

CHANGE ORDER APPROVAL FORM

PROJECT: S. Amelia Island Shore Stabilization Project CHANGE ORDER: 1

Biological and Essential Fish Habitat Assessments. DATE: 05/02/18

CONTRACT NUMBER: CM1852 TO23

TO CONTRACTOR: Olsen Associates, Inc.

Reason for Change Order: SAISSA Trustees are recommending an additive CHANGE ORDER to TO23 (CM1852). The change was necessitated by the need to include the review of an additional sand borrow area added the project Scope. The added borrow area requires additional environmental review and description to address alternatives analyses required by the regulatory process for environmental permitting by both the FL Department of Environmental Protection (FDEP) and the U.S. Army Corps of Engineers (USACE). For that reason, additional funds are added to Subtask B of TO23. Thus, the SAISSA Trustees unanimously approved the recommendation as requested and as described below:

- 1. Increase the amount of Subtask B of Task Order #23 in the amount of \$12,200.00.

Original Task Order Sum.....	\$	<u>57,400.00</u>
Net Change by Previous Change Order/Supplemental Agreement.	\$	<u>0.00</u>
Contract Sum Prior to This Change Order.....	\$	<u>57,400.00</u>
Amount of This Change Order (Add/Deduct).....	\$	<u>+12,200.00</u>
New Contract Sum Including this Change Order.....	\$	<u>69,600.000</u>

APPROVED BY: Willie R Moore DATE: 5.11.18
Project Manager (Department Head)

APPROVED BY: Stacy Higin DATE: 5/15/18
Contract Manager

APPROVED BY: [Signature] DATE: 5/16/18
Director of Office of Management & Budget

APPROVED BY: [Signature] DATE: 5-22-18
County Manager

ACCOUNT NO.: 43603539 - 531392

15-16-178

**NASSAU COUNTY - SAISSA
Task Order Memorandum
Contract CM1852**

To: Olsen Associates, Inc.
2618 Herschel St.
Jacksonville, FL 32204
Date: 01 May 2017
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 #23

Task Order: Nassau Sound – Borrow Area Seabed Benthic Study and
Project Biological and Essential Fish Habitat Assessments
Beach Renourishment: South Amelia Island Shore Stabilization Project

Consultant and subconsultant team shall a) conduct a field study to assess the sediments and the benthic organism composition in and adjacent to the proposed borrow area and buffer zone along the northeast edge of Nassau Sound, and b) prepare a project Biological Assessment (BA) and Essential Fish Habitat (EFH) Assessment of the proposed renourishment project and its associated borrow area and buffer zone (Exhibit A). Deliverables for each sub-task shall include a report of findings, prepared by a qualified marine biologist subconsultant and supported by the Engineer, and any relevant correspondence from the regulatory agencies. All products shall be provided to SAISSA in electronic *.PDF format and hardcopy (2 copies). All work shall be performed on a Lump Sum basis.

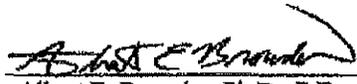
Sub-task a) Field survey \$ 24,000.00 (L.S.)
Sub-task b) Preparation of Biological and Essential Fish Habitat Assessments \$ 33,400.00 (L.S.)

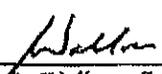
Fee: \$ 57,400.00 (Lump Sum)

Requested Completion Date: A) FY 17, Two (2) months from completion of field work (summer/fall 2017).
B) FY 18, Six (6) months from completion of field work (summer/fall 2017).

Olsen Associates, Inc.

SAISSA


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

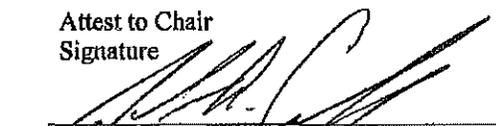

Andrew L. Wallace, SAISSA President

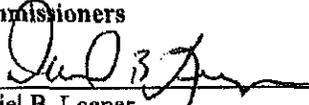
Date: 01 May 2017

Date: 5-10-2017

Attest to Chair
Signature

**Nassau County, Board of County
Commissioners**

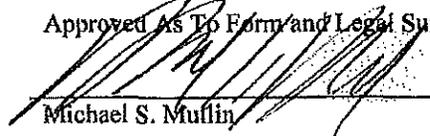

John A. Crawford
It's: Ex-Officio Clerk
MP 6-22-17


Daniel B. Leeper
Its: Chair

Date: June 21, 2017

Date: 6-23-17

Approved As To Form and Legal Sufficiency:


Michael S. Muffin

Date: June 21, 2017

SCOPE OF WORK

Nassau Sound – Borrow Area Seabed Benthic Study and
Project Biological and Essential Fish Habitat Assessments
Beach Renourishment: South Amelia Island Shore Stabilization Project

May 2017

TASK DESCRIPTION

The purpose of the task is to a) conduct a field survey to assess seabed conditions and benthic organism status in and adjacent to the proposed borrow area and buffer zone along the northeast edge of Nassau Sound (Figure 1), and b) prepare a project Biological Assessment (BA) and Essential Fish Habitat (EFH) Assessment of the proposed project and use of the borrow area. The field work component of the work is expected to be performed in the late spring or summer of 2017. The study results and assessment documents produced in this Task Order shall likewise be incorporated into the submittal for the upcoming permitting process for beach renourishment. The documents are required to satisfy conditions of the Endangered Species Act and the Magnuson-Stevens Fishery and Conservation Act, respectively.

Deliverables Deliverables shall include a report of findings, prepared by a qualified marine biologist subconsultant¹ and supported by the Engineer, and any relevant correspondence from the regulatory agencies. All products shall be provided to SAISSA in electronic *.PDF format. Two hardcopies of the report shall be provided to SAISSA.

¹ Ms. Cheryl L. Miller, of Coastal Eco-Group, Inc., of Deerfield Beach, FL, will lead both phases of the study.

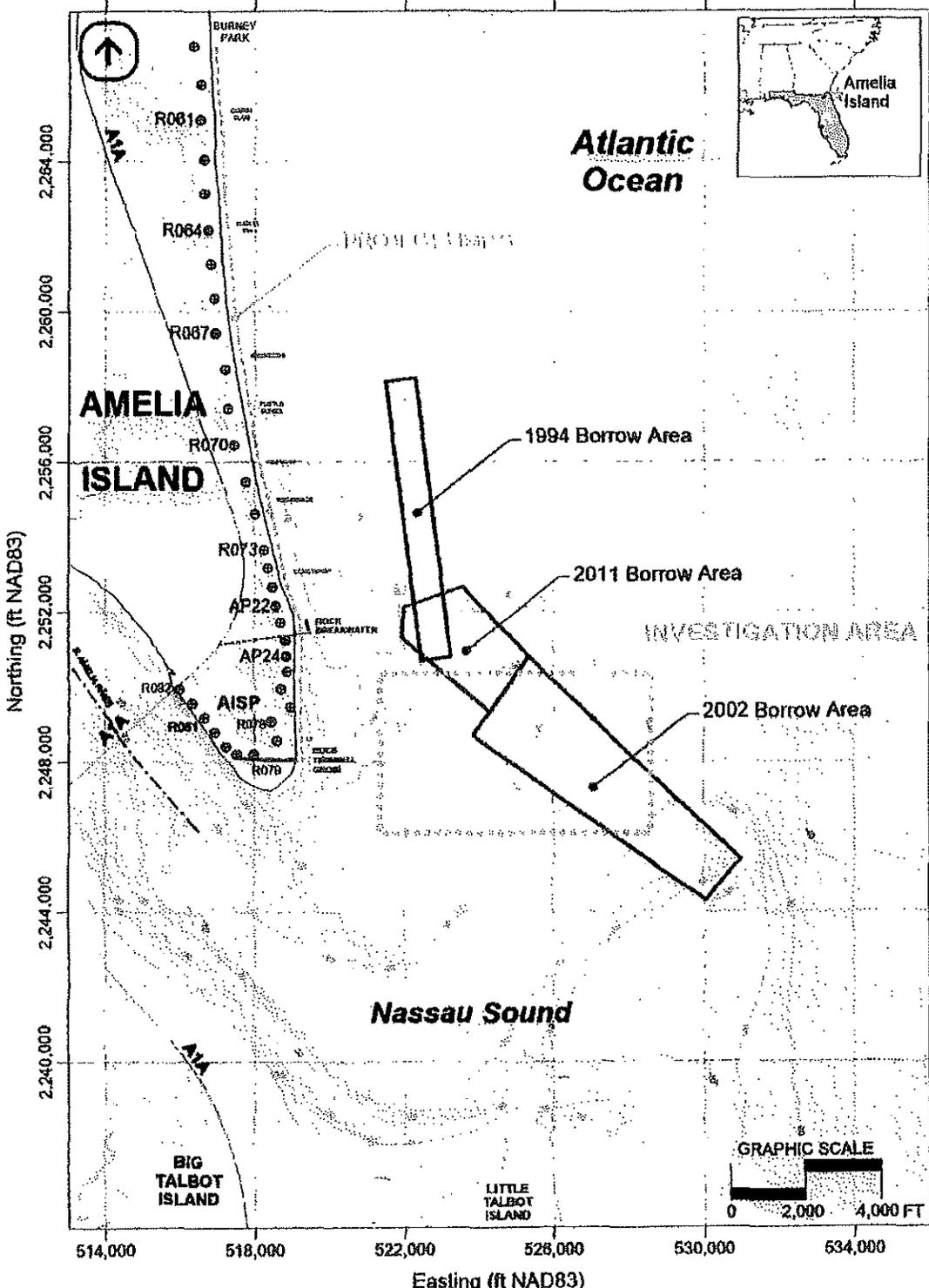


Figure 1 Location Map – South Amelia Island and proposed investigation area at Nassau Sound. Contours in feet (2016).

Potential FDEP Cost-shared Tasks*

Nassau Sound – Borrow Area Seabed Benthic Study and
Project Biological and Essential Fish Habitat Assessments
Beach Renourishment: South Amelia Island Shore Stabilization Project

May 2017

Task	Total Fee	Potential State Cost-Share* (39.21%)	Local Cost-Share (60.79%)
a) Field survey	\$24,000.00	\$ 9,410.40	\$14,589.60
b) BA and EFH Document Preparation	\$33,400.00	\$13,096.14	\$20,303.86
totals	\$57,400.00	\$22,506.54	\$34,893.46

*Portion of 2016-2017 Beach Management Funding Assistance appropriation of \$313,680.00