

CS-22-106

NASSAU COUNTY - SAISSA
Task Order Memorandum
Contract CM1852

To: Olsen Associates, Inc.
2618 Herschel St.
Jacksonville, FL 32204

Date: 15 December 2022
Contract: Coastal Engineering
Request Made By: Bill Moore, SAISSA Rep.
Request Received By: Albert E. Browder, Ph.D., P.E.
Task Order No: CM1852 TO #44

Task Order: Post Hurricane Nicole Project Design Survey/Analysis
Engineered Beach Nourishment Project
2021 Renourishment: South Amelia Island Shore Stabilization Project

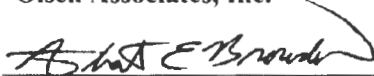
Following the Federal approval of a FEMA Category G disaster declaration for the impacts of Hurricane Nicole (November 2022) to the engineered beaches of the South Amelia Island Shore Stabilization Project (SAISSP), Consultant shall perform those tasks necessary to develop and seek to acquire a Category G Project Worksheet for the beach repairs. The Consultant shall, through a qualified survey subconsultant, collect a full topographic/hydrographic survey of 17 established beach profile transects within the engineered beach project limits (no adjacent profiles). The Consultant shall conduct analyses and prepare a written report describing the design changes and steps required to repair the engineered beaches to their pre-storm condition. The Consultant shall subsequently coordinate with the Client and personnel from the Nassau County Department of Emergency Management, the State of Florida Division of Emergency Management (FL DEM), and the Federal Emergency Management Agency (FEMA) for purposes of finalizing a Project Worksheet to secure FEMA funding assistance for the repairs to the engineered beach project. All work shall be performed on a Lump Sum basis. These services are anticipated to be eligible for FEMA Category G and State cost-sharing.

FEE: \$36,700.00 (Lump Sum)

Requested Completion Date: 60 days from Notice to Proceed

Any Task Order entered into prior to expiration or termination set forth in the CONTRACT shall continue in effect through the earlier of: (i) the date all of the Services thereunder have been fully completed and accepted by Nassau County, or (ii) until such time as such Task Order expires or is terminated in accordance with its terms."

Olsen Associates, Inc.


Albert E. Browder, Ph.D., P.E.

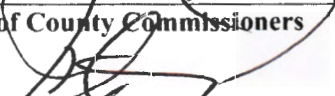
Date: 15 December 2022

SAISSA


Andrew L. Wallace, SAISSA President

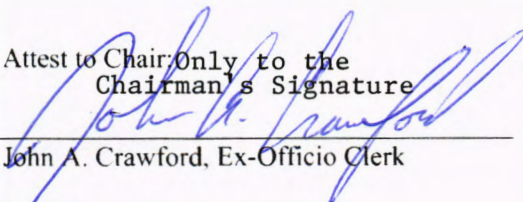
Date: 1/11/23

Nassau County, Board of County Commissioners


Klynt A. Farmer, Board Chairman

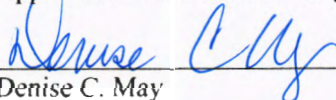
Date: January 23, 2023

Attest to Chair: Only to the
Chairman's Signature


John A. Crawford, Ex-Officio Clerk

Date: January 25, 2023

Approved As To Form and Legal Sufficiency:


Denise C. May

Date: January 23, 2023

MEMORANDUM

Date: 15 December 2022 (rev. 1: 11 Jan 23)

To: Bill Moore – SAISS Project Representative

From: Albert E. Browder, Ph.D., P.E. *AEB*
Senior Engineer, Project Manager

Re: Task Order #44, Contract CM1852
Post-Hurricane Nicole Project Design Survey
2021 Renourishment: South Amelia Island Shore Stabilization Project



Please see the attached Task Order for the survey, analyses, and documentation of post-storm engineered beach conditions along the Atlantic Ocean shoreline of the South Amelia Island Shore Stabilization Project following the impacts of Hurricane Nicole. The survey and analyses are proposed to support the County and SAISSA efforts to secure a Category G FEMA project worksheet and provide the pre-construction (post-storm) beach template information sufficient to quantify and design repairs to the engineered beach nourishment project.

17 beach profile transect surveys shall cover only the engineered beach project limits¹ and shall extend from landward of the original 1994 reconstructed dune feature offshore to the -30 ft contour (roughly 2,500 to 3,000 ft seaward, approx.)². Surveys will be performed by a professional survey firm, under the direction of a Certified Hydrographic Surveyor and shall be consistent with the project's permits and historical monitoring program. Data from the survey shall be compared to the July 2022 full monitoring survey and the November 2022 post-storm wading profiles to determine the losses incurred from the hurricane impact, and to establish the overall condition of the engineered beach project relative to its post-construction condition.

The proposed work is contingent upon receipt of an Emergency Declaration by FEMA for Category G post-disaster public assistance for Nassau County, FL. A request for such assistance has been submitted to FEMA, supported by Preliminary Damage Assessments (PDA) of the beach project.

The work described in this Task Order is expected to be eligible for FEMA/FL-DEM post-disaster cost-sharing reimbursement. Please do not hesitate to contact us with any questions. Thank you.

¹ Only the R-monuments that lie within the SAISSA project limits shall be surveyed, no monitoring profiles north of the fill, nor profiles along the State Park portion of the project, nor half-monument profiles shall be surveyed.

² Standards for the acquisition of monitoring surveys and digital aerial orthophotography will generally follow the State of Florida "Monitoring Standards for Beach Erosion Control Projects."