

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

**Date:** June 9, 2020

**To:** Jason E. Brown, County Administrator

**From:** Vincent Burke, PE, Director of Utility Services

**Prepared By:** Arjuna Weragoda, PE, Capital Projects Manager

**Subject:** Change Order 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 (IRC) 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).

On December 3, 2019, the BCC authorized the Purchasing Manager to issue a purchase order to Larry Schlitt Construction, Inc., (Schlitt) in the amount of \$38,100.00 for the installation of the new blower assemblies and demolition of the existing building, including electrical work at the West Regional Wastewater Treatment Facility.

**Analysis:**

Purchase order 85883 was issued March 3, 2020. During the demolition of the two (2) eastern existing blowers, the existing 10-inch riser ductile iron pipe came loose. Upon evaluation, IRC and SBS staff discovered that the existing 10-inch riser pipe was not restrained, and the header pipe that supports discharging air were totally corroded and not anchored. Any modifications to these pipes were not anticipated and therefore were not part of the subject project. The contractor was requested to provide a fee proposal for two options. The options are as follows:

Option 1: Pour new pipe stands closer to blowers so system remains operational. Remove old header and riser. Add new extension at top of riser with mega lug and gasket. Set old riser with new connections into pipe stands and reconnect everything

Option 2: Pour new pipe stands closer to blowers so system remains operational. Remove old header and riser and dispose. Use new 8" dip to construct new header riser and connection back to location of existing 8" pipe on top of tank. Set new piping into pipe stands and reconnect everything

IRC staff and the Engineer of Record from SBS both recommend Option 2.

**Funding:**

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

<b>Description</b>	<b>Account Number</b>	<b>Amount</b>
WRWWTF Blower Room Replacement	471-169000-18521	\$15,408.00

**Recommendation:**

Staff recommends the Board of County Commissioners authorize the Purchasing Division to issue a change order to the existing purchase order 85883 to Larry Schlitt Construction, Inc., in the amount of \$15,408.00 for a new total of \$53,508.00.

**Attachment(s):**

1. Change Order No.1 with Larry Schlitt Construction, Inc.