

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

Date: November 18, 2021
To: Jason E. Brown, County Administrator
From: Matthew Jordan, Interim Director of Utility Services
Prepared By: Terry Southard, Operations Manager
Subject: North County Reverse Osmosis Water Treatment Plant Supervisory Control and Data Acquisition System Upgrades, Kimley-Horn Work Order No. 7

Background:

On May 19, 2020, the Indian River County (IRC) Board of County Commissioners (BCC) approved Work Order No. 2 with Kimley-Horn and Associates, Inc., (KHA) to provide professional services for assessment, remediation, and bidding services for upgrades to the Supervisory Control and Data Acquisition (SCADA) system at the North County Reverse Osmosis (NCRO) water treatment plant (WTP).

Their work resulted in recommending the replacement of the SCADA system. Staff is currently preparing documents to go out to bid for the replacement of the SCADA system at NCRO.

Analysis:

Since KHA is already very familiar with the SCADA system and had recommended replacement, staff asked KHA to provide an estimate for professional services to include construction phase service as well as integration labor that will be required to program each of the upgrades to the program logic controllers, remote input/output panels and various other components of the SCADA system.

KHA provided Work Order No. 7, which is in accordance with the Agreement for Professional Services for Water Plant and Water Resources Engineering Services-Request for Quote (RFQ) 2019070 dated November 5, 2019.

Funding:

Funding in the amount of \$255,219 is available in the Utilities/Water Production/WTF SCADA system updates account, number 47121936-044699-19536. Utilities operating funds are derived from water and sewer sales.

Description	Account Number	Amount
Utilities/Water Production/WTF SCADA System Updates	47121936-044699-19536	\$255,219.00

Recommendation:

Staff recommends that the Board of County Commissioners approve Work Order No. 7 with Kimley-Horn and Associates, Inc., in the amount of \$255,219.00, for professional services to include construction phase service for the proposed Supervisory Control and Data Acquisition (SCADA) improvements, and the integration labor required to program each of the respective upgrades to programmable logic controllers, remote input/output panels, and various other components of the SCADA system, and authorize the Chairman to execute said work order on their behalf.

Attachment:

Work Order No.7 with KHA.