

**ADDENDUM TO AGREEMENT  
BETWEEN  
OLSEN ASSOCIATES  
AND  
BOARD OF COUNTY COMMISSIONERS  
OF NASSAU COUNTY, FLORIDA**

**WHEREAS**, Olsen Associates, a Florida Corporation, and the Board of County Commissioners of Nassau County, Florida, a political subdivision of the State of Florida, entered into an agreement on November 5, 1999; and

**WHEREAS**, in accordance with said contract, Olsen shall provide services required to perform a Year-4 Structural Field Monitoring Study. Olsen shall likewise provide liaison and coordination with the Jacksonville District, Corp of Engineers, FDEP, F.I.N.D., and others related to a Year 2000 Beach Disposal Project at South Amelia Island; and

**WHEREAS**, the Year-4 Post Construction Monitoring Study for the existing SAISSA terminal groin field indicates that permit conditions have been exceeded thereby requiring certain mitigative efforts to be initiated by the Permittee; and

**WHEREAS**, the Board of County Commissioners finds it necessary to amend said contract to include a scope of work for Task B, which would provide for engineering liaison and coordination with the Jacksonville District, Corps of Engineers for purposes of allowing for optimized beach disposal. The work would include the formulation of certain plans suitable for incorporation into the Corps of Engineers design documents and assistance with easements. Similarly, the Consultant would coordinate with the Division of Recreation and Parks as well as the office of Beach and Coastal Systems, FDEP.

NOW, THEREFORE, FOR AND IN CONSIDERATION of the sum of Ten and No/100 Dollars (\$10.00) on this 22nd day of February, 2000 the parties agree as follows:

1. **PROJECT NAME/LOCATION:** South Amelia Island Beach Disposal project (TASK B as set forth in the attached Exhibit "B")

2. **SCOPE/INTENT AND EXTENT OF SERVICES:** Engineering liaison and coordination with the Jacksonville District, Corps of Engineers, for purposes of allowing for optimized beach disposal.

3. **FEE ARRANGEMENT:** Time and Materials basis. Not to exceed \$25,500.

4. **HOURLY RATES:** The hourly rates associated with this project set forth in Exhibit "B" shall be:

Principal:	\$143/hr
Senior Engineer:	\$114/hr
Engineer/Sr. Designer:	\$70-93/hr
Draftsperson:	\$ 53/hr
Administrative:	\$ 42/hr
CADD:	\$ 63/hr

5. **BILLINGS/PAYMENTS:** Olsen Associates shall submit bills monthly for approval to the county providing details as required by county, that include a breakdown of work performed, individuals involved, individuals Olsen has met with, etc. The final payment shall be withheld by the County until the County receives notification that the plan is complete and accepted. All billings/payments shall be governed by the Prompt Payment Act.

6. **MEDIATION:** Any dispute arising under this contract, which is not disposed of by agreement, shall be decided by a mediator, who shall reduce his/her decision to writing and furnish a copy to both parties. Claims, disputes, or other matters in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be submitted to mediation in accordance with mediation rules as established by the Florida Supreme Court. Mediators shall be chosen from the Supreme Court approved list of mediators in the Fourth Judicial Circuit and the cost of mediation shall be borne by the consultant/contractor. The decision of the mediator shall be final and conclusive unless determined by a court of competent jurisdiction to be fraudulent, capricious, arbitrary, or so grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence.

7. The County shall designate the individual who shall review and recommend approval of the invoices. If the County's designee approves the invoices, they shall be submitted to the County Coordinator for his review and then to the Clerk for his review and submitted to the Board of County Commissioners for consideration.

8. If the County's designee, County Coordinator or Clerk does not approve the invoices, Olsen may request a meeting with the designee, County Coordinator and Clerk to review the invoices and if there is no resolution, Olsen may request that the Board of County Commissioners address the invoice(s).

9. The County's designee shall be the Director of Public Works or his designee.

10. All other provisions of the existing contract shall be in full force and effect.

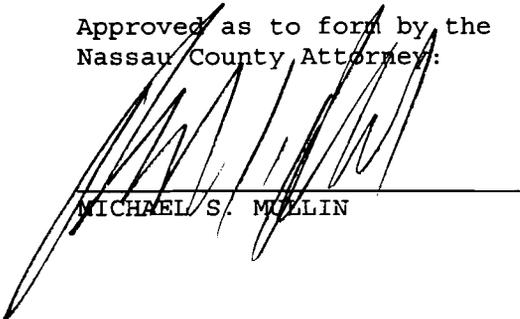
BOARD OF COUNTY COMMISSIONERS  
NASSAU COUNTY, FLORIDA

  
NICK D. DEONAS  
Its: Chairman

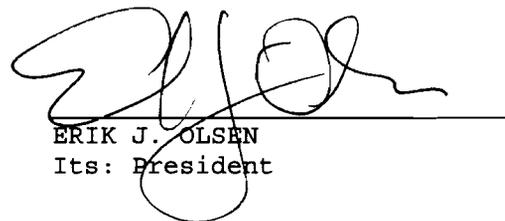
ATTEST:

  
J. M. "CHIP" OXLEY JR.  
Ex-Officio Clerk

Approved as to form by the  
Nassau County Attorney:

  
MICHAEL S. MULLIN

OLSEN ASSOCIATES, INC.

  
ERIK J. OLSEN  
Its: President

**EXHIBIT B**

**TASK B - *South Amelia Island Beach Disposal Project***

In 1997, a small scale beach disposal project was constructed by the Jacksonville District, USACOE. The sand originated from the maintenance dredging of the Atlantic Intracoastal Waterway (AIWW) to the west of the Nassau Sound bridge. The disposal plan was formulated by local interests and implemented by the USACOE. The material was placed from a point some 500 feet to the north of the terminal groin field southward throughout the State Park. The purpose of the work was to mitigate ongoing shoreline erosion -- due partially to natural causes and partially due to groin construction.

The Year-4 Post-Construction Monitoring Study (submitted January, 2000) for the existing SAISSA terminal groin field indicates that Permit Conditions have been exceeded thereby requiring certain mitigative efforts be initiated by the Permittee. The study concludes that the most effective near term mitigative action would be the strategic placement of some 200,000 cy of beach quality sand available from the next scheduled AIWW maintenance dredging downdrift of the groin field.

Continuing discussions with the Jacksonville District confirm the scheduling of construction of a second beach disposal project in the summer of 2000. The sand would again be the result of maintenance dredging of the AIWW. The scope-of-services for this Task would provide for engineering liaison and coordination with the Jacksonville District, Corps of Engineers for purposes of allowing for optimized beach disposal. The work would include the formulation of certain plans suitable for incorporation into the Corps of Engineers design documents and assistance with easements. Similarly, the Consultant would coordinate with the Division of Recreation and Parks as well as the Office of Beaches and Coastal Systems, F.D.E.P. Specific known contacts in that regard include: Don Fore, Jax COE; Keith Mille, O.B. & C.S.; Bob Joseph, Park Superintendent; A.I.S.R.A. Technical Advisory Committee; Mike Bullock, Florida Park Service (Tallahassee) and others.

It is noted that the effective "value" of the sand resource involved exceeds \$1M for the FY 2000 work under consideration.

A G R E E M E N T

THIS AGREEMENT entered into this 5<sup>th</sup> day of Nov, 1999, by and between **OLSEN ASSOCIATES**, a Florida corporation, hereinafter referred to as "Olsen", and the **BOARD OF COUNTY COMMISSIONERS OF NASSAU COUNTY, FLORIDA**, a political subdivision of the State of Florida, hereinafter referred to as "County".

FOR and IN CONSIDERATION of ten and no/100 dollars (\$10.00), and other mutually agreed upon consideration, the parties agree as follows:

1. Project Number: Nassau/DEP.
2. Project name/Location: Professional Services - Terminal Groin Field Monitoring (TASK A - as set forth in the attached Exhibit "A").
3. Scope/Intent and Extent of Services: Olsen shall provide services required to perform a Year-4 Structural Field Monitoring Study. Olsen shall likewise provide liaison and coordinator with the Jacksonville District, COE, F.D.E.P., F.I.N.D., and others related to a Year 2000 Beach Disposal project at South Amelia Island. Scopes of work for this task is attached as Exhibit "A".
4. Fee Arrangement: Monitoring Report Fee \$24,500.00 L.S.
5. Special Conditions: Invoicing for monitoring shall be monthly on a percentage completion basis. Liaison/Coordination invoices shall be monthly on a T & M basis.
6. Access to Site: Unless otherwise stated, Olsen will have

access to the site for activities necessary for the performance of the services.

7. Fees: The total fee is \$24,500.00 lump sum.

8. Expert Witness: All hourly rates associated with Administrative Hearings, expert witness testimony, depositions, etc., if needed, shall be burdened by a factor of 1.5. The 1999 rates are as follows:

Principal:	\$143/hr.	Draftsperson:	\$53/hr
Senior Engineer:	\$114/hr.	Administrative:	\$42/hr.
Engineer/Sr. Designer	\$70-93/hr	CADD:	\$63/hr.

9. Billings/Payments: All billings/payments shall be governed by the Prompt Payment Act.

10. Indemnification: The County shall indemnify and hold harmless Olsen and all of its personnel from and against any and all claims, damages, losses, and expenses (including reasonable attorney's fees) arising out of or resulting from the performance of the services, provided that any such claim, damage, loss, or expense is caused in whole or in part by the negligent act, omission, and/or strict liability of the County, anyone directly or indirectly employed by the County (except Olsen), or anyone for whose acts any of them may be liable.

11. Risk Allocation: In recognition of the relative risks, rewards, and benefits of the project to both the County and to Olsen, the risks have been allocated such that the County agrees

that, to the fullest extent permitted by law, Olsen's total liability to the County for any and all injuries, claims, losses, expenses, damages, or claim expenses arising out of this Agreement from any cause or causes, shall not exceed the lump-sum amount. Such causes include, but are not limited to, Olsen's negligence, errors, omission, strict liability, breach of contract, or beach of warranty.

12. Termination of Services: This Agreement may be terminated by the County or by Olsen should the other fail to perform its obligations hereunder. In the event of termination, the County shall pay Olsen for all services rendered to the date of termination, all reimbursable expenses, and reimbursable termination expenses.

13. Disputes: Any dispute arising under this Agreement, which is not disposed of by agreement, shall be decided by a mediator, who shall reduce his/her decision to writing and furnish a copy to both parties. Claims disputes, or other matters in

(Intentionally left blank.)

question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be submitted to mediation in accordance with mediation rules as established by the Florida Supreme Court. Mediators shall be chosen from the Supreme Court approved list of mediators in the Fourth Judicial Circuit, and the Cost of mediation shall be borne by Olsen. The decision of the mediator shall be final and conclusive unless determined by a court of competent jurisdiction to be fraudulent, capricious, arbitrary, or so grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence.

15. Ownership of Documents: All documents produced by Olsen under this Agreement shall remain the property of Olsen and may not be used by the County for any other endeavor without the written consent of Olsen.

16. Applicable Laws: Unless otherwise specified, this Agreement shall be governed by the laws of the State of Florida.

BOARD OF COUNTY COMMISSIONERS  
NASSAU COUNTY, FLORIDA

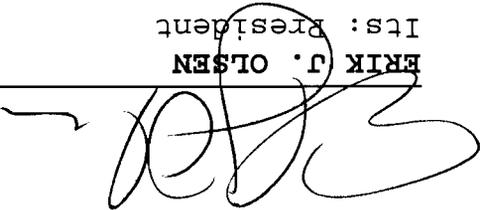
  
\_\_\_\_\_  
J. H. COOPER  
Its: Chairman  
Approved October 25, 1999  
18

ATTEST:

  
\_\_\_\_\_  
J. M. "CHIP" OXLEY, JR.  
Its: Ex-Officio Clerk

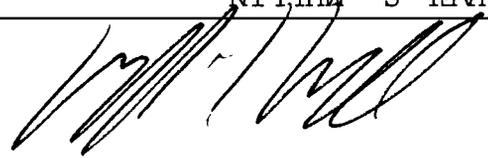
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ERIK J. OLSEN  
Its: President



OLSEN ASSOCIATES, INC.

MICHAEL S. MULLIN



Approved as to form by the  
Nassau County Attorney

EXHIBIT "A"

**TASK A - SOUTH AMELIA ISLAND STRUCTURAL FIELD MONITORING - YEAR 4**

In 1994, local interested constructed a beach fill project along the southernmost 1700 feet of oceanfront shoreline at Amelia Island, Florida. As an adjunct to the fill, a temporary groin field, constructed of sand-filled geo-textile tubes, was installed in 1995.

Permit terms for the temporary structure field required three (3) years of post-construction monitoring which was performed by Olsen Associates, Inc., between 1995 and 1998. The work addressed by this scope will provide for the requisite survey, analyses, and report formulation for Monitoring Report No. 4. For purposes of comparison, the survey will be performed in August, or as closely thereafter as possible. The work will include one (1) set of oblique aerial photography of the south end of Amelia Island. The report format will be identical to that utilized for years one through three. Fifteen (15) copies of the Final Report will be submitted.

A G R E E M E N T

THIS AGREEMENT entered into this 5<sup>th</sup> day of Nov 1999, 1999, by and between **OLSEN ASSOCIATES**, a Florida corporation, hereinafter referred to as "Olsen", and the **BOARD OF COUNTY COMMISSIONERS OF NASSAU COUNTY, FLORIDA**, a political subdivision of the State of Florida, hereinafter referred to as "County".

FOR and IN CONSIDERATION of ten and no/100 dollars (\$10.00), and other mutually agreed upon consideration, the parties agree as follows:

1. Project Number: Nassau/DEP.
2. Project name/Location: Professional Services - South Amelia Island Terminal Structure or Structural Field - Phase I Professional Services.
3. Scope/Intent and Extent of Services: Olsen shall perform a Phase I Study in accordance with the attached Scope of Work and schedule attached as Exhibit "A". Future phases of work will be negotiated at a later date and are contingent upon Phase I findings, funding availability, etc. Olsen shall assist in acquiring continuing DEP cost-sharing.
4. Fee Arrangement: Phase I Project Cost - \$110,000.00 (fixed fee). This includes all subcontract costs and other direct expenses.
5. Retainer Amount: Invoicing will be monthly and based upon percentage completed.

6. Access to Site: Unless otherwise stated, Olsen will have access to the site for activities necessary for the performance of the services.

7. Fees: The total fee is \$110,000.00 fixed fee.

8. Expert Witness: All hourly rates associated with Administrative Hearings, expert witness testimony, depositions, etc., if needed, shall be burdened by a factor of 1.5. The 1999 rates are as follows:

Principal:	\$143/hr.	Draftsperson:	\$53/hr
Senior Engineer:	\$114/hr.	Administrative:	\$42/hr.
Engineer/Sr. Designer	\$70-93/hr	CADD:	\$63/hr.

9. Billings/Payments: All billings/payments shall be governed by the Prompt Payment Act.

10. Indemnification: The County shall indemnify and hold harmless Olsen and all of its personnel from and against any and all claims, damages, losses, and expenses (including reasonable attorney's fees) arising out of or resulting from the performance of the services, provided that any such claim, damage, loss, or expense is caused in whole or in part by the negligent act, omission, and/or strict liability of the County, anyone directly or indirectly employed by the County (except Olsen), or anyone for whose acts any of them may be liable.

11. Risk Allocation: In recognition of the relative risks, rewards, and benefits of the project to both the County and to

Olsen, the risks have been allocated such that the County agrees that, to the fullest extent permitted by law, Olsen's total liability to the County for any and all injuries, claims, losses, expenses, damages, or claim expenses arising out of this Agreement from any cause or causes, shall not exceed the filed fee amount. Such causes include, but are not limited to, Olsen's negligence, errors, omission, strict liability, breach of contract, or beach of warranty.

12. Termination of Services: This Agreement may be terminated by the County or by Olsen should the other fail to perform its obligations hereunder. In the event of termination, the County shall pay Olsen for all services rendered to the date of termination, all reimbursable expenses, and reimbursable termination expenses.

13. Disputes: Any dispute arising under this Agreement, which is not disposed of by agreement, shall be decided by a mediator, who shall reduce his/her decision to writing and furnish a copy to both parties. Claims disputes, or other matters in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be submitted to mediation in accordance with mediation rules as established by the Florida Supreme Court. Mediators shall be chosen from the Supreme Court approved list of mediators in the Fourth Judicial Circuit, and the Cost of mediation shall be borne by Olsen. The decision of

the mediator shall be final and conclusive unless determined by a court of competent jurisdiction to be fraudulent, capricious, arbitrary, or so grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence.

14. Ownership of Documents: All documents produced by Olsen under this Agreement shall remain the property of Olsen and may not be used by the County for any other endeavor without the written consent of Olsen.

15. Applicable Laws: Unless otherwise specified, this Agreement shall be governed by the laws of the State of Florida.

BOARD OF COUNTY COMMISSIONERS  
NASSAU COUNTY, FLORIDA

  
\_\_\_\_\_  
J. H. COOPER  
Its: Chairman  
Approved October 18, 1999  
25

ATTEST:

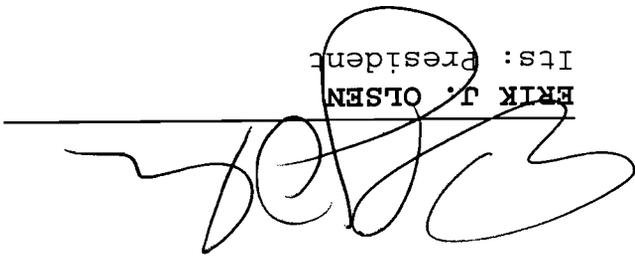
  
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S. M. "CHIP" OXLEY, JR.  
Its: Ex-Officio Clerk

Approved as to form by the  
Nassau County Attorney

  
\_\_\_\_\_  
MICHAEL S. MULLIN

(Signatures continue on next page)

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 \_\_\_\_\_

ERIK J. OLSEN  
 Its: President

OLSEN ASSOCIATES, INC.

**PROFESSIONAL SERVICES**  
**for**  
**DESIGN, PERMITTING AND CONSTRUCTION MANAGEMENT**  
**of a**  
**TERMINAL STRUCTURE OR STRUCTURAL FIELD**  
**SOUTH AMELIA ISLAND, FL.**

***BACKGROUND***

The purpose of the proposed project is to reduce the end losses from the S.A.I.S.S.A. beach restoration project, constructed in 1994, and stabilize the ocean shoreline in the State Recreation Area. The design intent is therefore to improve both private and public properties. The fill project covered 3.2 miles of shoreline extending between American Beach and the south end of South Amelia Island State Recreation Area bordering Nassau Sound. An interim terminal structure field was constructed by S.A.I.S.S.A. in 1995. Four "temporary" groins were constructed at that time utilizing sand-filled geotextile tubes (see RFQ cover). Three years of post-construction monitoring by Olsen Associates, Inc., the engineer-of-record for both projects, indicate that the groin field has significantly reduced fill losses from the beach nourishment project to Nassau Sound. Accordingly, consideration of a permanent structure, or structural field is presently warranted at the south end of Amelia Island to provide for long-term beach stabilization. Such a structure, or structure field, will need to be consistent with existing and future recreational activities at that location, including fishing interests. Consideration will be given to utilizing the structure or structures as fishing platforms or, at the least, as fish habitat.

***SCOPE/APPROACH***

***Phase I - Feasibility Study/Conceptual Design***

Olsen Associates, Inc. proposes to provide coastal engineering services, required for a Phase I Feasibility Study, that include the following tasks:

- An updated hydrographic survey of the south end of Amelia Island and portions of the SRA interior shoreline,
- Updated aerial photography,
- Review, update and analyses of all relevant South Amelia monitoring data obtained since 1994,

- A projection of near-term shoaling and morphological changes along Amelia Island State Recreation Area (SISRA) shoreline since beach restoration in 1994,
- A review of any relevant environmental resource issues or factors,
- Liaison with the Florida Park Services regarding the relevant Park Geo-Unit Plan for South Amelia Island,
- Engineering analyses utilizing empirically-based design formulas and, if warranted, numerical modeling of one or more alternatives. Modeling may take the form of wave refraction analyses and estimates of littoral transport potential along south Amelia Island.
- Coordination with Nassau County staff regarding future park development plans under consideration by local interests,
- Conceptual designs for various structural alternative solutions (i.e., single versus multiple structure approaches),
- Design analyses for linear versus T-head type groin structures,
- Consideration of ancillary (groin field) beach disposal projects from the continuing maintenance dredging of the A.I.W.W.,
- An evaluation of recent D.O.T. bridge construction on south Amelia Island,
- Fishing interest/beach recreation considerations,
- Economic analyses of alternative solutions and probable costs-to-construct,
- Recommendation of a preferred solution,
- Formulation of schematics suitable for permit submittal,
- Formulation of a detailed Report-of-Findings,
- Liaison with the Florida D.E.P. and local interests regarding future Beach Management Grants required for project implementation (i.e., Phase II & III Activities).

**TERMINAL STRUCTURE OR STRUCTURAL FIELD  
SOUTH AMELIA ISLAND, FLORIDA**

**PHASE I - FEASIBILITY STUDY**

**PROJECT SCHEDULE  
(From Notice-To-Proceed)**

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- Hydrographic Survey - 30 days
- Aerial Photography - 60 days
- Analysis of Historical Survey Data - 90 days
- Alternatives Analysis - 120 days
- Report Preparation - 180 days
- Presentation of Results to Board of County Commissioners - 180 days
- Final Report Submittal - 210 days
- Liaison with State and Local Interests - Continuous throughout Contract
- Grant Assistance - As required

November 8, 1999



Coastal Engineering

Mr. J.M. "Chip" Oxley, Jr.  
Ex-Officio Clerk  
Nassau County  
P.O. Box 1010  
Fernandina Beach, FL 32035-1010

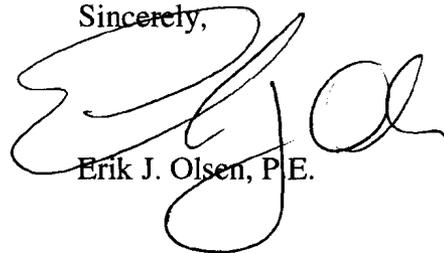
Re: Coastal Engineering Contracts

Dear Chip:

Pursuant to your request, we have executed the two (2) original contracts between Olsen Associates, Inc. and Nassau County. We will consider an NTP date to be November 5, 1999.

Thank you for your consideration in this matter.

Sincerely,



Erik J. Olsen, P.E.

EJO:lfm

Enc:

**olsen**  
associates, inc.

4438 Herschel Street  
Jacksonville, FL 32210  
(904) 387-6114  
(Fax) 384-7368

A G R E E M E N T

THIS AGREEMENT entered into this 28TH day of August, 2000, by and between **OLSEN ASSOCIATES, INC., a Florida corporation**, hereinafter referred to as "Olsen", and the **BOARD OF COUNTY COMMISSIONERS OF NASSAU COUNTY, FLORIDA, a political subdivision of the State of Florida**, hereinafter referred to as "County".

WHEREAS, Olsen has performed work for the County in its capacity as the South Amelia Island Shore Stabilization (SAISS); and

WHEREAS, work required pursuant to the original work orders is on going, and the permits require yearly monitoring; and

WHEREAS, the Board of County Commissioners finds that it is necessary to amend the Agreement dated November 5, 1999.

FOR and IN CONSIDERATION of ten and no/100 dollars (\$10.00), and other mutually agreed upon consideration, the parties agree as follows:

1. Project Number: Nassau/DEP.
2. Project Name/Location: Professional Services - Terminal Groin Field Monitoring (TASK A - as set forth in the attached Exhibit "A"

3. Scope/Intent and Extent of Services: Olsen shall provide services required to perform an annual Structural Field Monitoring Study. Olsen shall provide associated liaison and coordination with F.D.E.P., S.A.I.S.S.A., and Nassau County related to the Work. Scope of work for this task is set forth in the attached Exhibit "A".

4. Fee Arrangement: Monitoring Survey and Report Fee \$25,725.00 lump sum.

5. Special Conditions: Invoicing for monitoring shall be monthly on a percentage completion basis.

6. Access to Site: Unless otherwise stated, Olsen will have access to the site for activities necessary for the performance of the services.

7. Fees: The total fee is \$25,725.00 lump sum.

8. Billings/Payments: All billings/payments shall be governed by the Prompt Payment Act.

9. Risk Allocation: In recognition of the relative risks, rewards, and benefits of the Project to both the County and to Olsen, the risks have been allocated such that the County agrees that, to the fullest extent permitted by law, Olsen's total liability to the County for any and all injuries, claims, losses, expenses, damages, or claim expenses arising out of this Agreement for any cause or causes, shall not exceed the lump-sum amount. Such

causes include, but are not limited to, Olsen's negligence, errors, omission, strict liability, breach of contract, or breach of warranty.

10. Termination of Services: This Agreement may be terminated by the County or by Olsen should the other fail to perform its obligations hereunder. In the event of termination, the County shall pay Olsen for all services rendered to the date of termination, all reimbursable expenses, and reimbursable termination expenses.

11. Disputes: Any dispute arising under this Agreement, which is not disposed of by agreement, shall be decided by a mediator, who shall reduce his/her decision to writing and furnish a copy to both parties. Claims disputes or other matters in question between the parties to this Agreement arising out of or relating to this Agreement or breach thereof shall be submitted to mediation in accordance with mediation rules as established by the Florida Supreme Court. Mediators shall be chosen from the Supreme Court approved list of mediators in the Fourth Judicial Circuit, and the cost of mediation shall be borne by Olsen. The decision of the mediator shall be final and conclusive unless determined by a court of competent jurisdiction to be fraudulent, capricious, arbitrary, or so

grossly erroneous as to necessarily imply bad faith or not supported by substantial evidence.

12. Term: This Agreement is an annual contract and may be renewed annually upon the written request of either party. Said written request shall be tendered at least thirty (30) days prior to June 1 of each year. If the parties agree to renew the contract, the fee shall be negotiated prior to November 1, and must be agreed to by both parties.

13. Ownership of Documents: All documents produced by Olsen under this Agreement shall remain the property of Olsen and may not be used by the County for any other endeavor without the written consent of Olsen.

14. Applicable Laws: Unless otherwise specified, this Agreement shall be governed by the laws of the State of Florida.

BOARD OF COUNTY COMMISSIONERS  
NASSAU COUNTY, FLORIDA



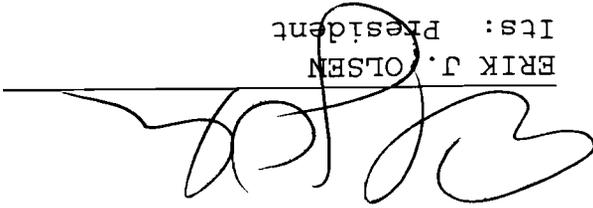
NICK D. DEONAS  
Its: Chairman

ATTEST:

  
\_\_\_\_\_  
J. M. "Chip" OXLEY, JR.  
Its: Ex-Officio Clerk

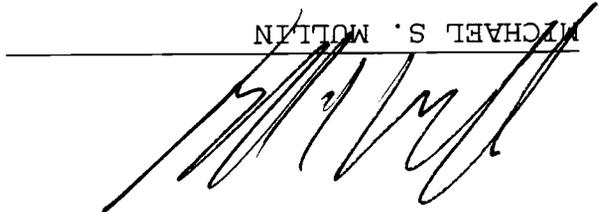
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ERIK J. OLSEN  
Its: President



OLSEN ASSOCIATES, INC.

MICHAEL S. MOLLIN



Approved as to form by the  
Nassau County Attorney

EXHIBIT "A"

**TASK A - SOUTH AMELIA ISLAND STRUCTURAL FIELD MONITORING -  
YEAR 5**

In 1994, local interests constructed a beach fill project along the southernmost 1,270 feet of oceanfront shoreline at Amelia Island, Florida. As an adjunct to the fill, a temporary groin field, constructed of sand-filled geo-textile tubes, was installed in 1995.

Permit terms for the temporary structure field have required four (4) years of post-construction monitoring which was performed by Olsen Associates, Inc., between 1995 and 1999. The work addressed by this scope will provide for the requisite survey, analyses, and report formulation for Monitoring Report No. 5. For purposes of comparison, the survey will be performed in August, or as closely thereafter as possible. The work will include one (1) set of oblique aerial photography of the south end of Amelia Island. The report format will be identical to that utilized for years one through three. Fifteen (15) copies of the Final Report will be submitted.

u



**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
P.O. Box 1010  
Fernandina Beach, Florida 32035-1010

Nick Deonas  
David C. Howard  
Pete Cooper  
Floyd L. Vanzant  
Marianne Marshall

Dist. No. 1 Fernandina Beach  
Dist. No. 2 Fernandina Beach  
Dist. No. 3 Yulee  
Dist. No. 4 Hilliard  
Dist. No. 5 Callahan

JOSEPH M. "Chip" OXLEY, JR.  
Ex-Officio Clerk

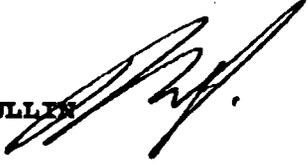
MICHAEL S. MULLIN  
County Attorney

WALTER D. GOSSETT  
County Coordinator

**M E M O R A N D U M**

VIA FAX TRANSMITTAL

**TO:** J. M. "Chip" OXLEY, JR.  
WALT GOSSETT  
BILL MOORE

**FROM:** MICHAEL S. MULLIN 

**SUBJECT:** OLSEN CONTRACT

**DATE:** August 23, 2000

\*\*\*\*\*

Enclosed is a revised draft of the Agreement with Olsen. This draft includes changes requested by Erik.

Please review and advise as soon as possible.

/am

Enclosure



**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
P. O. Box 1010  
Fernandina Beach, Florida 32035-1010

Nick Deonas  
David C. Howard  
Pete Cooper  
Floyd L. Vanzant  
Marianne Marshall

Dist. No. 1 Fernandina Beach  
Dist. No. 2 Fernandina Beach  
Dist. No. 3 Yulee  
Dist. No. 4 Hilliard  
Dist. No. 5 Callahan

JOSEPH M. "Chip" OXLEY, JR.  
Ex-Officio Clerk

MICHAEL S. MULLIN  
County Attorney

WALTER D. GOSSETT  
County Coordinator

September 5, 2000

Erik J. Olsen, P.E.  
Olsen Associates, Inc.  
4438 Herschel Street  
Jacksonville, FL 32210

Dear Mr. Olsen:

Enclosed is an original agreement for professional services related to the annual Structural Field Monitoring Study as approved by the Nassau County Board of County Commissioners on August 28, 2000. Please execute this document and return it to this office for processing. A fully executed, certified copy will be returned for your files.

Please let us know if we may be of any assistance.

Sincerely,

J. M. "Chip" Oxley, Jr.  
Ex-Officio Clerk

jmg

Enclosure