2	EA	\$ 33,493.46	\$ 20,000.00	\$ 21,000.00	\$ 42,000.00	\$ 34,000.00	\$ 68,000.00	\$ 38,891.00	\$ 77,782.00	\$ 40,082.83	\$ 80,165.66
90	MOVABLE BRIDGE - PREVENTIVE MAINTENANCE	1	LS	\$ 143,496.00	\$ 40,000.00	\$ 60,000.00	\$ 60,000.00	\$ 20,000.00	\$ 20,000.00	\$ 198,984.00	\$ 198,984.00	\$ 295,000.00	\$ 295,000.00
91	MOVABLE BRIDGE - FUNCTIONAL CHECKOUT	1	LS	\$ 32,990.25	\$ 30,000.00	\$ 37,000.00	\$ 37,000.00	\$ 50,000.00	\$ 50,000.00	\$ 25,461.00	\$ 25,461.00	\$ 19,500.00	\$ 19,500.00
92	STEEL ROADWAY FLOOR (5" OPEN)	2,080	SF	\$ 124.89	\$ 150.00	\$ 110.00	\$ 228,800.00	\$ 110.00	\$ 228,800.00	\$ 136.00	\$ 282,880.00	\$ 143.57	\$ 298,625.60
93	ALUMINUM SIDEWALK FLOOR	1,165	SF	\$ 129.17	\$ 100.00	\$ 130.00	\$ 151,450.00	\$ 110.00	\$ 128,150.00	\$ 148.00	\$ 172,420.00	\$ 128.67	\$ 149,900.55
94	MOVABLE BRIDGE GATE, F&I	4	AS	\$ 39,641.75	\$ 30,000.00	\$ 45,000.00	\$ 180,000.00	\$ 30,000.00	\$ 120,000.00	\$ 32,542.00	\$ 130,168.00	\$ 51,025.00	\$ 204,100.00
95	MOVABLE BRIDGE GATE, REMOVE & DISPOSE	4	AS	\$ 1,313.13	\$ 2,500.00	\$ 2,000.00	\$ 8,000.00	\$ 1,250.00	\$ 5,000.00	\$ 540.00	\$ 2,160.00	\$ 1,462.50	\$ 5,850.00
96	MOVABLE BRIDGE ELECTRICAL EQUIPMENT, REHABILITATION	1	LS	\$ 501,796.75	\$ 520,000.00	\$ 446,000.00	\$ 446,000.00	\$ 650,000.00	\$ 650,000.00	\$ 627,787.00	\$ 627,787.00	\$ 283,400.00	\$ 283,400.00
97	MOVABLE BRIDGE EMERGENCY GENERATOR, F&I	1	AS	\$ 10,967.25	\$ 5,000.00	\$ 31,000.00	\$ 31,000.00	\$ 8,000.00	\$ 8,000.00	\$ 519.00	\$ 519.00	\$ 4,350.00	\$ 4,350.00
98	MOVABLE BRIDGE - REHAB, PROGRAMMABLE LOGIC CONTROLLER F&I	1	EA	\$ 107,984.50	\$ 50,000.00	\$ 135,000.00	\$ 135,000.00	\$ 70,000.00	\$ 70,000.00	\$ 116,438.00	\$ 116,438.00	\$ 110,500.00	\$ 110,500.00
99	MOVABLE BRIDGE - REHAB, LIMIT SWITCHES & TRANSDUCERS F&I	1	LS	\$ 39,532.25	\$ 30,324.04	\$ 33,000.00	\$ 33,000.00	\$ 12,000.00	\$ 12,000.00	\$ 54,629.00	\$ 54,629.00	\$ 58,500.00	\$ 58,500.00
100	MOVABLE BRIDGE - REHAB, CONTROL CONSOLE, F&I	1	EA	\$ 89,709.00	\$ 100,000.00	\$ 145,000.00	\$ 145,000.00	\$ 60,000.00	\$ 60,000.00	\$ 75,836.00	\$ 75,836.00	\$ 78,000.00	\$ 78,000.00
101	MOVABLE BRIDGE - REHAB, BRAKE SYSTEM, F&I	4	EA	\$ 16,091.00	\$ 20,374.30	\$ 16,000.00	\$ 64,000.00	\$ 15,000.00	\$ 60,000.00	\$ 15,814.00	\$ 63,256.00	\$ 17,550.00	\$ 70,200.00
102	MOVABLE BRIDGE - REHAB, CONTROL PANEL - MOTOR CONTROLLER, F&I	1	EA	\$ 98,469.00	\$ 139,765.10	\$ 110,000.00	\$ 110,000.00	\$ 63,000.00	\$ 63,000.00	\$ 106,476.00	\$ 106,476.00	\$ 114,400.00	\$ 114,400.00
103	MOVABLE BRIDGE INTEGRATED DRIVE SYS, F&I, 25KW OR LESS	2	AS	\$ 65,018.25	\$ 100,000.00	\$ 55,000.00	\$ 110,000.00	\$ 46,000.00	\$ 92,000.00	\$ 51,173.00	\$ 102,346.00	\$ 107,900.00	\$ 215,800.00
104	MOVABLE BRIDGE CONTROL HOUSE, NEW	1	LS	\$ 527,902.75	\$ 727,000.00	\$ 600,000.00	\$ 600,000.00	\$ 400,000.00	\$ 400,000.00	\$ 536,311.00	\$ 536,311.00	\$ 575,300.00	\$ 575,300.00
105	COATING EXISTING STRUCTURAL STEEL	1	LS	\$ 413,000.00	\$ 600,000.00	\$ 500,000.00	\$ 500,000.00	\$ 350,000.00	\$ 350,000.00	\$ 352,000.00	\$ 352,000.00	\$ 450,000.00	\$ 450,000.00
106	Field Office (see SP's)	555	DYS	\$ 118.50	\$ 100.00	\$ 25.00	\$ 13,875.00	\$ 100.00	\$ 55,500.00	\$ 149.00	\$ 82,695.00	\$ 200.00	\$ 111,000.00
SUBTOTAL (BRIDGE)							\$ 7,508,827.50		\$ 8,277,461.00		\$ 8,358,084.00		\$ 9,283,814.45

CAMINO REAL/BOCA CLUB BRIDGE OVER INTRACOASTAL WATERWAY				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	Kiewit Infrastructure South Co.		GLF Construction Corporation		Cone and Graham, Inc.		M&J Construction Co. of Pinellas County, Inc.	
PALM BEACH COUNTY PROJECT NO. 2003501													
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
UTILITY ITEMS													
107	Subaqueous Coordination/Location, Comcast	1	LS	\$ 9,456.25	\$ 3,500.00	\$ 100.00	\$ 100.00	\$ 2,000.00	\$ 2,000.00	\$ 5,725.00	\$ 5,725.00	\$ 30,000.00	\$ 30,000.00
SUBTOTAL (UTILITY)							\$ 100.00		\$ 2,000.00		\$ 5,725.00		\$ 30,000.00
CONTINGENCY ITEMS													
108	Class I Concrete (Miscellaneous)	10	CY	\$ 470.00	\$ 600.00	\$ 700.00	\$ 7,000.00	\$ 180.00	\$ 1,800.00	\$ 800.00	\$ 8,000.00	\$ 200.00	\$ 2,000.00
109	Flowable Fill	10	CY	\$ 257.50	\$ 170.00	\$ 300.00	\$ 3,000.00	\$ 250.00	\$ 2,500.00	\$ 300.00	\$ 3,000.00	\$ 180.00	\$ 1,800.00
110	Changeable (Variable Message) Sign (Non MOT)	75	ED	\$ 20.69	\$ 50.00	\$ 16.00	\$ 1,200.00	\$ 23.00	\$ 1,725.00	\$ 25.00	\$ 1,875.00	\$ 18.75	\$ 1,406.25
111	Traffic Control Officer (Non MOT)	60	HR	\$ 55.00	\$ 60.00	\$ 50.00	\$ 3,000.00	\$ 60.00	\$ 3,600.00	\$ 50.00	\$ 3,000.00	\$ 60.00	\$ 3,600.00
SUBTOTAL (CONTINGENCY)							\$ 14,200.00		\$ 9,625.00		\$ 15,875.00		\$ 8,806.25
TOTAL BID AMOUNT						\$ 8,891,974.50		\$ 9,671,764.00		\$ 9,707,695.00		\$ 11,151,719.22	

CAMINO REAL/BOCA CLUB BRIDGE OVER INTRACOASTAL WATERWAY
PALM BEACH COUNTY PROJECT NO. 2003501

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.
3	Permitting agency pre-construction meetings and notices of commencement; compliance with stormwater pollution prevention plan and stormwater pollution control plan; installation of erosion/turbidity controls including silt fences, inlet protection, inspections and reporting; preparation and submittal of construction completion certifications and required record drawings by a professional engineer and/or land surveyor; utility notifications are considered incidental to mobilization.
4	12" compacted subgrade is considered incidental to the cost of base-rock construction.
5	Prime and tack coats are considered incidental to asphalt construction.
6	Wrapping of filter fabric around all pipe joints per FDOT index no. 280; and cost of coring existing structures for pipe connection is considered incidental to the cost of the pipe.
7	The cost of detectable warning surfaces per FDOT index 304 and base compaction is considered incidental to sidewalk/pathway construction.
8	The costs of transition curbs, flared end sections, straight end sections, curb face engraving and subgrade is considered incidental to curb and/or gutter construction.
9	Contingency items may be increased, decreased or deleted as directed by the engineer.
10	All structure boxes are 10 feet or less in depth, unless otherwise noted.

Working days to complete project: 485 calendar days (See Special Provisions)
Bids as read at opening on Tuesday, May 16, 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