

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

Date: November 21, 2022

To: Jason E. Brown, County Administrator

From: Sean C. Lieske, Director of Utility Services

Prepared by: Richard Meckes, Utilities Operations Manager

Subject: Change Order 2 to TLC Diversified, Inc., for the South Water Treatment Plant Membrane and Retrofit Project

Background/Analysis:

On June 15, 2021, the Board of County Commissioners (BCC) awarded the bid to TLC Diversified (TLC) for the South Water Treatment Plant (SWTP) Membrane and Retrofit Project in the amount of \$10,665,515.65. On August 16, 2022, Change Order No. 1 was executed for \$483,563.83, bringing the project total to \$11,149,079.48. During the construction phase of this project, staff was made aware of deficiencies related to components of the treatment plant that were not originally part of the project. The components that are deficient are three (3) malfunctioning 14-inch valves and a leaking 18-inch transfer pipe. The County's Engineer of Record on the project, Kimley-Horn and Associates (KHA), recommended replacement of the deficient components to ensure they are updated along with the rest of the upgrades to the plant.

To accomplish the replacement of the three (3) malfunctioning 14-inch valves that are beyond their useful life, and to make the emergency repair to the leaking 18-inch transfer pipe, the contractor will install two (2) line stops that will be required on the existing high service pump suction line. The line stops on the 14-inch line and the 30-inch high service pump suction line are required to ensure that the SWTP can remain in service during the construction and replacement of the malfunctioning 14-inch valves. The removal of the buried concrete vault that is in conflict with the 30-inch line will also take place. This change order in the amount of \$150,020.17 will bring the total project cost to \$11,299,099.65.

Funding:

Funds in the amount of \$150,020.17 are required for this change order and the expense will be reflected in the Utilities/WIP/South R/O Membranes & Retrofit account, number 471-169000-19503. Since this is an operating fund capital project, the funds for the change order will come from fund balance. Utilities operating funds are generated from water and sewer sales.

Description	Account Number	Amount
Utilities/WIP/South R/O Membranes & Retrofit	471-169000-19503	\$150,020.17

Recommendation:

Staff recommends that the Board of County Commissioners approve the change order in the amount of \$150,020.17, leaving a revised total agreement with TLC Diversified, Inc., in the amount of \$11,299,099.65, and authorize the Chairman to execute the change order on their behalf.

Attachment:

1. Change Order 2