

CCNA2018 WORK ORDER 14

**BULK ACID TANK REPLACEMENT
AT HOBART WATER TREATMENT PLANT**

This Work Order Number 14 is entered into as of this 11th day of June, 2019, pursuant to that certain Continuing Consulting Engineering Services Agreement for Professional Services entered into as of this 17th day of April, 2018 (collectively referred to as the "Agreement"), by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Kimley-Horn and Associates, Inc., ("Consultant").

The COUNTY has selected the Consultant to perform the professional services set forth on Exhibit A (Scope of Work), attached to this Work Order and made part hereof by this reference. The professional services will be performed by the Consultant for the fee schedule set forth in Exhibit B (Fee Schedule), attached to this Work Order and made a part hereof by this reference. The Consultant will perform the professional services within the timeframe more particularly set forth in Exhibit C (Time Schedule), attached to this Work Order and made a part hereof by this reference all in accordance with the terms and provisions set forth in the Agreement. Pursuant to paragraph 1.4 of the Agreement, nothing contained in any Work Order shall conflict with the terms of the Agreement and the terms of the Agreement shall be deemed to be incorporated in each individual Work Order as if fully set forth herein.

IN WITNESS WHEREOF, the parties hereto have executed this Work Order as of the date first written above.

CONSULTANT:

BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY

By: _____
Printed Name: _____
Title: _____

By: _____
Bob Solari, Chairman
BCC Approved Date: _____

Attest: Jeffrey R. Smith, Clerk of Circuit
Court And Comptroller

By: _____
Deputy Clerk

Approved:

Jason E. Brown, County Administrator

Approved as to form and legal sufficiency:

Dylan Reingold, County Attorney

EXHIBIT #1
Work Order Number 14
Bulk Acid Tank Replacement
At Hobart Water Treatment Plant

PROJECT UNDERSTANDING

The existing bulk acid tank is more than 10 years old and at the end of its service life, and therefore, replacement of the tank is necessary. Since the acid demands have been reduced in the feed water with the use of alternative scale inhibitors, a smaller sized bulk tank is suggested. Associated piping and containment coatings should also be addressed as part of the tank replacement. The scope of work consists of review and inspection of the existing tank conditions and site, preparation of design plans and specifications for a new tank and associated supply piping, coordination with FDEP, and bidding.

SCOPE OF SERVICES

Task 1: Review Existing Conditions

Consultant will review existing tank and piping at the North Hobart Road plant and evaluate options for a replacement tank. Consultant will develop a phasing plan to allow replacement of the existing tank without interrupting service. Consultant will also review acid consumption and the potential for a reduction in usage and subsequent storage capacity.

Task 2: Design Plans and Specification

Consultant will prepare plans and specifications for a replacement tank. Plans will consist of a site plan, tank supports, piping, tie-in details, and general details. Photos may be used to depict details. It is anticipated that approximately four (4) drawings will be prepared.

Specifications will be prepared and consist of the replacement tank, associated piping, coating of existing containment area, and demolition of existing tank.

Consultant will provide 90% plans and specifications for review and comment as well as final plans and specifications for construction. Drawings will be provided in electronic (Pdf – portable document format) form.

Task 3: Coordination

Consultant will prepare a letter of notification to Florida Department of Environmental Protection (FDEP) regarding tank replacement. It is assumed that a FDEP permit is not required for the tank replacement, but that justification for a reduced size tank will be necessary.

Consultant will answer questions from contractors regarding the scope of work during the price proposal phase. Consultant will review one set of shop drawings on the tank and piping during the construction phase of the project.

TIME SCHEDULE

Services for Tasks 1 through 3 are anticipated to be completed within 3 weeks of notice to proceed. Task 4 will be concurrent with project construction and is anticipated to be completed within 6-8 months, depending on contractor's schedule.

FEE SCHEDULE

We will provide these services in accordance with our Continuing Consulting Engineering Services Agreement for Professional Services dated April 17th, 2018, by and between INDIAN RIVER COUNTY, a political subdivision of the State of Florida ("COUNTY") and Kimley-Horn and Associates, Inc., ("Consultant").

The Consultant will provide professional services for a lump sum fee as follows:

Task No.	Task	Task Fee
Task 1	Review Existing Conditions, Phasing Plan	\$ 3,300
Task 2	Design Plans and Specifications	\$ 14,360
Task 3	Coordination	\$ 4,050
	TOTAL LUMP SUM FEE	\$ 21,710

ADDITIONAL SERVICES

The following services are not included in the Scope of Services for this project, but may be required depending on circumstances that may arise during the execution of this project. Additional services include, but may not be limited to the following:

- **Construction phase services not included** under this task order, but can be prepared if needed after bidding.
- Permitting, including preparation of permit application and supporting information is not believed to be necessary, and therefore not provided. Tank replacement is strictly considered maintenance.

