

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: July 31, 2019

To: Jason E. Brown, County Administrator

From: Vincent Burke, PE, Director of Utility Services

Prepared By: Arjuna Weragoda, PE, Capital Projects Manager

Subject: Request to Waive the Bid Process for the Replacement of Blowers for the Sludge Holding Tank at West Regional Wastewater Treatment Facility

Descriptions and Conditions:

On May 15, 2018, the Indian River County Board of County Commissioners (BCC) approved Work Order No. 1 to Schulke, Bittle and Stoddard, LLC, (SBS) to provide professional engineering services for design, bidding assistance and construction management services for the failing blowers and the blower building at the West Regional Wastewater Treatment Facility (WRWWTF).

The existing blowers are 32 years old, inefficient and significantly oversized for both current and future needs, and the metal building containing the blowers has deteriorated. Furthermore, the roof has failed, allowing water intrusion into the building and impacting the mechanical and electrical equipment.

Analysis:

SBS has evaluated in detail the structural integrity of the building as well as the efficiency of the existing blowers and found that, in order to achieve the maximum cost-benefit, two (2) standalone blower motors with enclosures is the best solution. In order to keep the sludge holding tanks at the WRWWTF running efficiently, the corrective actions on the blowers are critical. In order to standardize motors and enclosures, SBS recommends the similar blower assembly that currently exists at the Residual Dewatering Facility (RDF). The manufacturer of the blower assembly is Excelsior Blower Systems, Inc., from Blandon, Pennsylvania. The blower assembly has a lead time of approximately 8 to 10 weeks. Therefore, in the essence of time, the best solution is to have the two (2) blower assemblies directly purchased from Excelsior Blower Systems. SBS has created design plans, specifications and bid line items for the installation of the new blowers, electrical work, and demolition of the existing dilapidated building. The Engineers estimate for the installation and demolition work is approximately \$30,000.00. A licensed contractor to perform this work will be procured per the purchasing guidelines. This work will be procured per the purchasing guidelines. The quote provided by Excelsior, which includes control panel, freight and startup charges, is \$38,722.50 per blower system, for a total of \$77,445.

Funding:

Funds for this project are derived from the capital budget in the operating fund. Operating funds are generated from water and sewer revenues.

Description	Account Number	Amount
WRWWTF Blower Room Replacement	471-169000-18521	\$77,445

Recommendation:

Staff recommends the Board of County Commissioners waive the bid process and authorize the Purchasing Division to issue a purchase order to Excelsior Blower Systems, Inc., in the amount of \$77,445 for the purchase of the two blower systems.

Attachment(s):

1. Quote from Excelsior Blower Systems, Inc.