

**TOWN OF LONGBOAT KEY**  
**EMERGENCY PURCHASE FORM**

Nature Of Emergency Affecting Safety, Health Or Welfare Of The Public. Be Concise But Describe The Emergency Completely:

To conduct an assessment of Uniform Mitigation Assessment Method (UMAM) scoring conducted by the Florida Department of Environmental Protection (FDEP) for the mangrove damage area associated with the sewer force main leak Consent Order, and a comparison of that scoring to UMAM scores accepted and approved by the FDEP for the affected areas within the Long Bar Pointe Mitigation Bank. LSF of \$5,000 - deliverables to be completed by 1/15/2021.

MATERIAL OR SERVICES PURCHASED (GENERAL DESCRIPTION):

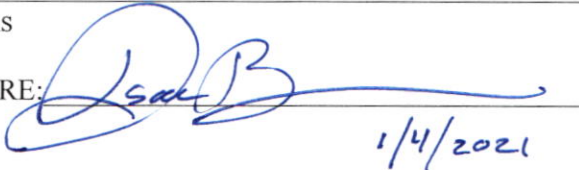
ESA will review the UMAM Part II Quantification of Assessment Area conducted by FDEP for the Consent Order mangrove impact area and determine the reasonableness of the scoring with respect to conditions observed in the field by ESA. In addition, ESA will review the Long Bar Pointe Mitigation Bank Permit documents and conduct a comparative analysis of UMAM scoring accepted and approved by FDEP for the areas in the vicinity of the sewer leak. ESA will conduct a site inspection of the mangrove impact area and adjacent portions of the permitted mitigation bank to assess the reasonableness of UMAM scoring.

EMERGENCY VENDOR NAME: Environmental Science Associates (ESA)

FUNDING IS AVAILABLE IN ACCOUNT NUMBER: 401 - 30-52-531 - 3104

PREPARED BY: Alexandra Lowe-Mains

DEPARTMENT DIRECTORS SIGNATURE:



DATE PREPARED: 01/04/2021

1/4/2021

ATTACH INVOICE AND ANY OTHER SUPPORTING DOCUMENTATION AND FORWARD TO PURCHASING FOR REVIEW WITHIN 48 HOURS OF AUTHORIZATION.

EMERGENCY NUMBER ASSIGNED:

TOTAL ACTUAL COST OF EMERGENCY PURCHASE: \$

APPROVED BY PURCHASING MANAGER:

DATE:

APPROVED BY TOWN MANAGER:

DATE:



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esassoc.com

December 23, 2020

Isaac Brownman  
Director, Town of Longboat Key Public Works  
600 General Harris Street  
Longboat Key, Florida 34228

**Subject:** UMAM Assessment

Dear Mr. Brownman:

This letter proposal addresses your request for a scope of work and fee from Environmental Science Associates (ESA) to conduct an assessment of Uniform Mitigation Assessment Method (UMAM) scoring conducted by the Florida Department of Environmental Protection (FDEP) for the mangrove damage area associated with the sewer force main leak Consent Order, and a comparison of that scoring to UMAM scores accepted and approved by the FDEP for the affected areas within the Long Bar Pointe Mitigation Bank. Our scope of work, deliverables, schedule and fee are described below.

#### Scope of Work

ESA will review the UMAM Part II Quantification of Assessment Area (Sections 62-345.500 and .600, F.A.C.) conducted by FDEP for the Consent Order mangrove impact area and determine the reasonableness of the scoring with respect to conditions observed in the field by ESA. In addition, ESA will review the Long Bar Pointe Mitigation Bank Permit documents and conduct a comparative analysis of UMAM scoring accepted and approved by FDEP for the areas in the vicinity of the sewer leak. ESA will conduct a site inspection of the mangrove impact area and adjacent portions of the permitted mitigation bank to assess the reasonableness of UMAM scoring.

#### Deliverables

ESA will prepare a brief Technical Memorandum comparing UMAM scoring for the mangrove impact area and UMAM scoring of the same areas of the mitigation bank, as accepted and approved by FDEP. The Technical Memorandum will include representative aerial and ground photographs, as appropriate; as well as a professional opinion of the reasonableness and scientific defensibility of the UMAM scoring.

#### Fee and Schedule

ESA will conduct the scope of work and prepare the deliverable, as described above, for a lump sum fee of \$5,000. All work and deliverables will be completed on or before January 15, 2021.

Please contact me at your convenience if you have any questions or concerns regarding this letter proposal.

Sincerely,

Doug Robison - Principal Scientist, Vice President