

CCNA2018 WORK ORDER 14

BULK CHEMICAL TANK REPLACEMENT AT HOBART REVERSE OSMOSIS WATER TREATMENT PLANT

This Amendment #1 to Work Order Number 14 is entered into as of this ____ day of _____, 2020, 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:

Kimley-Horn and Associates, Inc.

**BOARD OF COUNTY COMMISSIONERS
OF INDIAN RIVER COUNTY**

By: _____
Print Name: **Brian Good, P.E.**

Title: **Principal**

By: _____
Susan Adams, Chairman

BCC Approved Date: _____

Attest: Jeffrey R. Smith, Clerk of Court and Comptroller

By: _____
Deputy Clerk

Approved: _____
Jason E. Brown, County Administrator

Approved as to form and legal sufficiency: _____
Dylan T. Reingold, County Attorney

EXHIBIT #1
Amendment #1 to Work Order Number 14
Bulk Chemical Tank Replacement
At Hobart Reverse Osmosis Water Treatment Plant

PROJECT UNDERSTANDING

Kimley-Horn (Consultant) recently prepared bid documents for replacement of the bulk sulfuric acid and caustic tanks at the Hobart Reverse Osmosis Water Treatment Plant (ROWTP). The project has been permitted through FDEP and IRCU intends to advertise the project soon for bidding.

Originally, the two projects were scoped under separate work orders. It was believed that IRCU could change order the proposed tank replacement project under a separate ongoing construction project, and the Consultant's additional involvement in construction would have been limited to shop drawing review. This procedure is no longer desirable and the County desires to advertise the tank replacement project as a standalone construction contract. As such, IRCU has requested that Kimley-Horn prepare a work order to provide additional construction phase services for this project in addition to the Work Orders that have been previously authorized. The following presents description for the additional services to be provided.

SCOPE OF SERVICES

Task 1 – Bid and Construction Phase Services

In general, Consultant will provide construction phase services for this project, consisting of; shop drawing review, coordination and phasing meeting attendance, responding to questions from Contractors, payment application review, change order review, review of operation and maintenance documents review, record drawing review, based on information provided by contractors.

Consultant will attend one (1) pre-bid and one (1) pre-construction meeting.

Consultant will review the submitted bids and provide a bid review letter that summarizes the bid and identifies the lowest, most responsive, most responsible bidder.

Shop drawing submittals will be reviewed for conformance with the design plans and specifications. Shop drawings will be submitted directly to Consultant. It is anticipated that approximately 4 shop drawings will be reviewed. Consultant will review the submittals and furnish review comments to the IRCU for acceptance. Upon completion of IRCU's review, Consultant will furnish complete review comments to Contractor.

Consultant will provide coordination of project status meetings and observation of construction for the duration of the project. Consultant will also review pay requests and provide recommendations for payment to IRCU for the progress of the work. Consultant will attend up to 2 progress meetings.

Consultant will provide up to four (4) site visits during construction and installation of temporary and proposed equipment at periods appropriate to the stages of construction to observe the progress to observe if in general, the work is proceeding in accordance with the Contract specifications. Consultant's duties will consist of witnessing installation, testing and startup of the temporary storage/feed setup and the proposed (permanent) bulk chemical tanks.

Consultant will provide reviews of Requests for Additional Information from the Contractor. No more than two (2) RFIs are anticipated as part of this project.

Consultant will provide reviews of change orders submitted by the contractor. No more than two (2) change orders are anticipated as part of this project.

Once each new tank is constructed, tested and ready to be placed into service, Consultant will prepare request for clearance to place component into operation. It is assumed that the tanks will be constructed sequentially, so two (2) requests to FDEP will be required – one (1) partial request after the first tank is constructed, and one (1) final request after the second tank is constructed.

Consultant will prepare a "punch list" for the items that need to be completed for final closeout of the project. Consultant will provide two (2) site visits with the contractor to review the status of the completion of these punch-list items. Consultant will prepare and submit certificate of substantial and final completion.

TIME SCHEDULE

Services for Task 1 are dependent on the Contractor and construction contract duration, which is not anticipated to exceed 6 months.

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	Bid & Construction Phase Services	\$10,349
	TOTAL LUMP SUM FEE	\$ 10,349

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 described herein
- Additional meetings
- Record drawings in .dwg format
- Additional site visits

ESTIMATE FOR ENGINEERING SERVICES									
PROJECT: Hobart Caustic Tank Replacement CPS						SHEET	1	OF	1
CLIENT: Indian River County Utilities						FILE NO.			
ESTIMATOR: NB						DATE:	6/30/2020		
DESCRIPTION:		DIRECT LABOR (MAN-HOURS)							
	Hobart ROWTP Bulk Chemical Tank Replacement							Dir Exp	LINE
		PRINC	SEN PROF	REG PROF	DES/ P2	CLK P1	EXP SUB	EXP SUB	TOTAL
NO.	TASK								
1	Construction Phase Services								
	Bid Review	0.5		4				\$33	\$751
	Shop Drawing Review	0.5		4				\$33	\$751
	Prebid Meeting	0.5		4				\$33	\$751
	Preconstruction Meeting	0.5		4				\$33	\$751
	Payment Application Review (x6)	0.5		6		2		\$56	\$1,265
	Change Order Review (x2)	0.5		4				\$33	\$751
	Site Visit (x4)	0.5		6				\$47	\$1,064
	Progress Meeting (x2)	0.5		6				\$47	\$1,064
	RFIs (x4)	0.5		4				\$33	\$751
	FDEP Request for Clearance	0.5		4		2		\$42	\$951
	Punch List (Substantial & Final)	0.5		6				\$47	\$1,064
	Certificate of Substantial and Final Completion	0.5		2				\$19	\$437
								\$0	
	TOTAL HOURS	6	0	54	0	4	0	0	\$455 \$10,349
	LABOR (\$/HOUR)	235	225	150	105	96	25		\$0 \$0
	SUBTOTAL	1410	0	8100	0	384	0	0	\$9,894 \$0