MANATEE COUNTY

October 20, 2011

All Interested Bidders:

SUBJECT: Invitation for Bid (IFB #11-2752-OV / Anna Maria Island, Longboat Pass Geotextile Tube Construction Project

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-2 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

Bidders Note: Additional questions shall not be accepted as the stated deadline of **October 14, 2011, close of business, has lapsed.** This deadline has been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

Attachments:

- Memorandum dated October 19, 2011 from Coastal Planning & Engineering, Inc. in reply to questions received via email on October 13, 2011. (3 Total Pages attached)

END OF ADDENDUM #2

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 until 2:00 P.M. on October 27, 2011.**

Sincerely,

R. C. "Rob" Cuthbert, C.P.M., CPPO
Purchasing Division Manager

Ov
Attachments (3 Total Pages)

Financial Management Department – Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
Phone: 941-749-3055 / Fax: 941-749-3034

MANATEE COUNTY
ANNA MARIA ISLAND, LONGBOAT PASS
GEOTEXTILE TUBE CONSTRUCTION PROJECT
IFB # 11-2752-OV

ADDENDUM NO. 2 **OCTOBER 19, 2011**

The following items represent clarifications, additions, deletions and/or modifications to the contract documents for the referenced geotextile tube construction project. This addendum shall hereafter be part of the Contract Documents for the Manatee County, Anna Maria Island, Longboat Pass Geotextile Tube (IFB # 11-2752-OV). Contract Document items not referenced herein remain unchanged. Receipt of this Addendum shall be acknowledged below and on the Bid Form for IFB # 11-2752-OV.

This addendum consists of:

- Revisions to Technical Provisions TP-16 and TP-17

These items replace original items previously issued or are to be added to the Bidding and Construction Documents, as indicated.

PERTAINING TO THE SPECIFICATIONS

1. **Comment:** Page TS-16, 1.0 General, Change "high tenacity PP multi-filament yarns" to read "high tenacity PP yarns".

   Response: Page TS-16, section 1.0, has been revised as follows to state high tenacity yarns:

   The material for use in the construction of the project shall be <u>woven polyester geotextile fabric for all tubes and</u> woven polypropylene geotextile fabric <u>for the scour apron</u>. All geotextile material proposed for use in the geotextile tube is subject to approval by the ENGINEER. All geotextile material used shall be composed of high-tenacity ~~polypropylene multifilament~~ yarns, which are woven into a stable network such that the yarns retain their relative position. Geotextile materials shall be inert to biological degradation and resistant to naturally encountered chemicals, alkalis, acids, and ultraviolet light. The color of the geotextile material shall be "white" or "sand." The CONTRACTOR may use temporary loops for securing the geotextile tubes during filling. The loops shall be removed after the tubes are filled.

2. **Comment:** Page TS-17, 2.5 Table of Physical Properties (for Tubes), Add a UV Resistance Requirement of 95% @ 500hrs (current specifications show no UV requirements).

   Response: Page TS-17, the table following paragraph 2.4 has been revised to include a UV resistance requirement of 65% @ 500 hours. The table indicates the minimum fabric specifications. Fabric utilized shall meet or exceed the values listed in the table.

Property	Test Method	Unit	Value	
Physical:				
Composition			Polyester	
Weight	ASTM D5261	oz/yd^2	20.0	
Mechanical:				
Wide Width Tensile Strength (at ultimate)	ASTM D4595	lbs/in	Warp	1000
			Fill	1000
Wide Width Tensile Elongation (at ultimate)	ASTM D4595	%	Warp	20
			Fill	20
Factory Seam Strength	ASTM D4884	lbs/in	500	
UV Resistance (% Retained after 500 hrs)	ASTM D4355	%	65	
Hydraulic:				
Flow Rate	ASTM D4491	gpm/ft^2	20	
Apparent Opening Size (AOS)	ASTM D4751	U.S. sieve no.	60	

3. **Comment:** Page TS-17, 2.5 Table of Physical Properties (for Tubes), Change Factory seam Strength to read 600ppi from the listed 500ppi (ASTM D-4884).

   Response: Page TS-17, the table following paragraph 2.4 has not been revised. The specification for the factory seam strength of 500ppi will remain as currently listed in the table. The table indicates the minimum fabric specifications. Fabric utilized shall meet or exceed the values listed in the table.

4. **Comment:** Page TS-17, 2.6 Table of Physical Properties (for Scour Apron), Change existing seam strength from 400ppi (ASTM D-4884) to 300ppi (it is impossible to get 400ppi seam using a 400ppi fabric). Add a UV Resistance Requirement of 95% @ 500hrs (current specifications show no UV requirements).

   Response: Page TS-17, the table following paragraph 2.6 has been revised as follows to specify a factory seam strength of 300 ppi. The table has also been revised to include a UV resistance requirement of 80% @ 500 hours. The table indicates the minimum fabric specifications. Fabric utilized shall meet or exceed the values listed in the table.

Property	Test Method	Unit	Value	
Physical:				
Composition			Polypropylene	
Weight	ASTM D5261	oz/yd2	20.0	
Mechanical:				
Wide Width Tensile Strength (at ultimate)	ASTM D4595	lbs/in	Warp	400
			Fill	400
Wide Width Tensile Elongation (at ultimate)	ASTM D4595	%	Warp	20
			Fill	20
Factory Seam Strength	ASTM D4884	lbs/in	300	
UV Resistance (% Retained after 500 hrs)	ASTM D4355	%	80	
Hydraulic:				
Flow Rate	ASTM D4491	gpm/ft2	20	
Apparent Opening Size (AOS)	ASTM D4751	U.S. sieve no.	40	