

CCNA2018 WORK ORDER 01

INDIAN RIVER CLUB RECLAIMED WATER SYSTEM

This Work Order Number 01 is entered into as of this ___ day of _____, 201_, 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 ("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: _____



By: _____

, Chairman

Print Name: _____

Erik Juliano

Title: _____

V.P. Branch Manager

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 A -SCOPE OF WORK

Alternatives Analysis – Task 1

Project Permitting

1. Evaluate existing Indian River South Regional Wastewater Treatment Facility (SRWWTF) FDEP Operating Permit for required permit modifications for this use including discharge point and monitoring wells.
2. Evaluate Indian River Club SJRWMD ERP to determine required permit modifications including nitrogen and phosphorus levels.
3. Evaluate IRFWCD permit (Indian River Club) criteria for discharge requirements.
4. Summarize permitting issues and findings and determine the constraints on proposed system alternatives.

System Evaluation

5. Evaluate existing reclaimed pump station operation so proposed alternative systems can be integrated with it. Evaluate station hydraulics and control system. Evaluate storage requirements for the ponds and pressurized system alternative.
6. Confirm required control system for reclaimed water system operations for both open discharge and pressurized reclaimed systems.
7. Evaluate pond configuration and location for onsite and offsite alternatives. Coordinate with SRWWTF and Indian River Club for location and configuration.
8. Evaluate the Indian River Club irrigation pump station as it relates to a pressurized reclaimed water system.
9. Evaluate the potential for additional users of reclaimed water for the pressurized system alternative.

Letter Report of Findings

10. Evaluate three alternatives for delivering reclaimed water. a) evaluate delivering reclaimed water to a dedicated pond to be located on Indian River Club property, b) evaluate delivering reclaimed water to a dedicated pond located on SRWWTF property with support and separate delivery to their pump station, c) evaluate a pressurized system.
11. Develop engineer's opinion of construction cost for each alternative.
12. Develop Summary of recommendations
13. Attend and prepare summary meeting notes for (3) Project meetings and site evaluations as needed.

Deliverables

90% Submittal for Comments one week before meeting, 3 – Hard copies and 1 - PDF
100% Submittal for Delivery, 5 – Hard copies signed and sealed with and 1 - PDF

SERVICES AND/OR INFORMATION TO BE PROVIDED BY OTHERS

Client or others will provide the following services and/or information:

- A. Provide record-drawings and information of existing improvements and utility-owned facilities and other substructures.

SPECIFIC EXCLUSIONS

Specifically, not included in the above Scope of Services/Compensation are the following:

- A. None

EXHIBIT B -- FEE SCHEDULE

COMPENSATION

We will provide the requested services on a Lump Sum Cost, with estimated task breakdown below:

Design Services:

Task	Design Services	Fee
1.	Alternatives Analysis.	\$25,657
	Total	\$25,657

EXHIBIT C – TIME SCHEDULE

Proposed Project Schedule		
Description	Time	Total Time
Alternative Analysis		
Kickoff Meeting	~	~
Permit Evaluation	2 Weeks	2 Weeks
System Evaluation & Research	4 Weeks	6 Weeks
30% Meeting	~	6 Weeks
Letter Report	4 Weeks	10 Weeks
90% Meeting	~	10 Weeks
Deliver Final Report	2 Weeks	12 Weeks