

TOWN OF PALM BEACH

Information for Town Council Meeting on: June 12, 2018

TO: Mayor and Town Council

VIA: Kirk W. Blouin, Town Manager

FROM: H. Paul Brazil, P.E., Director of Public Works

RE: Approve a Change Order to the Construction Manager at Risk Contract to Whiting-Turner, Inc., Contracting Company for the A-41 Pump Station Electrical Improvements

DATE: May 21, 2018

STAFF RECOMMENDATION

Town staff recommends that Town Council approve a change order to Purchase Order No.171307 and Construction Manager at Risk Contract (CMAR) with Whiting-Turner Contracting Company (WT) to include the A-41 Pump Station Electrical Improvements Project.

GENERAL INFORMATION

At the September 19, 2017, Town Council meeting, Council approved a purchase order for the design of the electrical improvements at the A-41 Wastewater Pump Station. The electrical configuration currently serving the A-41 Wastewater Pump Station is a three (3) phase 240V closed delta service. The existing service configuration is not compatible or supported by Florida Power & Light (FPL). The new feeder electrical service will only provide a three (3) phase wye service in either a 120/208V or 277/480V configuration. Due to the existing electrical loads at A-41, the electrical service needs to be upgraded to a three (3) phase 277/480V wye service. The voltage conversion requires the demolition of the existing 240V service, replacement of the automatic transfer switch, a new 480V power distribution panel, a new step down transformer, modifications to the existing outdoor standby generator, modifications to the pump starters, modifications to the control panel, and modifications to the pump motor terminations.

The condition assessment that was performed by Mock Roos and Associates, Inc. in 2016 on all the Town's sanitary sewer stations identified required improvements to A-41. The stations in the assessment were graded from one (1) "in like new condition" to five (5) "in need of immediate replacement". The A-41 Pump station received a conditional assessment value of four (4) for limited elements within the station, meaning improvements were needed in the next 2-5 years. Repairs needed to the station include: blower and duct work replacement, piping for bypass pump-out, level control panel replacement, ATS and MTS replacements, trench drain replacement, minor grading at the entry door and replacement of the roof membrane. The electrical and assessment improvements have been combined which result in a cost savings for construction.

In lieu of the traditional approach to securing sealed bids for the electrical improvements for the A-41 wastewater pump station, WT was asked to competitively bid the project with the hope that the Town would realize mobilization and other savings since WT is already doing work under a CMAR contract for Phase 1 South of the Underground Utilities Project. Bids came back at a cost of \$558,572.40, plus a contingency of \$30,427.60 for a total cost of \$589,000.

FUNDING/FISCAL IMPACT

This is a no cost change order utilizing a portion of the funds returned due to the reduced cost of the decorative streetlights.

PURCHASING REVIEW

This item has been reviewed by the Purchasing Division and approved as recommended.

TOWN ATTORNEY REVIEW

This Resolution has been reviewed and approved by the Town Attorney for legal form and sufficiency.

Attachment

cc: Jane Le Clainche, Director of Finance
Patricia Strayer, P.E., Town Engineer
Jason Debrincat, P.E., Senior Project Engineer
Jeffrey Sanon, P.E., Project Engineer
Michael Roach, P.E., Project Engineer
Steven Stern, Underground Utilities Manager
Dean Mealy, Purchasing Manager