

# MANATEE COUNTY GOVERNMENT

## INTENT TO AWARD

<b>SUBJECT</b>	Scour Remediation Project for Snead Island Bridge	<b>DATE POSTED</b>	MC 10/3/14 ✓ SE DS 10/3/14 ✓ SE CC 10/3/14 ✓ SE
<b>PURCHASING REPRESENTATIVE</b>	Deborah Carey-Reed, 941/749-3074	<b>DATE CONTRACT SHALL BE AWARDED</b>	Seven days after the date Posted
<b>DEPARTMENT</b>	Public Works/Project Management Div. Michael Sturm, Project Manager	<b>CONSEQUENCES IF DEFERRED</b>	Delay in project <i>Dennis W. Wallace</i>
<b>SOLICITATION</b>	IFB #14-2565DS	<b>AUTHORIZED BY DATE</b>	Dennis Wallace October 2014

### NOTICE OF INTENT TO AWARD

Notice of Intent to Award, Invitation for Bid #14-2565DC, Scour Remediation Project for Snead Island Bridge, to the lowest, responsive and responsible bidder, Ferreira Construction Southern Division Co., Inc., Stuart, Florida, for a total bid of \$209,288.70 (Bid "A", based on 90 calendar days completion and Option A for Articulating Block Mat).

### ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.

Manatee County Code of Laws

### BACKGROUND/DISCUSSION

- The project provides for the construction of scour countermeasures for the removal of sediment such as sand and rocks from around the bridge abutments at the 10<sup>th</sup> Street West Bridge over Snead Island Cutoff (Bridge No. 130007) located in Palmetto.
- Formal competitive sealed bid procedures were followed resulting in a total of four (4) bidders submitting a sealed bid for consideration:

	<u>Bid "A" (90 days)</u>	<u>Bid "B" (150 days)</u>
Ferreira Construction So Div Co, Inc., Stuart FL	\$209,288.70	\$269,886.98
PAC Comm, Inc., Miami FL	\$323,620.29	No Bid
Speeler & Assoc, Inc., Largo FL	No Bid	\$534,116.00
Tampa Bay Marine, Gibsonton FL	\$271,391.76	\$259,733.65

- September 23, 2014 dated memorandum from the Public Works Department concurred with the County's professional consultant, Cardno TBE, recommendation to award the project to Ferreira Construction Southern Division Co., Inc.

<b>ATTACHMENTS</b> (List in order of attached)	<ul style="list-style-type: none"> <li>PW Recommendation</li> <li>Cardno TBE Recommendation</li> <li>Tabulation</li> </ul>	<b>FUNDING SOURCE</b> (Acct Number & Name)	Bridge Snead Island Rehab 3196027261/534000 Gas Tax  Budget Amendment #BA-14-081/2 is scheduled for BOCC approval on 10/07/2014.  <input type="checkbox"/> Funds Verified <input type="checkbox"/> Insufficient Funds
<b>COST</b>	\$209,288.70	<b>AMT/FREQ OF RECURRING COSTS</b> (Attach Fiscal Impact Statement)	N/A

# MEMORANDUM

To: Melissa M. Wendel, CPPO, Purchasing Official  
From: Jeff Streitmatter III, P. E., Project Management  
Division Manager



Date: September 23, 2014  
Subject: Scour Remediation Project  
10<sup>th</sup> Street W. Bridge Over Snead Island Cutoff  
Ferreira Construction Southern Division, Co. Inc.  
Recommendation for Award - IFB# 14-2565-DS

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The bids for the above referenced project have been reviewed by staff. The bid tabulation form is attached for your review. It is recommended that the contract Bid "A", with a construction time of 90 Days be awarded to the lowest responsive, responsible bidder, Ferreira Construction Southern Division, Co. Inc., in the amount of \$209,288.70 (Option A, Articulating Block Mat) and in accordance with the terms and conditions of the bid package. Upon completion of project award, please provide a copy of the purchase order assigned to the contractor. The funding source for this contract is Gas Taxes.

The amount currently encumbered is less than the proposed contract amount, and a budget amendment will be prepared to fully fund the project prior to the contract award.

Please contact Michael L. Sturm, P.E., Project Manager, if you have any questions regarding the attached documents.

Thank you for your continued assistance.

JS/mls

cc: Ron Schulhofer, Director, Public Works  
Sia Mollanazar, P.E., Deputy Director, Engineering Services  
Michael L. Sturm, P.E. Project Manager  
Project File: Project # 6027261 9.2

Public Works Department  
Project Management Division  
1622 25th Avenue East, Bradenton, FL 34203-7926  
Phone number: (941) 703-7430

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LARRY BUSTLE	MICHAEL CALLEN	JOHN R. CHAPPIE	ROBIN DISABATINO	VANESSA BALGH	CAROL WHITMORE	BETSY BENAC
District 1	District 2	District 3	District 4	District 5	District 6	District 7

\\fl08rsys\public\14-2565\9.23-2014\Recommendation for Award IFB Pending, Required Memo - Signed by: JMS and mlb\mlb.docx



September 16, 2014

Michael L. Sturm, PE  
Project Manager  
Manatee County Government  
1022 26<sup>th</sup> Ave. E.  
Bradenton, Florida 34208

Subject: IFB # 14-2565\_DS  
Scour Remediation Project  
10<sup>th</sup> St. W Bridge over Snead Island Cutoff  
Tabulation of Bids Received on September 8, 2014



Cardno TBE  
22 Sarasota Center Blvd.  
Sarasota, FL 34240  
USA  
Phone 941 377 9084  
Fax 941 377 1587  
Email tbe@CardnoTBE.com  
www.CardnoTBE.com

Dear Mr. Sturm:

On September 8, 2014, Manatee County received bids on the subject project. Four bidders submitted for the project construction, which included two options for scour countermeasure type option and options for 90 and 150 day schedule durations. The options for schedule duration did not influence bid values, therefore the bids summarized below are based on a 90 day schedule. Bidders and their associated bids were as follows:

Option A- Articulating Block Mat

<u>Bidder</u>	<u>Option A –Articulate Block Mat</u>	<u>Option B- Articulate Concrete Block</u>
▪ PAC COMM.	\$323,620.29	No Bid
▪ Tampa Bay Marine	\$271,391.76	\$259,733.65
▪ Ferreira Construction	\$209,288.70	\$269,886.98
▪ Speeler & Associates	No Bid	\$534,116.00

The low bid for Option A- Articulating Block Mat was from Ferreira Construction with a bid of \$209,288.70, and for low bid for Option B- Articulating Concrete Block was from Tampa Bay Marine with a bid of \$259,733.65. The Engineer's Opinion of Probable Cost for both options was \$221,995.00 which is 6.1% higher than the apparent low bid for Option A and 14.5% lower than the apparent low bid for Option B. We note that Ferreira provided the second lowest bid for Option B of \$269,889.98.

Underwater construction work can be difficult to estimate. In consideration of this, the bid values provided by the two lowest bidders are considered acceptable.

Ferreira Construction listed three projects as references. One of these was for a completion within the last 5 years of a bridge scour countermeasure installation project with a minimum value of \$200,000 as required by Addendum #1 of the IFB. The second project reference was for scour protection in an environmentally sensitive area that did not involve bridges. The third project reference was for a seawall installation and no contract value was provided for that project. Project representatives contacted were pleased with the performance of Ferreira Construction.

Tampa Bay Marine listed fifteen projects as references. None of these were for a bridge scour countermeasure installation project as required by Addendum #1 of the IFB. Otherwise, the breadth of work and contract values cited indicates a contractor capable of successfully completing this type of work. Cardno is also familiar Tampa Bay Marine and has reviewed many of the listed project references previously. The experience of Cardno and other project managers that have worked with this contractor has been positive.

Australia • Belgium • Indonesia • Kenya • New Zealand • Papua New Guinea  
United Arab Emirates • United Kingdom • United States • Operations in 60 countries

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Bids from PAC COMM and Speeler & Associates were considerably higher. Accordingly, their project references were not investigated.

It is noted that Scour Countermeasure Option A-Articulating Block Mat requires greater care with regards to anchoring and toe-in than Option B – Articulating Concrete Block. Accordingly, Option B is considered to be a superior product if the cost difference is acceptable.

We recommend award of the work to Ferreira Construction regardless of scour countermeasure option selected by the County. This recommendation is based on Ferreira Construction meeting the minimum qualification of bidders, having the lowest overall bid for Option A, and having the lowest bid for Option B of qualified bidders.

Enclosed are bid tabulation summary sheets. Please let us know if you have any questions.

Regards,  
CARDNO TBE

A handwritten signature in black ink, appearing to read "Jim Bernard", with a stylized flourish at the end.

Jim Bernard, PE  
Project Manager

Enclosure

cc: Frank Haunstetter, PE - Cardno

**Option A, Articulating Block Mat**

				Engineers Estimate		PAC COMM Inc.		Tampa Bay Marine		Ferreira Constuction		Speeler & Assoc.	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
101-1	Mobilization	LS	1	25695	\$25,695.00	48793	\$48,793.00	20000	\$20,000.00	42766.9	\$42,766.89	na	na
104-11	Turbidity Barrier	LF	672	12.65	\$8,500.00	49.51	\$33,270.72	10	\$6,720.00	32.97	\$22,155.84	na	na
570-78-B	Scour Countermeasure	SY	814	200	\$162,800.00	260.61	\$212,136.54	270.27	\$219,999.78	153.98	\$125,339.72	na	na
	Contingecny	LS	1	25000	\$25,000.00	29420	\$29,420.03	24672	\$24,671.98	19026.3	\$19,026.25	na	na
Total					\$221,995.00	Total	\$323,620.29	Total	\$271,391.76	Total	\$209,288.70	Total	na

**Option B, Articulating Concrete Block**

				Engineers Estimate		PAC COMM Inc.		Tampa Bay Marine		Ferreira Constuction		Speeler & Assoc.	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
101-1	Mobilization	LS	1	25695	\$25,695.00	na	na	20000	\$20,000.00	89976.7	\$89,976.67	100000	\$100,000.0
104-11	Turbidity Barrier	LF	672	12.65	\$8,500.00	na	na	10	\$6,720.00	38.81	\$26,080.32	65	\$43,680.0
570-78-B	Scour Countermeasure	SY	814	200	\$162,800.00	na	na	257.25	\$209,401.50	158.85	\$129,303.90	420	\$341,880.0
	Contingecny	LS	1	25000	\$25,000.00	na	na	23612.2	\$23,612.15	24526.1	\$24,526.09	48556	\$48,556.0
Total					\$221,995.00	Total	na	Total	\$269,733.65	Total	\$269,886.98	Total	\$534,116.0



# MEMORANDUM

To: Melissa M. Wendel, CPPO, Purchasing Official  
From: Jeff Streitmatter III, P. E., Project Management  
Division Manager



Date: September 23, 2014  
Subject: Scour Remediation Project  
10<sup>th</sup> Street W. Bridge Over Snead Island Cutoff  
Ferreira Construction Southern Division, Co. Inc.  
Recommendation for Award - IFB# 14-2565-DS

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The bids for the above referenced project have been reviewed by staff. The bid tabulation form is attached for your review. It is recommended that the contract Bid "A", with a construction time of 90 Days be awarded to the lowest responsive, responsible bidder, Ferreira Construction Southern Division, Co. Inc., in the amount of \$209,288.70 (Option A, Articulating Block Mat) and in accordance with the terms and conditions of the bid package. Upon completion of project award, please provide a copy of the purchase order assigned to the contractor. The funding source for this contract is Gas Taxes.

The amount currently encumbered is less than the proposed contract amount, and a budget amendment will be prepared to fully fund the project prior to the contract award.

Please contact Michael L. Sturm, P.E., Project Manager, if you have any questions regarding the attached documents.

Thank you for your continued assistance.

JS/mls

cc: Ron Schulhofer, Director, Public Works  
Sia Mollanazar, P.E., Deputy Director, Engineering Services  
Michael L. Sturm, P.E. Project Manager  
Project File: Project # 6027261 9.2

Public Works Department  
Project Management Division  
1622 E. 9<sup>th</sup> Avenue East, Bradenton, FL 34203-2426  
Phone numbers: 941-703-7450

---

LARRY BUSTLE \* MICHAEL CALLEN \* JOHN R. CHAPPIE \* ROBIN DISABATINO \* VANESSA BAUGH \* CAROL WHITMORE \* BETSY BENAI  
District 1 District 2 District 3 District 4 District 5 District 6 District 7

4/23/15 (s/jeff.streitmatter) District 14 - Recommendation to award BB Bidding Required Memo - based on and based on the above

September 16, 2014

Michael L. Sturm, PE  
Project Manager  
Manatee County Government  
1022 26<sup>th</sup> Ave. E.  
Bradenton, Florida 34208

Subject: IFB # 14-2565\_DS  
Scour Remediation Project  
10<sup>th</sup> St. W Bridge over Snead Island Cutoff  
Tabulation of Bids Received on September 8, 2014



Shaping the Future

Cardno TBE  
22 Sarasota Center Blvd.  
Sarasota, FL 34240  
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Phone 941 377 9084  
Fax 941 377 1587  
Email tbe@CardnoTBE.com  
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Dear Mr. Sturm:

On September 8, 2014, Manatee County received bids on the subject project. Four bidders submitted for the project construction, which included two options for scour countermeasure type option and options for 90 and 150 day schedule durations. The options for schedule duration did not influence bid values, therefore the bids summarized below are based on a 90 day schedule. Bidders and their associated bids were as follows:

Option A- Articulating Block Mat

<u>Bidder</u>	<u>Option A – Articulate Block Mat</u>	<u>Option B- Articulate Concrete Block</u>
▪ PAC COMM.	\$323,620.29	No Bid
▪ Tampa Bay Marine	\$271,391.76	\$259,733.65
▪ Ferreira Construction	\$209,288.70	\$269,886.98
▪ Speeler & Associates	No Bid	\$534,116.00

The low bid for Option A- Articulating Block Mat was from Ferreira Construction with a bid of \$209,288.70, and for low bid for Option B- Articulating Concrete Block was from Tampa Bay Marine with a bid of \$259,733.65. The Engineer's Opinion of Probable Cost for both options was \$221,995.00 which is 6.1% higher than the apparent low bid for Option A and 14.5% lower than the apparent low bid for Option B. We note that Ferreira provided the second lowest bid for Option B of \$269,889.98.

Underwater construction work can be difficult to estimate. In consideration of this, the bid values provided by the two lowest bidders are considered acceptable.

Ferreira Construction listed three projects as references. One of these was for a completion within the last 5 years of a bridge scour countermeasure installation project with a minimum value of \$200,000 as required by Addendum #1 of the IFB. The second project reference was for scour protection in an environmentally sensitive area that did not involve bridges. The third project reference was for a seawall installation and no contract value was provided for that project. Project representatives contacted were pleased with the performance of Ferreira Construction.

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United Arab Emirates • United Kingdom • United States • Operations in 60 countries

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Bids from PAC COMM and Speeler & Associates were considerably higher. Accordingly, their project references were not investigated.

It is noted that Scour Countermeasure Option A-Articulating Block Mat requires greater care with regards to anchoring and toe-in than Option B – Articulating Concrete Block. Accordingly, Option B is considered to be a superior product if the cost difference is acceptable.

We recommend award of the work to Ferreira Construction regardless of scour countermeasure option selected by the County. This recommendation is based on Ferreira Construction meeting the minimum qualification of bidders, having the lowest overall bid for Option A, and having the lowest bid for Option B of qualified bidders.

Enclosed are bid tabulation summary sheets. Please let us know if you have any questions.

Regards,  
CARDNO TBE

A handwritten signature in black ink, appearing to read "Jim Bernard", with a stylized flourish at the end.

Jim Bernard, PE  
Project Manager

Enclosure

cc: Frank Haunstetter, PE - Cardno



**Option A, Articulating Block Mat**

				Engineers Estimate		PAC COMM Inc.		Tampa Bay Marine		Ferreira Constuction		Speeler & Assoc.	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
101-1	Mobilization	LS	1	25695	\$25,695.00	48793	\$48,793.00	20000	\$20,000.00	42766.9	\$42,766.89	na	na
104-11	Turbidity Barrier	LF	672	12.65	\$8,500.00	49.51	\$33,270.72	10	\$6,720.00	32.97	\$22,155.84	na	na
570-78-B	Scour Countermeasure	SY	814	200	\$162,800.00	260.61	\$212,136.54	270.27	\$219,999.78	153.98	\$125,339.72	na	na
	Contingecny	LS	1	25000	\$25,000.00	29420	\$29,420.03	24672	\$24,671.98	19026.3	\$19,026.25	na	na
Total					\$221,995.00	Total	\$323,620.29	Total	\$271,391.76	Total	\$209,288.70	Total	na

**Option B, Articulating Concrete Block**

				Engineers Estimate		PAC COMM Inc.		Tampa Bay Marine		Ferreira Constuction		Speeler & Assoc.	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
101-1	Mobilization	LS	1	25695	\$25,695.00	na	na	20000	\$20,000.00	89976.7	\$89,976.67	100000	\$100,000.0
104-11	Turbidity Barrier	LF	672	12.65	\$8,500.00	na	na	10	\$6,720.00	38.81	\$26,080.32	65	\$43,680.0
570-78-B	Scour Countermeasure	SY	814	200	\$162,800.00	na	na	257.25	\$209,401.50	158.85	\$129,303.90	420	\$341,880.0
	Contingecny	LS	1	25000	\$25,000.00	na	na	23612.2	\$23,612.15	24526.1	\$24,526.09	48556	\$48,556.0
Total					\$221,995.00	Total	na	Total	\$269,733.65	Total	\$269,886.98	Total	\$534,116.0