

MEMORANDUM

DATE: March 6, 2012

TO: City Council

THROUGH: City Manager Judie Zimomra

FROM: Public Works Director Gates Castle *BAC*

RE: Reject Storage Tank Inspection and Repair

RECOMMENDATION: Award reject storage tank inspection and repair to Crom Engineering and Construction Services, Inc. (CECS) as sole source provider in the amount of \$50,000.

In 2001, a 1.8 million gallon prestressed concrete reject water storage tank was constructed by Crom Corporation at the City's Donax Water Reclamation Facility. Crom Corporation, the premier prestressed concrete tank contractor in the country, repaired the 1.5 million gallon reuse storage tank last year and made an initial inspection of the reject tank, finding hollows between layers of shotcrete in the tank walls. Crom proposes to:

1. Systematically sound the interior covercoat and map the hollow areas.
2. Pressure inject the appropriate adhesive into the hollow areas until rejection or until the resin reaches the adjacent injectors.
3. Remove the injectors after the curing process and patch the wall with an appropriate gel epoxy sealing compound.
4. Remove and replace the corroded anchors on the exterior pipe stand – off brackets.

Depending upon the extent of the hollows, additional repairs may be required in future years.

Also attached is a 2/23/2009 letter from Crom explaining that Crom Engineering and Construction Services, Inc. (CESC) is a wholly owned subsidiary of the Crom Corporation which performs the inspection and repair functions.

Staff recommends that the Donax Reject Storage Tank rehabilitation work be awarded to Crom Engineering and Construction Services, Inc. (CESC) as sole source provider in the amount of \$50,000 with funding from the Utility Division's FY12 operating budget.

Cc: Finance Director Sylvia Edwards
City Attorney Ken Cuyler



February 23, 2009

Via Email: scott.krawczuk@mysanibel.com

Mr. Scott Krawczuk
City of Sanibel PW
800 Dunlap Road
Sanibel, FL 33957

Subject: Repair Services
Donax Water Reclamation Facility
Sanibel, Florida

Dear Mr. Krawczuk:

Crom Engineering and Construction Services, Inc. (CECS) is offering repair services as an approved representative of The Crom Corporation. CECS is a wholly owned subsidiary of The Crom Corporation which was formed to carry out the specific tasks to inspect and repair tanks.

The construction of prestressed composite tanks is a unique form of construction that is only performed by a few select contractors. The combination of materials and construction methods make the structures difficult to understand if not thoroughly knowledgeable in this technology. In order to properly address maintenance and repairs on prestressed tanks, the companies involved need to have considerable experience in how the tanks are built. CECS meets these requirements with more than 75 years of combined experience in the design, construction and repair of prestressed composite tanks. No other service company provides this background.

Thank you for giving us the opportunity to assist you. Please let us know if you have any further questions.

Sincerely,

CROM ENGINEERING & CONSTRUCTION SERVICES, INC.

A handwritten signature in black ink, appearing to read "Irvin C. Rubin".

Irvin C. Rubin, P.E.
General Manager

jlc

CROM ENGINEERING & CONSTRUCTION SERVICES, INC.

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