



Candy Mancuso, CPPO
Interim Director

AUGUST 11, 2014

TO: **ALL INTERESTED PROPOSERS**

REQUEST FOR PROPOSAL: **PROFESSIONAL ENGINEERING CONSULTING SERVICES:
BOCA CIEGA BAY FORCE MAIN SUBAQUEOUS CROSSING**

BID NUMBER: **134-0345-NC (RM)**

BID SUBMITTAL IS DUE: **AUGUST 19, 2014 @ 3:00 P.M.**

ADDENDUM NO. 2

REMOVE: Pages 19 and 20 of 25 (dated 07/18/2014)

REPLACE: Pages 19 and 20 of 25 (dated 08/11/2014)

Following is additional information, clarification, questions and responses relative to referenced Request for Qualifications Proposal (RFP):

Question 1:

Minority Business Status Points (Evaluation Criteria 3d): Are the points awarded based solely on the Prime's status as a minority business or on the amount of MBE participation on the team?

Answer to Question 1:

Points are awarded based on the firm's minority business status as designation by the State of Florida.

Question 2:

Evaluation of the existing 24" CI Force Main: Is the selected consultant to perform this work after the construction work has been completed, or will the evaluation be included in the construction documents with the consultant preparing specifications to do the work?

Answer to Question 2:

The requirement to evaluate the existing Force Main has been removed; pages 19 and 20 have been amended.

End of Questions and Answers.

Please remember to acknowledge receipt of this Addendum in Section G, Page 24 under Addendum No. 2 and return with completed bid package.

Sincerely,

A handwritten signature in blue ink that reads "Candy Mancuso".

Candy Mancuso, CPPO
Interim Director of Purchasing

SECTION E – SCOPE OF WORK

Proposal Title: Professional Engineering Consulting Services – Boca Ciega Bay Force Main Subaqueous Crossing

Proposal Number: 134-0345-NC(RM)

A. OBJECTIVE:

On behalf of the Department of Environment and Infrastructure (DEI) The Pinellas County Board of County Commissioners is seeking the services of a consulting engineering firm qualified to perform engineering assessment and design services and perform all other professional engineering services as may be required to construct a redundant subaqueous force main to Boca Ciega Bay in the vicinity of Redington Beach, Pinellas County, Florida. The overall objective of this proposal is to construct a 36-inch subaqueous pipeline crossing and placed into service allowing the existing FM to remain as a redundant back up. ~~The County would also like to determine the condition of the existing 24-inch force main (FM) after the newly constructed FM is in operation.~~

B. BACKGROUND:

Pinellas County (COUNTY) owns and operates a 24-inch sanitary sewer FM that crosses the Boca Ciega Bay in the vicinity of Long Bayou/Cross Bayou located east of Redington Beach. This FM extends from the KOA Campground (Baywood Park) on the west side of the crossing to 54th Avenue on the east side of the crossing (Otter Key Condominiums in Seminole). The FM is a 24-inch cast iron (CI) pipe that was constructed by means of direct bury method nearly 50 years ago. The total length of the FM is approximately 4,700 lineal feet (LF). The COUNTY has determined that the FM poses a significant risk in the event of failure.

C. SCOPE OF WORK:

The primary scope of engineering services includes Project Management, Preliminary Engineering Report (PER), 60% design, 90% design and final bid documents for constructing the new 36-inch subaqueous FM crossing described. ~~and evaluating the condition of the existing 24-inch FM after the wastewater flow has been diverted to the new 36-inch FM.~~

Task 1 – Project Management

The CONSULTANT will be responsible for general project administration, project coordination, preparation of miscellaneous correspondence, meeting agenda and minutes, maintain project documentation and coordinate services provided. Management shall include forecasting and tracking of budget and schedule, submitting monthly invoices along with updated schedule and project status report.

The primary objectives are to keep the project within scope, budget and on schedule. The CONSULTANTS responsibilities include but are not limited to:

- Maintaining project documentation;
- Providing regular progress updates to Pinellas County;
- Conducting an analysis of all the items identified within the scope of work and preparing a detailed design for the subaqueous crossing;
- Preparing a bid package, complete with specifications, for constructing a new subaqueous FM across Long Bayou and Cross Bayou;

Task 2 – Preliminary Engineering Report (PER)

The CONSULTANT will prepare a Preliminary Engineering Report (PER) for the project. The PER will include a discussion of at least two options for installing the new force main, creating redundancy in the existing system, the proposed alignments, methods of connecting to the existing upland force main on each side of Boca Ciega Bay, permitting requirements, real estate issues including temporary and permanent easements, and constructability issues.

Specifically, the CONSULTANT shall be responsible to perform the following:

- Review and evaluate available background information;
- Review other permitted and/or scheduled construction activities that may affect this project in any way (including but not limited to commercial/private construction along proposed alignment, FDOT and/or COUNTY planned roadway resurfacing construction).
- Identify and comment on any issues or opportunities arising from the review, and obtain Pinellas County concurrence on any issues related to design criteria or recommendations prior to beginning the design;
- Develop Preliminary Engineering Report (PER) documents with recommendations for design including a permitting plan;

SECTION E – SCOPE OF WORK

After COUNTY review of the draft PER and consensus on final alignment routing, the CONSULTANT shall provide surveying and soil borings, both landside and in the waterway, as well as subsurface utility investigations at the connection points. This information shall be integrated into the PER, finalizing the report which will become the basis for final design and preparation of construction plans and specifications.

The Survey shall include:

- Title research on all properties within the corridor of the proposed pipe alignment and all properties affected by temporary easements. This includes upland and submerged lands.
- Title search shall include getting a title opinion from the State.
- Surveyor shall map ownership deeds, easements, agreements, etc., within the corridor of the proposed pipe alignment and all properties affected by temporary easements.
- Surveyor shall prepare 8 ½ x 11 sketches and description for proposed easements.
- Surveyor shall prepare 8 ½ x 11 sketch exhibits on aerial for each proposed easement.

Deliverables:

- PER for COUNTY review and comment, digital format and up to five hard copies.
- Final PER, digital format and up to five hard copies.

Task 3 – Design Services – 60%, 90%, and Final Design

Based on the approved PER, the CONSULTANT shall prepare contract documents for the construction of the Project. Plan and profile drawings shall include the latest and appropriate COUNTY standard details, connection details, soil boring, survey information and required permits. Design shall include construction sequencing for making connections to the existing force main without taking the existing force main out of service. ~~Design shall also include plans, specifications and sequencing to determine the condition of the existing force main after the newly constructed force main is in operation.~~

Contract documents shall include plans and specifications complete and biddable for construction, meeting regulatory requirements. In accordance with applicable industry standard of care, each set of plans for the Project shall be accurate, legible, complete in design, suitable for bidding purposes and drawn to scales acceptable to the COUNTY. The completed plans shall be furnished on reproducible material and in format acceptable to the COUNTY. Construction plans shall be provided in electronic format using AutoCAD, using the most current COUNTY standards and formatting.

Specification will be prepared. COUNTY standard specifications will be used to the fullest extent possible. Any required sections not covered by COUNTY standard specifications will be prepared by the CONSULTANT.

A 60% design will be submitted to the COUNTY for review and comment. Based on comments received, plans and specifications will be revised and a 90% design will be submitted for review and comment. Based on comments received, plans and specifications will be revised and Final Design documents will be submitted for bid purposes.

Opinions of probable construction costs will be included with each submittal.

Deliverables:

- 60% and 90% Design Plans and Specifications for COUNTY review and comment, digital format and up to five (5) hard copies.
- Final Design documents, digital format and up to five (5) hard copies.

Task 4 – Permitting Assistance

The CONSULTANT shall prepare and make applications (including fees) , provide anticipated schedule for receiving permits, and provide any necessary responses to RAIs for the following permits (including, but not limited to):

- FDEP Construction Permit
- FDEP ERP Permit
- FDEP Noticed General Permit
- FDEP Crossing Authority