

Agenda Item: 2.i

Meeting Date: March 3, 2020

MEMORANDUM

To: City Commission

Date: 2020-02-23

From: Jorge Quintas, Public Works & Utilities Director/Engineer

Subject: Sandblasting & Recoating of North / South Secondary Clarifiers

Presenter(s): Paul Stanek, Assistant Director of Public Works & Utilities

Recommend: Staff recommends the award of Sandblasting & Recoating of the North / South Secondary Clarifiers to Razorback LLC, of Tarpon Springs, in the amount of \$88,900.

Epic Goal(s): Goal #4 - Be the statewide model for environmental sustainability stewardship.

Boards & Committees: None

Budget Impact: Funds for Sandblasting & Recoating of the North / South Secondary Clarifiers are available in the Water and Sewer Fund (Acct. #441-5265-535-054610-WU).

Past Action: Purchase Order #200388 was issued to Razorback LLC, in the amount of \$48,500, for Sandblasting & Recoating of the North / South Secondary Clarifiers as approved by City Manager via a Delegated Authority Memorandum, dated January 16, 2020.

Next Action: None

Attachments: [A. Delegated Authority Memo - Sandblasting & Recoating of North South Secondary Clarifiers](#), [B. Clarifier Cleaning and Recoating Quotes \(3\)](#), [C. Razorback LLC - CLARIFIER CHANGE ORDER](#),

Background:

The adopted FY 2020 budget includes funding for necessary on-going maintenance of the Wastewater Treatment Plant. The north and south clarifiers are in need of cleaning and recoating of the metal infrastructure (overcoat immersion). Each clarifier has a diameter of 105 feet and has a volume of 775,000 gallons.

As per the City's Purchasing requirements, three (3) quotes were obtained, with Razorback LLC, of Tarpon Springs, providing the lowest quote. Because the original bid award was \$48,500, a Delegated Authority Memo, dated January 16, 2020, was approved by the City Manager. Razorback LLC mobilized and initiated the steel overcoat immersion service on the south clarifier. During the cleaning and preparation for the overcoat, it was discovered that the underlying material covering the metal structures had been compromised, necessitating the coverings removal, which was not part of the original scope. In order to replace the compromised material, supplementary work and additional protective coatings will need to be applied at a cost of \$20,200 per tank (\$40,400 total). The additional work includes the full removal of all coatings to bare metal and the installation of three (3) layers of protective coatings, to ensure a minimum thickness of 12 millimeters or 12 Mills.

Due to the overall cost now exceeding \$50, 000, this item is being brought to the Commission for approval, in order to complete the project. The three (3) original quotes and the Razorback LLC change order are attached. The total project cost, including this award, is \$88,900 for the two clarifiers.

Staff hereby recommends award for the Sandblasting & Recoating of the North / South Secondary Clarifiers to Razorback LLC, as described herein.