

Southern Management
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DATE: January 27, 2017

TO: Vincent Burke, Indian River County Utilities

FROM: Beth Sembler, Southern Management

SUBJ: Revised Spoonbill Marsh Post Hurricane Matthew Field Assessment
Scope of Work

FIELD ASSESSMENT/SCOPE OF WORK:

Priority Classification: High:

1. Clean out existing runnel ditches #1 and #2. Runnel ditches are almost entirely plugged due to vegetative debris, root balls, mud, leaves, sticks, etc. due to Hurricane Matthew's strong winds that have blown over vegetation. These runnel ditches are the only provided drainage for the Spoonbill marsh area. Spoonbill marsh cannot operate as designed unless these runnel ditches are promptly cleaned. Cleaning these runnel ditches will be time-consuming, labor intensive and dangerous due to the sight conditions that can only be accessed by foot and cleaned by hand and hand tools. Many of the blown over root balls within the ditch drainage boundaries have left deep holes in excess of five-foot deep. Extreme caution and safety will need to be exercised in this clean up area. This is extremely hazardous work.

Scope of Work: Estimated 8-to-10 days for completion of clean out of both runnel ditches. Total estimated personnel hours of 554 hours @ \$32.50 per hour.

Please note: Due to the complexity of the clean up areas and the large amount of submerged debris, we cannot fully anticipate the number of hours required until we are onsite and physically conducting cleanup activities. This is a best-effort rough estimate based on a brief visual inspection.

Total cost not to exceed: \$18,005.00

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Priority Classification: High:

2. Repair and or replace damaged boardwalk material. Numerous sections of the boardwalk have advanced decay and are completely rotted. In addition, numerous sections of the railing, pickets and deck surface have been broken or damaged due to limbs and trees that have fallen on the boardwalk as a result of Hurricane Matthew's strong winds. Repairs need to be made throughout the entire boardwalk in affected areas.

Scope of work: Includes labor to remove, replace and haul away damaged pieces of boardwalk. County to provide construction materials for repairs to be made. Total estimated personnel hours are 149 hours @ \$32.50 per hour.

Total labor cost not to exceed: \$4,842.50