

**INDIAN RIVER COUNTY, FLORIDA  
MEMORANDUM**

**CONSENT**

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

**THROUGH:** Richard B. Szyrka P.E., Public Works Director

**FROM:** Keith McCully, P.E., Stormwater Engineer 

**SUBJECT:** Approval of Work Order No. AACE-1 With Andersen Andre Consulting Engineers, Inc. for Construction Testing Services for Moorhen Marsh Low Energy Aquatic Plant System

**DATE:** April 9, 2021

**DESCRIPTION AND CONDITIONS**

Bids for construction of Moorhen Marsh Low Energy Aquatic Plant System, a regional stormwater treatment facility that will use managed aquatic plants to remove nitrogen and phosphorus from North Relief Canal water, were received July 14, 2020 and bid prices were significantly higher than anticipated. Consequently, on August 18, 2020, the Board of County Commissioners voted to reject all bids and directed staff to design a more basic managed aquatic plant treatment facility that will result in lower construction costs. Design and permitting phases are complete and the project has been advertised for construction bids, which are due May 4, 2021.

Construction testing services are necessary during the facility's construction and Work Order AACE-1 addresses these issues. Andersen Andre Consulting Engineers, Inc. performed geotechnical investigations for design and is very familiar with the site and the Project. The firm has a continuing contract with Public Works Department for professional geotechnical engineering and construction testing/inspection services. Specific services are listed on the attached Work Order.

The lump sum professional services fee associated with Work Order No. AACE-1 is \$80,505.00.

**FUNDING**

Funding is available from Optional Sales Tax/Public Works/CIP-Moorhen Marsh-PC North, Acct #31524338-066510-16018.

Funding Source	Amount
Optional Sales Tax/Public Works/CIP-Moorhen Marsh-PC North, Acct #31524338-066510-16018	\$80,505.00

**RECOMMENDATION**

Staff recommends the Board of County Commissioners approve Work Order No. AACE-1 in the amount of \$80,505.00, and authorize the Chairman to execute it on behalf of the County.

**ATTACHMENTS**

Work Order No. AACE-1  
Exhibit A – Andersen Andre

**APPROVED AGENDA ITEM FOR April 20, 2021**