

INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM

CONSENT

TO: Jason E. Brown, County Administrator

THROUGH: Richard B. Szpyrka P.E., Public Works Director

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

SUBJECT: **Approval of Work Order No. AA-LEAPS-1 With Andersen Andre Consulting Engineers, Inc. for Geotechnical Engineering Evaluation Services for the North Relief Canal Stormwater Treatment Facility**

DATE: February 22, 2019

DESCRIPTION AND CONDITIONS

On April 18, 2017, the Board of County Commissioners approved the purchase of an 18.03-acre parcel at the southeast corner of the intersection of the Indian River Farms Water Control District's Lateral "A" and North Relief Canals. A regional stormwater treatment facility that will use managed aquatic plants to remove nitrogen and phosphorus from North Relief Canal water will be constructed on the property. The project is part of the County's effort to reduce nutrient discharge into the Indian River Lagoon and is listed as CIRL-IRC-07 in the County's most recent Best Management Practice update submitted to Florida Department of Environmental Protection. A pilot plant study near the site was completed in February 2018 and final system design has begun.

As part of the design process, geotechnical evaluation services are necessary for the project. Work Order AA-LEAPS-1 with Andersen Andre Consulting Engineers, Inc. will be utilized, which has a continuing contract with Public Works for professional geotechnical engineering services. Specific services are listed on the attached Work Order.

The not-to-exceed lump sum professional services fee associated with Work Order No. AA-LEAPS-1 is **\$21,120.00**.

FUNDING

Funding in the amount of \$21,120 is budgeted and available in the Transportation Fund/ Stormwater / Other Professional Services Account # 11128138 033190.

RECOMMENDATION

Staff recommends the Board of County Commissioners approve Work Order No. AA-LEAPS-1 with Andersen Andre Consulting Engineers, Inc., and authorize the Chairman to execute the Work Order on behalf of the County.

ATTACHMENTS

Work Order No. AA-LEAPS-1

APPROVED AGENDA ITEM FOR MARCH 5, 2019