

Indian River County, Florida  
Department of Utility Services  
Board Memorandum

**Date:** June 8, 2021

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

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

**Prepared by:** Terry Southard, Operations Manager, Utility Services

**Subject:** Approval of Work Order 6 to Kimley-Horn and Associates for South County Reverse Osmosis Water Treatment Plant Construction Phase Services

**Background:**

On November 5, 2019, the Board of County Commissioners (BCC) awarded RFQ 2019070 for Professional Services for Water Plant and Water Resources Engineering Services to Kimley-Horn and Associates (KHA).

On December 17, 2019, the BCC awarded Work Order No. 1 to KHA to provide design, permitting, and bidding phase services for the South County Reverse Osmosis (SCRO) Water Treatment Plant (WTP) Membrane and Retrofit Construction project. On October 6, 2020, the BCC approved Amendment No. 1 to Work Order No. 1, which addressed further items in the project and increased the cost by \$127,252.00. HA has almost completed Work Order No. 1.

On April 4, 2021 the Indian River County Purchasing Department advertised the SCRO Membrane and Retrofit Construction project and requested bids with the bid opening on May 19, 2021. Four companies submitted bids.

**Analysis:**

Staff requested KHA prepare a proposal to provide professional services to oversee the construction project due to the highly technical and logistically intensive project. Their proposal was to include:

- Shop drawing review
- Coordination and progress meeting attendance, and preparation of meeting minutes
- Construction observations, including inspector and engineer observation
- Responses to contractor requests for information and clarifications and review of substitutes
- Review of change orders and changes in work directives
- Major equipment start-up services and coordination with SCADA system integration
- Review of record drawings based on information provided by contractors (consisting of electronic formatting, AutoCAD version 2018 in real world coordinates in .pdf format)
- FDEP certification of completion of the project
- Permitting support

The work order is provided in accordance with the Agreement for Professional Services for Water Plant and Water Resources Engineering Services-RFQ 2019070 dated November 5, 2019. The scope is more specifically described in the attached Work Order No. 6. The total negotiated cost for the SCRO WTP Improvement Construction Phase Services Work Order No. 6 is a lump sum amount of \$1,222,545.00.

**Funding:**

Funds for this project are derived from the South RO Membrane and Retrofit account in the Utilities operating fund. Utilities operating funds are generated from water and sewer sales.

Description	Account Number	Amount
South RO Membrane and Retrofit	47121936-044699-19503	\$ 1,222,545.00

**Recommendation:**

Staff recommends that the Board of County Commissioners approve Work Oder No. 6, as per the Agreement for Professional Services for Water Plant and Water Resources Engineering Services Request for Quotation 2019070, and authorize the Chairman to execute the Work Order on their behalf to engage the services of Kimley-Horn and Associates, Inc., for the amount of \$1,222,545.00.

**Attachments:**

Work Order No. 6 with KHA (7 pages)