

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

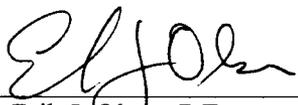
To: Olsen Associates, Inc.
2618 Herschel St.
Jacksonville, FL 32204

Date: 16 January 2014
Contract: Coastal Engineering
Request Made By: SAISSA Rep.
Request Received By: Erik J. Olsen, P.E.
Task Order No: CM 1852-TO 09

Task Order: Phase I Reconnaissance Level Borrow Site Development Activities

The Consultant shall provide reconnaissance level coastal engineering services related to the development of a future borrow site, as well as, alternate sand source "opportunities" located within N.E. Florida. The latter will include strategic disposal of federal project sand; federal data for waters outside the 3-mile limit; the Duval County borrow site, etc. All work will be performed on an hourly basis. Quarterly status reports will be submitted, as required. Invoicing will be on a T&M basis at prevailing rates. The initial NTE budget shall be \$20,000.00.

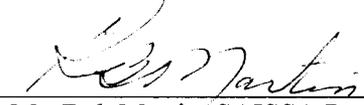
Olsen Associates, Inc.



Erik J. Olsen, P.E.

Date: 16 January 2014

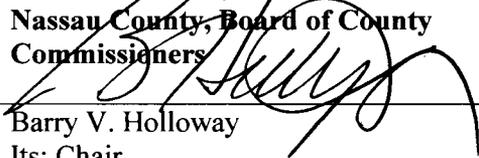
SAISSA



Mr. Bob Martin, SAISSA President

Date: 02/25/14

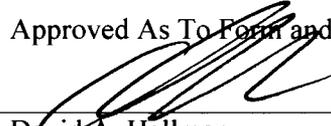
Nassau County, Board of County Commissioners



Barry V. Holloway
Its: Chair

Date: 3-10-14

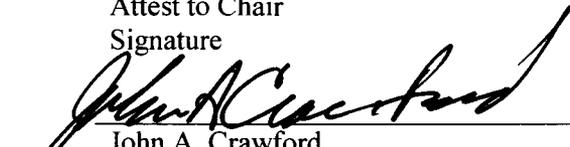
Approved As To Form and Legal Sufficiency:



David A. Hallman

Date: 3-10-14

Attest to Chair
Signature



John A. Crawford
Its: Ex Officio Clerk

Date: 3/12/14

MBS
03-11-14

EXHIBIT "A"

MEMORANDUM



olsen
associates, inc.
Coastal Engineering

TO: SAISSA Board of Directors
FROM: Erik J. Olsen, P.E. EJO
DATE: 16 January 2014
RE: Task Order 2014-03 – Borrow Site Development
Reconnaissance Level Activities

At the Board Meeting held on January 10, I discussed my intent to submit for your consideration a Task Order allowing for certain borrow site related reconnaissance level activities to be performed by OAI during calendar year 2014. This includes liaison with the Jacksonville District, COE; U.S. Navy and others related to potential future sand sources located within the St. Mary's River channel and upland disposal sites. OAI would also seek to locate and assemble any geotechnical data produced by federal agencies for sand sources located beyond the 3-mile limit.

Investigations leading up to borrow site development for the third renourishment of the SAISSA engineered beach project will need to extend beyond the conventional sand sources developed to date since the latter are essentially depleted. This task constitutes a very low level engineering effort intended to begin to evaluate alternate sand sources, or sand source "opportunities."

Thank you for your consideration in this matter.

EJO/

EXHIBIT "B"

MEMORANDUM



olsen
associates, inc.
Coastal Engineering

TO: Bill Moore; SAISSA
FROM: Erik J. Olsen, P.E. EJO
DATE: 4 February 2014
RE: Future Borrow Site Development

In your future budgeting, we have requested two (2) borrow site development tasks, each with a theoretical budget of \$300K. At this stage they should be considered to be "placeholders" representative of two (2) scenarios. Should borrow site development occur in State Waters, within close proximity of S. Amelia Island, we are looking at a budget of \$300K, mol. Should we need to develop a borrow site in Federal Waters, the cost will increase substantially. Any such development beyond State Waters is coordinated (and permitted) through a federal agency (BOEM) which necessitates a complete different set of standards and protocol for investigations which result in substantial additional work. Hence, the recommendation for a larger *potential* upset budget.

Before we would attempt to develop any major borrow site plan of study, we want to perform certain reconnaissance level analyses looking at "options" for consideration by the Board. That work is to be performed in the current and next fiscal cycles.

Hopefully, this better explains the recommendation for a borrow site development budget which exceeds historical costs for such investigations.

Thank you for your consideration in this matter.