

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 *WEM*

**SUBJECT:** Recommendation of Award of Construction Contract for Moorhen Marsh Low Energy Aquatic Plant System (Bid #2021038)

**DATE:** May 15, 2021

**DESCRIPTION AND CONDITIONS**

Moorhen Marsh Low Energy Aquatic Plant System (Moorhen Marsh) will be a regional County stormwater/canal water treatment facility that will use managed aquatic plants to remove nitrogen and phosphorus from Indian River Farms Water Control District North Relief Canal water. It is part of the County's aggressive program to reduce the flow of nutrients into the Indian River Lagoon, and it will be the County's sixth regional nutrient removal facility.

Moorhen Marsh was bid for construction on March 31, 2021 and bids were received on May 7, 2021. Three bids were received and are summarized below.

<u>Bidder</u>	<u>Amount of Bid</u>
Allen Concrete and Masonry, Inc	\$10,987,684.90*
Integ-Crete Construction	\$11,682,386.88
Cone & Graham	\$11,959,245.19

\* There were math errors in the Allen Concrete bid. However, the errors were minor and did not affect the bid outcome. The amount shown above is the corrected bid amount. (The corrected amount is \$99.07 higher than the uncorrected bid amount.)

The Allen Concrete bid is approximately thirty-seven percent higher than staff's ninety percent design opinion of probable construction cost of \$8,000,000. This estimate was obtained using recent similar construction costs available to staff. The discrepancy is most likely due to recent large inflationary increases of construction materials and delays in production schedules created by the coronavirus pandemic.

**FUNDING**

Funding of \$8,250,000 is programmed in the 20/21 Capital Improvement Element and will be updated in the 21/22 Capital Improvement Element. For FY 20/21, funding of \$4,200,000 is budgeted in Acct #31524338-066510-16018, Optional Sales Tax/Public Works/Moorhen Marsh-PC North.

Funding Source	Amount
Optional Sales Tax/Public Works/CIP-Moorhen Marsh-PC North	\$9,087,684.90
Legislative Grant	\$ 650,000
SJRWMD-Cost Share Grant	\$1,250,000

**RECOMMENDATION**

Staff recommends the Board:

1. Approve award to the lowest apparent responsive and responsible bidder, Allen Concrete and Masonry, Inc., for a total contract amount of \$10,987,684.90;
2. Authorize the Chairman to execute the agreement upon review and approval of both the agreement and required public construction bond by the County Attorney as to form and legal sufficiency, and the receipt and approval of required insurance by the Risk Manager

**ATTACHMENTS**

Sample Agreement

**APPROVED AGENDA ITEM FOR JUNE 8, 2021**