



INDIAN RIVER COUNTY, FLORIDA DEPARTMENT OF UTILITY SERVICES

Date: February 1, 2017

To: Jason E. Brown, County Administrator

From: Vincent Burke, P.E., Director of Utility Services

Prepared By: Arjuna Weragoda, P.E., Capital Projects Manager

Subject: Emergency Purchase Order for Southern Management for Spoonbill Marsh Maintenance Work

DESCRIPTIONS AND CONDITIONS:

Indian River County Department of Utility Services (IRCDUS) owns and operates two (2) regional potable water treatment facilities. The North County Reverse Osmosis (NCRO) Water Treatment Plant is rated for 11.44 million gallons per day (mgd). The facility includes a brackish water wetland treatment and disposal site named Spoonbill Marsh. Demineralization concentrate from the NCRO water treatment plant is transmitted via a 16-inch diameter pipe and blended with Indian River Lagoon water at ratios to achieve compliance with Class III marine surface waters, then discharged to a 69+ acre marsh before exiting through runnels to the Indian River Lagoon. The October 6, 2016, Hurricane Matthew brought in silt, debris into the site clogging the two major runnels (WIM-001 & WIM-002) that serve as the primary outfalls from the marsh. Furthermore, strong winds and storm surge from Matthew uprooted vegetation and damaged portions of the boardwalk.

ANALYSIS:

Southern Management has and is performing annual maintenance at the site. Staff reached out to Southern Management for a proposal to perform these maintenance activities due to their intimate knowledge of the site, attention to detail and most importantly, the timely responsiveness. The intention is to have the subject maintenance performed during dry conditions and cooler temperatures.

FUNDING:

Funding for the runnel and boardwalk maintenance at Spoonbill Marsh is available in the account within the Utilities Operating Fund. Operating funds are derived from water and sewer sales.

Description	Account Number	Amount
Spoonbill Marsh-Runnel/Boardwalk	47121936-044699	\$22,847.50

RECOMMENDATION:

Staff recommends approval of the attached proposal authorizing the above-mentioned services and requests the Board of County Commissioners direct the Purchasing Manager to issue a purchase order for a lump sum amount of \$22,847.50 to Southern Management.

ATTACHMENT(s):

Proposal from Southern Management