

**CITY OF POMPANO BEACH
FLORIDA**

PROFESSIONAL CONSULTING AGREEMENT No. 1621

with

Sea Diversified, Inc.



***CONTINUING CONTRACT FOR ENGINEERING SERVICES
for
Marine Engineering Services***

CONTRACT FOR PROFESSIONAL CONSULTING SERVICES

This Contract is made on _____, by and between the City of Pompano Beach, a municipal corporation of the State of Florida, hereinafter referred to as "CITY," and Sea Diversified, Inc. a Florida Corporation, hereinafter referred to as the "Consultant".

WHEREAS, the Consultant is able and prepared to provide such services as City requires under the terms and conditions set forth herein; and

WHEREAS, the City Commission has approved the recommendation that Consultant be employed by the City and authorized the negotiation of contractual terms.

NOW, THEREFORE, in consideration of the mutual promises herein, the City and the Consultant agree as follows:

ARTICLE 1 – SERVICES/CONSULTANT AND CITY REPRESENTATIVES

The Consultant's responsibility under this Contract is to provide professional consulting services as more specifically set forth in RLI No. E-07-22, and Consultant's response attached hereto as Exhibit A and incorporated herein in its entirety.

The Consultant's representative shall be

The CITY's representative shall be City Engineer or designee,

ARTICLE 2 – TERM

The CONSULTANT shall adhere to the schedule given in each work authorization after receiving the "Notice to Proceed."

Reports and other items shall be delivered or completed in accordance with the detailed schedule set forth in individual Work Authorizations as negotiated.

The Term of this Contract shall be for an initial period of five (5) years from the date of execution by both the City and the Consultant.

ARTICLE 3 – PAYMENTS TO CONSULTANT

A. City agrees to pay Consultant in consideration for its services described herein. It is the intention of the parties hereby to ensure that unless otherwise directed by the City in writing, Consultant will continue to provide services as specified in Exhibit A for the term of this Contract.

B. Price Formula. City agrees to pay Consultant as negotiated on a Work Authorization basis. Each work authorization shall specifically identify the scope of the work to be performed and the fees for said services. As set forth in RLI No. E-07-22, professional services under this contract will be restricted to those required for any project for which construction costs will not exceed four Million Dollars (\$4,000,000.00), and for any study activity fees shall not exceed five hundred thousand dollars (\$500,000.00).

C. Fee Determination. Each individual Work Authorization may be negotiated for fees to be earned by Time and Materials with a Not to Exceed Amount, Lump Sum, or a combination of both methods for subtasks contained therein. The total amount to be paid by the City under a Work Authorization shall not exceed specified amounts for all services and materials including “out of pocket” expenses as specified in Paragraph E below and also including any approved subcontracts unless otherwise agreed in writing by both parties. The Consultant shall notify the City’s Representative in writing when 90% of the “not to exceed amount” for the total Work Authorization has been reached. The Consultant will bill the City on a monthly basis, or as otherwise provided. Time and Materials billing will be made at the amounts set forth in Exhibit B for services rendered toward the completion of the Scope of Work. Where incremental billings for partially completed items are permitted, the total billings shall not exceed the estimated percentage of completion as of the billing date. It is acknowledged and agreed to by the Consultant that the dollar limitation set forth in this section is a limitation upon and describes the maximum extent of City’s obligation to pay Consultant, but does not include a limitation upon Consultant’s duty to perform all services set forth in Exhibit A for the total compensation in the amount or less than the guaranteed maximum stated above.

D. Invoices received by the City from the Consultant pursuant to this Contract will be reviewed and approved in writing by the City’s Representative, indicating that services have been rendered in conformity with the Contract, and then will be sent to the City’s Finance Department for payment. All invoices shall contain a detailed breakdown of the services provided for which payment is being requested. In addition to detailed invoices, upon request of the City’s representative, Consultant shall provide City with detailed periodic Status Reports on the project. All invoice payments by City shall be made after the Work has been verified and completed. Unless disputed by City as provided herein, upon City’s receipt of a Proper Invoice as defined in §218.72, Florida Statutes, as amended, City shall forward Consultant payment for work performed within forty five (45) days for all goods and services provided.

City may temporarily remove for review any disputed amount, by line item, from an invoice and shall timely provide Consultant written notification of any such disputed charge. Consultant shall provide clarification and a satisfactory explanation to City, along with revised copies of all such documents if inaccuracies or errors are discovered, within ten (10) days of receipt of City’s notice of the disputed amount

In the event City has a claim against Consultant for Work performed hereunder which has not been timely remedied in accordance with the provisions of this Article 3, City may withhold payment for the contested amount, in whole or in part, to protect itself from loss on account of defective Work, claims filed or reasonable evidence indicating probable filing of claims by other parties against Consultant, and/or Consultant's failure to make proper payments to subcontractors or vendors for material or labor. When the reason(s) for withholding payment are removed or resolved in a manner satisfactory to City, payment shall be made.

E. "Out-of-pocket" expenses shall be reimbursed up to an amount not to exceed amounts included in each Work Authorization. All requests for payment of "out-of-pocket" expenses eligible for reimbursement under the terms of this Contract shall include copies of paid receipts, invoices, or other documentation acceptable to the City's Representative and to the Finance Department. Such documentation shall be sufficient to establish that the expense was actually incurred and necessary in the performance of the Scope of Work described in a Work Authorization and this Contract. All out-of-pocket, reimbursables and expenses shall be billed at actual amount paid by Consultant, with no markup.

F. Final Invoice. In order for both parties herein to close their books and records, the Consultant will clearly state "Final Invoice" on the Consultant's final/last billing to the City. This final invoice shall also certify that all services provided by Consultant have been properly performed and all charges and costs have been invoiced to the City. Because this account will thereupon be closed, any and other further charges not properly included on this final invoice are waived by the Consultant.

ARTICLE 4 – TRUTH-IN-NEGOTIATION CERTIFICATE

Signature of this Contract by the Consultant shall also act as the execution of a truth in negotiation certificate, certifying that the wage rates, overhead charges, and other costs used to determine the compensation provided for this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the Consultant's most favored customer for the same or substantially similar service. Should the City determine that said rates and costs were significantly increased due to incomplete, non-current or inaccurate representation, then said rates shall be adjusted accordingly.

ARTICLE 5 – TERMINATION

City shall have the right to terminate this Contract, in whole or in part, for convenience, cause, default or negligence on Consultant's part, upon ten (10) business days advance written notice to Consultant. Such Notice of Termination may include City's proposed Transition Plan and timeline for terminating the Work, requests for certain Work product documents and materials, and other provisions regarding winding down concerns and activities.

If there is any material breach or default in Consultant's performance of any covenant or obligation hereunder which has not been remedied within ten (10) business days after City's

written Notice of Termination, City, in its sole discretion, may terminate this Contract immediately and Consultant shall not be entitled to receive further payment for services rendered from the effective date of the Notice of Termination.

In the event of termination, City shall compensate Consultant for all authorized Work satisfactorily performed through the termination date under the payment terms set forth in Article 3 above and all Work product documents and materials shall be delivered to City within ten (10) business days from the Notice of Termination. If any Work hereunder is in progress but not completed as of the date of the termination, then upon City's written approval, this Contract may be extended until said Work is completed and accepted by City.

This Contract may be cancelled by the Consultant, upon thirty (30) days prior written notice to the City's Representative, in the event of substantial failure by the City to perform in accordance with the terms of this Contract through no fault of the Consultant.

ARTICLE 6 – PERSONNEL

The Consultant is, and shall be, in the performance of all work services and activities under this Contract, an independent Contractor, and not an employee, agent or servant of the City. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the Consultant's sole direction, supervision, and control and shall not in any manner be deemed to be employees of the City. The Consultant shall exercise control over the means and manner in which it and its employees perform the work. This contract does not create a partnership or joint venture between the parties.

The Consultant represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the City, nor shall such personnel be subject to any withholding for tax, Social Security or other purposes by the City, nor be entitled to any benefits of the City including, but not limited to, sick leave, pension benefits, vacation, medical benefits, life insurance, workers or unemployment compensation benefits, or the like from the City.

All of the services required hereunder shall be performed by the Consultant or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

Any changes or substitutions in the Consultant's key personnel, as may be listed in Article 1, must be made known to the City's Representative at the time substitution becomes effective.

The Consultant warrants that all services shall be performed by skilled and competent personnel to the degree exercised by consultants performing the same or similar services in the same location at the time the services are provided.

ARTICLE 7 – SUBCONTRACTING

Consultant may subcontract any services or work to be provided to City with the prior written approval of the City's Representative. The City reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make determination as to the capability of the subcontractor to perform properly under this Contract. The City's acceptance of a subcontractor shall not be unreasonably withheld. The Consultant is encouraged to seek small business enterprises and to utilize businesses that are physically located in the City of Pompano Beach with a current Business Tax Receipt for participation in its subcontracting opportunities.

ARTICLE 8 – FEDERAL AND STATE TAX

The City is exempt from payment of Florida State Sales and Use Taxes. The City will provide the Consultant with the current state issued exemption certificate. The Consultant shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the City, nor is the Consultant authorized to use the City's Tax Exemption Number in securing such materials.

The Consultant shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes and benefits with respect to this Contract

ARTICLE 9 – AVAILABILITY OF FUNDS

The City's performance and obligation to pay under this contract is contingent upon appropriation for various projects, tasks and other professional services by the City Commission.

ARTICLE 10 - INSURANCE REQUIREMENTS

The Consultant shall not commence work under this Contract until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the City, nor shall the Consultant allow any Subcontractor to commence work on its sub-contract until the aforementioned approval is obtained.

CERTIFICATE OF INSURANCE, reflecting evidence of the required insurance, shall be filed with the Risk Manager prior to the commencement of the work. The Certificate shall contain a provision that coverage afforded under these policies will not be cancelled, will not expire and will not be materially modified until at least thirty (30) days prior written notice has been given to the City. Policies shall be issued by companies authorized to conduct business under the laws of the State of Florida and shall have adequate Policyholders and Financial ratings in the latest ratings of A. M. Best and be part of the **Florida Insurance Guarantee Association Act**.

Insurance shall be in force until all work required to be performed under the terms of the Contract is satisfactorily completed as evidenced by the formal acceptance by the City. In the event the Insurance Certificate provided indicates that the insurance shall terminate and lapse during the period of this Contract, the Consultant shall furnish, at least ten (10) days prior to the

expiration of the date of such insurance, a renewed Certificate of Insurance as proof that equal and like coverage for the balance of the period of the Contract and extension thereunder is in effect. The Consultant shall not continue to work pursuant to this Contract unless all required insurance remains in full force and effect.

Limits of Liability for required insurance are shown in Exhibit C.

The City of Pompano Beach must be named as an additional insured for the Automobile and Commercial General Liability Coverage.

For Professional Liability, if coverage is provided on a claims made basis, then coverage must be continued for the duration of this Contract and for not less than one (1) year thereafter, or in lieu of continuation, provide an "extended reporting clause" for one (1) year.

Consultant shall notify the City Risk Manager in writing within thirty (30) days of any claims filed or made against the Professional Liability Insurance Policy.

For Workers' Compensation Insurance, coverage shall be maintained during the life of this Contract to comply with statutory limits for all employees, and in the case of any work sublet, the Consultant shall require any Subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the Consultant. The Consultant and his Subcontractors shall maintain during the life of this Contract Employer Liability Insurance.

ARTICLE 11 – INDEMNIFICATION

A. Consultant shall at all times indemnify, hold harmless the City, its officials, officer, employees, volunteers and other authorized agents from and against any and all claims, demands, suit, damages, attorneys' fees, fines, losses, penalties, defense costs or liabilities suffered by the City to the extent caused by any negligent act, omission, breach, recklessness or misconduct of Consultant and/or any of its agents, officers, or employees hereunder, including any inaccuracy in or breach of any of the representations, warranties or covenants made by the Consultant, its agents, officers and/or employees, in the performance of services of this contract. To the extent considered necessary by City, any sums due Consultant hereunder may be retained by City until all of City's claims for indemnification hereunder have been settled or otherwise resolved, and any amount withheld shall not be subject to payment or interest by City.

B. Consultant acknowledges and agrees that City would not enter into this Contract without this indemnification of City by Consultant. The parties agree that one percent (1%) of the total compensation paid to Consultant hereunder shall constitute specific consideration to Consultant for the indemnification provided under this Article and these provisions shall survive expiration or early termination of this Contract.

C. Nothing in this Agreement shall constitute a waiver by the City of its sovereign immunity limits as set forth in section 768.28, Florida Statutes. Nothing herein shall be construed as consent from either party to be sued by third parties.

ARTICLE 12 – SUCCESSORS AND ASSIGNS

The City and the Consultant each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Contract and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the City nor the Consultant shall assign, sublet, encumber, convey or transfer its interest in this Contract without prior written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the City, which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the City and the Consultant.

ARTICLE 13 – REMEDIES

The laws of the State of Florida shall govern this Contract. Any and all legal action between the parties arising out of the Contract will be held in Broward County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power or remedy hereunder shall preclude any other or further exercise thereof.

ARTICLE 14 – CONFLICT OF INTEREST

The Consultant represents that it has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the Code of Ethics for Public Officers and Employees (Chapter 112, Part III, Florida Statutes). The Consultant further represents that no person having any interest shall be employed for said performance.

The Consultant shall promptly notify the City's representative, in writing, by certified mail, of a potential conflict(s) of interest for any prospective business association, interest or other circumstance, which may influence or appear to influence the Consultant's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the Consultant may undertake and request an opinion of the City as to whether the association, interest or circumstance would, in the opinion of the City, constitute a conflict of interest if entered into by the Consultant. The City agrees to notify the Consultant of its opinion by certified mail within thirty (30) days of receipt of notice by the Consultant. If, in the opinion of the City, the prospective business association, interest, or circumstance would not constitute a conflict of interest by the Consultant, the City shall so state in the notice and the Consultant shall at its option, enter into said association, interest or circumstance and it shall be deemed not a conflict of interest with respect to services provided to the City by the Consultant under the terms of this Contract.

ARTICLE 15 – EXCUSABLE DELAYS

The Consultant shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the Consultant or its subcontractors and without their fault or negligence. Such causes include, but are not limited to, acts of God; natural or public health emergencies; freight embargoes; and abnormally severe and unusual weather conditions.

Upon the Consultant's request, the City shall consider the facts and extent of any failure to perform the work and, if the Consultant's failure to perform was without it, or its subcontractors fault or negligence, the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly; subject to the City's rights to change, terminate, or stop any or all of the work at any time.

ARTICLE 16 – DEBT

The Consultant shall not pledge the City's credit or attempt to make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The Consultant further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

ARTICLE 17 – DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The Consultant shall deliver to the City's representatives for approval and acceptance, and before being eligible for final payment of any amounts due, all documents and materials prepared by and for the City under this Contract.

All written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the City or at its expense will be kept confidential by the Consultant and will not be disclosed to any other party, directly or indirectly, without the City's prior written consent unless required by a lawful order. All drawings, maps, sketches, programs, data base, reports and other data developed, or purchased, under this Contract for or at the City's expense shall be and remain the City's property and may be reproduced and reused at the discretion of the City.

A. The City of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The Consultant shall comply with Florida's Public Records Law, as amended. Specifically, the Consultant shall:

1. Keep and maintain public records required by the City in order to perform the service.

2. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law.

3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the Consultant does not transfer the records to the City.

4. Upon completion of the contract, transfer, at no cost to the City, all public records in possession of the Consultant, or keep and maintain public records required by the City to perform the service. If the Consultant transfers all public records to the City upon completion of the contract, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of the contract, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

B. Failure of the Consultant to provide the above described public records to the City within a reasonable time may subject Consultant to penalties under 119.10, Florida Statutes, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
100 W. Atlantic Blvd., Suite 253
Pompano Beach, Florida 33060
(954) 786-4611
RecordsCustodian@copbfl.com**

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Contract and the consummation of the transactions contemplated thereby.

ARTICLE 18 – CONTINGENT FEES

The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Contract. Violation of this Article shall constitute a forfeiture of this Contract by Consultant.

ARTICLE 19 – ACCESS AND AUDITS

The Consultant shall maintain adequate records to justify all charges, expenses, and cost incurred in estimating and performing the work for at least three (3) years after completion of this Contract. The City shall have access to such books, records and documents as required in this section for the purpose of inspection or audit during normal business hours, at the Consultant's place of business.

ARTICLE 20 – NONDISCRIMINATION

The Consultant warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status and sexual orientation.

ARTICLE 21 – INTERPRETATION

The language of this Contract has been agreed to by both parties to express their mutual intent and no rule of strict construction shall be applied to either party hereto. The headings are for reference purposes only and shall not affect in any way the meaning or interpretation of this Contract. All personal pronouns used in this Contract shall include the other gender, and the singular, the plural, and vice versa, unless the context otherwise requires.

ARTICLE 22 – AUTHORITY TO PRACTICE

The Consultant hereby represents and warrants that it has and will continue to maintain all licenses and approvals required conducting its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the City's representative upon request.

ARTICLE 23 – SEVERABILITY

If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent be held invalid or unenforceable, to remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 24 – ENTIRETY OF CONTRACTUAL AGREEMENT

The City and the Consultant agree that this Contract, together with the Exhibits hereto, sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. It is further agreed that no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and off equal dignity herewith. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article 25 – Modification of Work. In the event of any conflict or inconsistency between this Contract and the provisions in the incorporated Exhibits, the terms of this Contract shall supersede and prevail over the terms in the Exhibits.

ARTICLE 25 – MODIFICATION OF SCOPE OF WORK

The City reserves the right to make changes in the Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the Consultant of the City’s notification of a contemplated change, the Consultant shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change; (2) notify the City of any estimated change in the completion date; and (3) advise the City if the contemplated change shall affect the Consultant’s ability to meet the completion dates or schedules of this Contract.

If the City so instructs in writing, the Consultant shall suspend work on that portion of the Scope of Work affected by a contemplated change, pending the City’s decision to proceed with the change.

If the City elects to make the change, the City shall initiate a Work Authorization Amendment and the Consultant shall not commence work on any such change until such written amendment is signed by the Consultant and the City Manager, and if such amendment is in excess of seventy five thousand dollars (\$75,000.00), it must also first be approved by the City Commission and signed by the appropriate City Official authorized by the City Commission

The City shall not be liable for payment of any additional or modified work, which is not authorized in the manner provided for by this Article.

ARTICLE 26 – NOTICE

All notices required in this Contract shall be sent by certified mail, return receipt requested, to the following:

FOR CITY:

City Manager
City of Pompano Beach
Post Office Drawer 1300
Pompano Beach, Florida 33061

FOR CONSULTANT:

President
Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, FL 33445

ARTICLE 27 – OWNERSHIP OF DOCUMENTS

All finished or unfinished documents, data, reports, studies, surveys, drawings, maps, models and photographs prepared or provided by the Consultant in connection with this Contract shall become property of the City, whether the project for which they are made is completed or not, and shall be delivered by Consultant to City within ten (10) days of notice of termination. If applicable, City may withhold any payments then due to Consultant until Consultant complies with the provisions of this section.

ARTICLE 28 – PROMOTING PROJECT OBJECTIVES

Consultant, its employees, subcontractors, and agents shall refrain from acting adverse to the City's interest in promoting the goals and objectives of the projects. Consultant shall take all reasonable measures necessary to effectuate these assurances. In the event Consultant determines it is unable to meet or promote the goals and objectives of the projects, it shall immediately notify the City and the City, may then in its discretion, terminate this Contract.

ARTICLE 29 – PUBLIC ENTITY CRIMES ACT

As of the full execution of this Contract, Consultant certifies that in accordance with §287.133, Florida Statutes, it is not on the Convicted Vendors List maintained by the State of Florida, Department of General Services. If Consultant is subsequently listed on the Convicted Vendors List during the term of this Contract, Consultant agrees it shall immediately provide City written notice of such designation in accordance with Article 26 above.

ARTICLE 30 – GOVERNING LAW

This Contract has been and shall be construed as having been made and delivered within the State of Florida, and it is agreed by each party hereto that this Contract shall be governed by the laws of the State of Florida, both as to interpretation and performance. Any action at law, or in equity, shall be instituted and maintained only in courts of competent jurisdiction in Broward County, Florida.

ARTICLE 31 – EMPLOYMENT ELIGIBILITY

By entering into this Contract, the Consultant becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility." This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired

employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit or County Court no later than 20 calendar days after the date of termination. If this contract is terminated for a violation of the statute by the Consultant, the Consultant may not be awarded a public contract for a period of 1 year after the date of termination

ARTICLE 32 - BINDING EFFECT

The benefits and obligations imposed pursuant to this Contract shall be binding and enforceable by and against the parties hereto.

THE REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

“CITY”

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year hereinabove written.

Attest:

CITY OF POMPANO BEACH

ASCELETA HAMMOND, CITY CLERK

By: _____
REX HARDIN, MAYOR

APPROVED AS TO FORM:

By: _____
GREGORY P. HARRISON, CITY MANAGER

MARK E. BERMAN, CITY ATTORNEY

(SEAL)

"CONSULTANT"

Witnesses:

Sea Diversified, Inc.

[Signature]
Signature

By: [Signature]
William T. Sadler Jr., President

Neil Wood
Name Typed, Printed or Stamped

[Signature]
Signature

COLLINS K. MCKAY
Name Type, Printed or Stamped

STATE OF FLORIDA
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 7 day of October, 2022 by William T. Sadler Jr., as President of Sea Diversified, Inc., a Florida corporation, on behalf of the corporation. He is personally known to me or who has produced personally known (type of identification) as identification.

NOTARY'S SEAL:

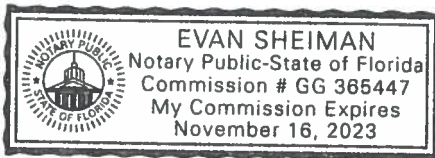
[Signature]

NOTARY PUBLIC, STATE OF

Evon Sheiman

(Name of Acknowledger Typed, Printed or Stamped)

GG 365447
Commission Number





Florida's Warmest Welcome

**CITY OF POMPANO BEACH
REQUEST FOR LETTERS OF INTEREST
E-07-22**

**CONTINUING CONTRACT FOR
MARINE ENGINEERING SERVICES**

**VIRTUAL ZOOM OPENING:
February 24, 2022, 2:00:00 P.M.**

For access go to:

<https://pompanobeachfl.gov/pages/meetings>

Issue Date: January 24, 2022

CITY OF POMPANO BEACH, FLORIDA
REQUEST FOR LETTERS OF INTEREST
E-07-22

CONTINUING CONTRACT FOR MARINE ENGINEERING SERVICES

Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach (the "City") and the Pompano Beach Community Redevelopment Agency (CRA) invite professional companies/firms to submit qualifications and experience for consideration to provide marine engineering services to the City and the CRA on a continuing as-needed basis.

The City will receive sealed proposals until **2:00:00 p.m. (local), February 24, 2022**. Proposals must be submitted electronically through the eBid System on or before the due date and time as provided herein. Any proposal received after the due date and time specified will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the Proposer.

Proposer must be registered on the City's eBid System in order to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded for free from the eBid System as a pdf at: <https://www.pompanobeachfl.ionwave.net>. The City and the CRA are not responsible for the accuracy or completeness of any documentation the Proposer receives from any source other than from the eBid System. Proposer is solely responsible for downloading all required documents. A list of proposers will be read aloud in a public forum. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the zoom link.

Introduction

The City of Pompano Beach (City) and the Pompano Beach Community Redevelopment Agency (CRA) are seeking qualified engineering companies/firms to work on various projects for the City and the CRA. The projects range in magnitude from small-scale to large or specialized designs.

The types of projects to be undertaken may include, but are not limited to:

- Bridges
- Seawalls
- Docks
- Piers
- Boat ramps
- Jetties

- Stormwater outfalls
- Survey and mapping
- Canal dredging
- Beach renourishment
- Studies, evaluations, & assessments.
- Design and construction documents.
- Permitting
- Inspections
- Grant assistance
- Coordination with regulatory agencies (County, ACOE, SFWMD, etc.)

A. Scope of Services

The City and the CRA intends to engage one or more qualified marine engineering companies/firms to provide continuing professional services to the City and the CRA for various projects as-needed. Professional services under this agreement/contract will be restricted to those required for any project for which construction costs will not exceed \$4 million and for any study activity for which fees will not exceed \$500,000.00.

The scope of services may include, but is not limited to, the following:

- Studies, assessments, evaluations, designs, construction documents, permitting, inspections, etc., related to marine environment.

Firms must have previous municipal experience and must have staff that possess a Florida Certificate of Registration as a professional engineer and surveyor, with a minimum of five (5) years of experience on technically complex marine projects in Southern Florida.

B. Task/Deliverables

Tasks and deliverables will be determined per project. Each project shall require a signed Work Authorization (WA) form from the awarded firm to be provided to the City or CRA. Forms shall be completed in their entirety and include the agreed upon scope, tasks, schedule, cost, and deliverables for the project. Consultant will be required to provide all applicable insurance requirements.

C. Term of Agreement/Contract

The Term of this Agreement/Contract is expected to be for an initial period of five (5) years from the date of execution by both the City and the Consultant or the CRA and Consultant. City or the CRA reserves the right to negotiate the term of its respective contract with the awarded Consultant/Consultants.

D. Project Web Requirements:

1. This project will utilize e-Builder Enterprise™, a web-based project management tool. This web-based application is a collaboration tool, which will allow all project team members continuous access through the Internet to important project data as well as up to the minute decision and approval status information.

e-Builder Enterprise™ is a comprehensive Project and Program Management system that the City will use to manage all project documents, communications and costs between the Lead Consultant, Sub-Consultants, Design Consultants, Contractor and Owner. e-Builder Enterprise™ includes extensive reporting capabilities to facilitate detailed project reporting in a web-based environment that is accessible to all parties and easy to use. Training will be provided for all consultants selected to provide services for the City of Pompano Beach.

2. Lead and Sub-Consultants shall conduct project controls outlined by the Owner, Project Manager, and/or Construction Manager, utilizing e-Builder Enterprise™. **The designated web-based application license(s) shall be provided by the City to the Prime Consultant and Sub-Consultants.** No additional software will be required.

Lead Consultant and Sub-Consultants shall have the responsibility for logging into the project website on a daily basis, and as necessary to be kept fully apprised of project developments and required action items. These may include but are not limited to: Contracts, Contract Exhibits, Contract Amendments, Drawing Issuances, Addenda, Bulletins, Permits, Insurance & Bonds, Safety Program Procedures, Safety Notices, Accident Reports, Personnel Injury Reports, Schedules, Site Logistics, Progress Reports, Correspondence, Daily Logs, Non-Conformance Notices, Quality Control Notices, Punch Lists, Meeting Minutes, Requests for Information, Submittal Packages, Substitution Requests, Monthly Payment Request Applications, Supplemental Instructions, Owner Change Directives, Potential Change Orders, Change Order Requests, Change Orders and the like. All supporting data including but not limited to shop drawings, product data sheets, manufacturer data sheets and instructions, method statements, safety SDS sheets, Substitution Requests and the like will be submitted in digital format via e-Builder Enterprise™.

E. Local Business Program

On March 13, 2018, the City Commission approved Ordinance 2018-46, establishing a Local Business Program, a policy to increase the participation of City of Pompano Beach businesses in the City's procurement process.

For purposes of this Solicitation, "Local Business" will be defined as follows:

1. **TIER 1 LOCAL VENDOR. POMPANO BEACH BUSINESS EMPLOYING POMPANO BEACH RESIDENTS.** A business entity which has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least ten percent who are residents of the City or includes subcontracting commitments to Local Vendors Subcontractors for at least ten percent of the agreement/contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the City for a minimum of one year prior to the date of issuance of a solicitation.
2. **TIER 2 LOCAL VENDOR. BROWARD COUNTY BUSINESS EMPLOYING POMPANO BEACH RESIDENTS OR UTILIZING LOCAL VENDOR SUBCONTRACTORS.** A business entity, which has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City or includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the respective Broward County municipality for a minimum of one year prior to the date of issuance of a solicitation.
3. **LOCAL VENDOR SUBCONTRACTOR. POMPANO BEACH BUSINESS.** A business entity which has maintained a permanent place of business within the city limits of the City. The permanent place of business may not be a post office box. The business must be located in a non-residential zone, and must actually distribute goods or services from that location. The business must be staffed with full-time employees within the limits of the city. In addition, the business must have a current business tax receipt from the City for a minimum of one year prior to the date of issuance of a solicitation.

You can view the list of City businesses that have a current Business Tax Receipt on the City's website, and locate local firms that are available to perform the work required by the bid specifications. The business information, sorted by business use classification, is posted on the webpage for the Business Tax Receipt Division: www.pompanobeachfl.gov by selecting the Pompano Beach Business Directory in the Shop Pompano! section.

The City of Pompano Beach is **strongly committed** to insuring the participation of City Businesses as contractors and subcontractors for the procurement of goods and services, including labor, materials and equipment. Proposers are required to participate in the City of Pompano Beach's Local Business Program by including, as part of their package, the Local Business Participation Form (Exhibit A), listing the local businesses that will be used on the agreement/contract, and the Letter of Intent Form (Exhibit B) from each local business that will participate in the agreement/contract.

Please note that while no goals have been established for this Solicitation, the City encourages Local Business participation in all of its procurements.

If a Prime Contractor/Vendor is not able to achieve the level of goal attainment of the agreement/contract, the Prime Contractor/Vendor will be requested to demonstrate and document that good faith efforts were made to achieve the goal by providing the Local Business Unavailability Form (Exhibit C), listing firms that were contacted but not available, and the Good Faith Effort Report (Exhibit D), describing the efforts made to include local business participation in the agreement/contract. This documentation shall be provided to the City Commission for acceptance.

The Awarded Proposer will be required to submit "Local Business Subcontractor Utilization Reports" during projects and after projects have been completed. The reports will be submitted to the assigned City project manager of the project. The Local Business Subcontractor Utilization Report template and instructions have been included in this solicitation.

Failure to meet Local Vendor Goal commitments will result in "unsatisfactory" compliance rating. Unsatisfactory ratings may impact award of future projects if a sanction is imposed by the City Commission.

The City shall award a Local Vendor preference based upon vendors, contractors, consultants or sub-consultants who are local with a preference as follows:

1. For evaluation purposes, the Tier 1 and Tier 2 businesses shall be a criterion for award in this solicitation. No business may qualify for more than one tier level.
2. For evaluation purposes, local vendors shall receive the following preferences:
 - a. Tier 1 business as defined by this subsection shall be granted a preference in the amount of five (5%) percent of total score.
 - b. Tier 2 business as defined by this subsection shall be granted a preference in the amount of two and one-half (2 ½) percent of total score.
3. It is the responsibility of the awarded contractor/vendor to comply with all Tier 1 and Tier 2 guidelines. The awarded contractor/vendor must ensure that all requirements are met before execution of an agreement/contract.

F. Required Proposal Submittal

Sealed proposals shall be submitted electronically through the eBid System on or before the due date and time as provided herein. Proposer shall upload response as one (1) file to the eBid System. The file size for uploads is limited to 250 MB. If the file size exceeds 10 MB, the response must be split and uploaded as two (2) separate files.

Information to be included in the proposal: In order to maintain comparability and expedite the review process, it is required that proposals be organized in the manner specified below, with the sections clearly labeled.

Title page:

Show the project name and number, the name of the Proposer's company/firm, address, telephone number, name of contact person and the date.

Table of Contents:

Include a clear identification of the material by section and by page.

Letter of Transmittal:

Briefly state the Proposer's understanding of the project and express a positive commitment to provide the services described herein. State the name(s) of the person(s) who will be authorized to make representations for the Proposer, their title(s), office and E-mail addresses and telephone numbers. Please limit this section to two (2) pages.

Technical Approach:

Firms or teams shall submit their technical approach to the tasks described in the scope, including details of how each phase of the project would be completed, and how their company/firm proposes to maintain time schedules and cost controls.

Schedule:

Proposer shall provide a timeline that highlights proposed tasks that will meet all applicable deadlines.

References:

References for past projects in the tri-county area (Broward, Palm Beach, and Miami-Dade). Describe the scope of each project in physical terms and by cost, describe the Proposer's responsibilities, and provide the contact information (name, email, telephone number) of an individual in a position of responsibility who can attest to Proposer's activities in relation to the project.

List any prior projects performed for the City of Pompano Beach and the Pompano Beach Community Redevelopment Agency.

Project Team Form:

Submit a completed "Project Team" form. The purpose of this form is to identify the key members of your team, including any specialty subconsultants.

Organizational Chart:

Specifically, identify the management plan (if needed) and provide an organizational chart for the team. The Proposer must describe at a minimum, the basic approach to these projects, to include reporting hierarchy of staff and sub-consultants, clarify the individual(s) responsible for the coordination of separate components of the scope of services.

Statement of Skills and Experience of Project Team:

Describe the experience of the entire project team as it relates to the types of projects described in the Scope of Services section of this solicitation. Include the experience of the prime consultants as well as other members of the project team; i.e., additional personnel, sub-consultants, branch office, team members, and other resources anticipated to be utilized for this project. Name specific projects (successfully completed within the past five (5) years) where the team members have performed similar projects previously.

Resumes of Key Personnel:

Include resumes for key personnel for prime and subconsultants.

Office Locations:

Identify the location of the office from which services will be rendered, and the number of professional and administrative staff at the prime office location. Also, identify the location of office(s) of the prime and/or sub consultants that may be utilized to support any or all of the professional services listed above and the number of professional and administrative staff at the prime office location.

If firms are situated outside the local area (Broward, Palm Beach, and Miami-Dade counties), include a brief statement as to whether or not the firm will arrange for a local office during the term of the contract, if necessary.

Local Businesses:

Completed Local Business program forms, Exhibits A-D.

NOTE: Form B must be signed by a representative of the subcontractor, NOT of the Prime.

Litigation:

Disclose any litigation within the past five (5) years arising out your companies/firm's performance, including status/outcome.

City Forms:

The Proposer Information Page Form and any other required forms must be completed and submitted electronically through the City's eBid System. The City reserves the right to request additional information to ensure the Proposer is financially solvent and has sufficient financial resources to perform the agreement/contract and shall provide proof thereof of its financial solvency. The City may at its sole discretion ask for additional proof of financial solvency, including additional documents post proposal opening, and prior to

evaluation that demonstrates the Proposer's ability to perform the resulting agreement/contract and provide the required materials and/or services.

Reviewed and Audited Financial Statements:

Proposers shall be financially solvent and appropriately capitalized to be able to service the City for the duration of the agreement/contract. Proposers shall provide a complete financial statement of the companies/firm's most recent audited financial statements, indicating organization's financial condition. Must be uploaded to the Response Attachments tab in the eBid System as a separate file titled "FINANCIAL STATEMENTS" and marked "CONFIDENTIAL".

Financial statements provided shall not be older than twelve (12) months prior to the date of filing this solicitation's response. The financial statements are to be reviewed and submitted with any accompanying notes and supplemental information. The City of Pompano Beach reserves the right to reject financial statements in which the financial condition shown is of a date twelve (12) months or more prior to the date of submittals.

The City is a public agency subject to Chapter 119, Florida's Public Records Law and is required to provide the public with access to public records, however, financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure.

The City reserves the right to request additional information to ensure the Proposer is financially solvent and has sufficient financial resources to perform the contract and shall provide proof thereof of its financial solvency. The City may at its sole discretion ask for additional proof of financial solvency, including additional documents post proposal opening, and prior to evaluation that demonstrates the Proposer's ability to perform the resulting contract and provide the required materials and/or services.

A combination of two (2) or more of the following may substitute for audited financial statements:

- 1) Bank letters/statements for the past three (3) months
- 2) Balance sheet, profit and loss statement, cash flow report
- 3) IRS returns for the last two (2) years
- 4) Letter from CPA showing profits and loss statements (certified)

G. Insurance

The Contractor shall not commence services under the terms of this agreement/contract until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the City's Risk Manager. If you are responding to a solicitation and have questions regarding the insurance requirements hereunder, please contact the City's Purchasing Division of the General Services Department at (954) 786-4098. If the agreement/contract has already been awarded, please direct any queries and proof of the

requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

Contractor is responsible to deliver to the City and the CRA for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the City and the CRA as an additional insured on all such coverage.

Throughout the term of this agreement/contract, the City, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this agreement/contract, including limits, coverages or endorsements. The City and the CRA reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as the City and the CRA review or acceptance of insurance maintained by Contractor, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by the Contractor under this agreement/contract.

Throughout the term of this agreement/contract, The Contractor and all subcontractors/subconsultants or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements:

1. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. The Contractor further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.
2. Liability Insurance.
 - (a) Naming the City of Pompano Beach and Pompano Beach Community Redevelopment Agency as an additional insured as City's and CRA interests may appear, on General Liability Insurance only, relative to claims which arise from the Proposer's negligent acts or omissions in connection with Contractor's performance under this agreement/contract.
 - (b) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance**Limits of Liability**

GENERAL LIABILITY: Minimum \$1,000,000 Per Occurrence and
\$2,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

XX	comprehensive form	bodily injury and property damage
XX	premises - operations	bodily injury and property damage
—	explosion & collapse	
	hazard	
—	underground hazard	
XX	products/completed	bodily injury and property damage combined
	operations hazard	
XX	contractual insurance	bodily injury and property damage combined
XX	broad form property damage	bodily injury and property damage combined
XX	independent contractors'	personal injury
XX	personal injury	
—	sexual abuse/molestation	Minimum \$1,000,000 Per Occurrence and Aggregate
—	liquor legal liability	Minimum \$1,000,000 Per Occurrence and Aggregate

AUTOMOBILE LIABILITY: Minimum \$1,000,000 Per Occurrence and Aggregate.
Bodily injury (each person) bodily injury (each accident),
Property damage, bodily injury and property damage
combined.

XX comprehensive form
XX owned
XX hired
XX non-owned

REAL & PERSONAL PROPERTY

— comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY

Per Occurrence Aggregate

—	other than umbrella	bodily injury and property damage combined	\$1,000,000	\$1,000,000
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PROFESSIONAL LIABILITY

Per Occurrence Aggregate

XX	* Policy to be written on a claims made basis		\$1,000,000	\$1,000,000
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(c) If Professional Liability insurance is required, the Contractor agrees the indemnification and hold harmless provisions set forth in the agreement/contract shall survive the termination or expiration of the agreement/contract for a period of four (4) years unless terminated sooner by the applicable statute of limitations.

CYBER LIABILITY	Per Occurrence	Aggregate
___ * Policy to be written on a claims made basis	\$1,000,000	\$1,000,000
___ Network Security / Privacy Liability		
___ Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate)		
___ Technology Products E&O - \$1,000,000 (only applicable for vendors supplying technology related services and or products)		
___ Coverage shall be maintained in effect during the period of the agreement/contract and for not less than four (4) years after termination/ completion of the agreement/contract.		

3. Employer’s Liability. If required by law, the Contractor and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

4. Policies: Whenever, under the provisions of this agreement/contract, insurance is required of the Awarded Proposer, the Awarded Proposer shall promptly provide the following:

- (a) Certificates of Insurance evidencing the required coverage;
- (b) Names and addresses of companies providing coverage;
- (c) Effective and expiration dates of policies; and

(d) A provision in all policies affording thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

5. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing Company/Firm shall provide thirty (30) days written notice to the City and the CRA.

6. Waiver of Subrogation. Awarded Proposer hereby waives any and all right of subrogation against the City and the CRA, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement/contract to waive subrogation without an endorsement, then, Awarded Proposer shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement

shall not apply to any policy, which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should Awarded Proposer enter into such an agreement/contract on a pre-loss basis.

H. Selection/Evaluation Process

A Selection/Evaluation Committee (Committee) will be appointed to select the most qualified firm(s)/company(ies). The Committee (Committee) will present their findings to the City Commission and the CRA Board.

Proposals will be evaluated using the following criteria:

Line	Criteria	Point Range
1	Prior experience of the firm with projects of similar size and complexity: a. Number of similar projects b. Complexity of similar projects c. References from past projects performed by the company's/firm's d. Previous projects performed for the City and the CRA (provide description) e. Litigation within the past five (5) years arising out of company's/firm's performance (list, describe outcome)	0-40
2	Qualifications of personnel including sub-contractor/ sub consultants: a. Organizational chart for project b. Number of technical staff c. Qualifications of technical staff: e. Number of licensed staff d. Education of staff e. Experience of staff on similar projects	0-35
3	Proximity of the nearest office to the project location: a. Location b. Number of staff at the nearest office	0-15
4	Is the firm a certified minority business enterprise as defined by the Florida Small and Minority Business Assistance Act of 1985? (Certification of any sub-contractors should also be included with the response.)	0-10
	Total	100

Additional 0-5% for Tier1/Tier2 Local Business will be calculated on combined scoring totals of each company/firm.

NOTE:

Financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure; however, financial statements submitted to prequalify for a solicitation, and are not required by the City, may be subject to public disclosure.

Value of Work Previously Awarded to Firm (Tie-breaker) - In the event of a tie, the company/firm with the lowest value of work as a prime contractor on City of Pompano Beach projects within the last five years will receive the higher ranking, the company/firm with the next lowest value of work shall receive the next highest ranking, and so on. The analysis of past work will be based on the City's Purchase Order and payment records.

The Committee has the option to use the above criteria for the initial ranking to short-list Proposers and to use an ordinal ranking system to score short-listed Proposers following presentations (if deemed necessary) with a score of "1" assigned to the short-listed Proposer deemed most qualified by the Committee.

Each company/firm should submit documentation that evidences the company's/firm's capability to provide the services required for the Committee's review for short-listing purposes. After an initial review of the proposals, the City may invite Proposers for an interview to discuss the proposal and meet company/firm representatives, particularly key personnel who would be assigned to the project. Should interviews be deemed necessary, it is understood that the City and the CRA shall incur no costs as a result of this interview, nor bear any obligation in further consideration of the submittal.

When more than three (3) responses are received, the Committee shall furnish the City Commission (for their approval) a listing, in ranked order, of no fewer than three (3) company's/firms deemed to be the most highly qualified to perform the service. If three (3) or fewer company's/ firms respond to this solicitation, the list will contain the ranking of all responses.

The City Commission has the authority to (including, but not limited to); approve the recommendation; reject the recommendation and direct staff to re-advertise this solicitation; or, review the responses themselves and/or request oral presentations and determine a ranking order that may be the same or different from what was originally presented to the City Commission.

I. Hold Harmless and Indemnification

Proposer covenants and agrees that it will indemnify and hold harmless the City and the CRA and all of their respective officers, agents, and employees from any claim, loss, damage, cost, charge or expense arising out of any act, action, neglect or omission by the Proposer, whether direct or indirect, or whether to any person or property to which the City or said parties may be subject, except that neither the Proposer nor any of its sub-contractors /sub-consultant will be liable under this section for damages arising out of

injury or damage to persons or property directly caused by or resulting from the sole negligence of the City or CRA or any of their respective officers, agents or employees.

J. Right to Audit

Awarded Proposer's records which shall include but not be limited to accounting records, written policies and procedures, computer records, disks and software, videos, photographs, sub-contract/sub-consultants files (including proposals of Successful and Unsuccessful bidders), originals estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to the agreement/contract (all the foregoing hereinafter referred to as "records") shall be open to inspection and subject to audit and/or reproduction, during normal working hours, by City's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the Awarded Proposer or any of its payees pursuant to the execution of the agreement/contract. Such records subject to examination shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with the agreement/contract.

For the purpose of such audits, inspections, examinations and evaluations, the City's agent or authorized representative shall have access to said records from the effective date of the agreement/contract, for the duration of the Work, and until five (5) years after the date of final payment by the City to Awarded Proposer pursuant to the agreement/contract.

The City agent or its authorized representative shall have access to the Awarded Proposer's facilities, shall have access to all necessary records, and shall be provided adequate and appropriate work space, in order to conduct audits in compliance with this article. The City agent or its authorized representative shall give auditees reasonable advance notice of intended audits.

Awarded Proposer shall require all sub-consultants/sub-contractors, insurance agents, and material suppliers (payees) to comply with the provisions of this article by insertion of the requirements hereof in any written agreement/contract. Failure to obtain such written agreements/contracts which include such provisions shall be reason to exclude some or all of the related payees' costs from amounts payable to the Contractor pursuant to the contract.

K. Retention of Records and Right to Access

The City of Pompano Beach is a public agency subject to Florida Statutes Chapter 119. The Awarded Proposer/Contractor shall comply with Florida's Public Records Law, as amended. Specifically, the Awarded Proposer/Contractor shall:

1. Keep and maintain public records required by the City in order to perform the service;

2. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes Chapter 119, or as otherwise provided by law;
3. Ensure that public records that are exempt or that are confidential and exempt from public record requirements are not disclosed except as authorized by law;
4. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the agreement/contract term and following completion of the agreement/contract if the Awarded Proposer/Contractor does not transfer the records to the City; and
5. Upon completion of the agreement/contract, transfer, at no cost to the City, all public records in possession of the Awarded Proposer, or keep and maintain public records required by the City to perform the service. If the Awarded Proposer transfers all public records to the City upon completion of the agreement/contract, the Awarded Proposer shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Awarded Proposer keeps and maintains public records upon completion of the agreement/contract, the Awarded Proposer shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

L. Communications

No negotiations, decisions, or actions shall be initiated or executed by the company/firm as a result of any discussions with any City or CRA employee. Only those communications, which are in writing from the City, may be considered as a duly authorized expression on behalf of the City and the CRA. In addition, only communications, which are in writing from an authorized representative of the company/firm will be recognized by the City as duly authorized expressions on behalf of the respective company/firm.

M. No Discrimination

There shall be no discrimination as to race, sex, color, age, religion, or national origin in the operations conducted under any agreement/contract with the City and the CRA.

N. Independent Contractor

The Awarded Proposer will conduct business as an independent contractor under the terms of the agreement/contract. Personnel services provided by the company/firm shall be by employees of the company/firm and subject to supervision by the company/firm, and not as officers, employees, or agents of the City and the CRA. Personnel policies, tax

responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures applicable to services rendered under the agreement/contract shall be those of the company/firm.

O. Staff Assignment

The City of Pompano Beach reserves the right to approve or reject, for any reasons, Proposer's staff assigned to this project at any time. Background checks may be required.

P. Agreement/Contract Terms

The agreement/contract resulting from this solicitation shall include, but not be limited to the following terms:

The agreement/contract shall include as a minimum, the entirety of this solicitation, together with the awarded proposal. Agreement/Contract shall be prepared by the City of Pompano Beach City Attorney and the CRA Attorney.

If the City or the CRA defends any claim, demand, cause of action, or lawsuit arising out of any act, action, negligent acts or negligent omissions, or willful misconduct of the contractor, its employees, agents or servants during the performance of the agreement/contract, whether directly or indirectly, Awarded Proposer r agrees to reimburse the City or the CRA for all expenses, attorney's fees, and court costs incurred in defending such claim, cause of action or lawsuit.

Q. Waiver

It is agreed that no waiver or modification of the agreement./contract resulting from this solicitation, or of any covenant, condition or limitation contained in it shall be valid unless it is in writing and duly executed by the party to be charged with it, and that no evidence of any waiver or modification shall be offered or received in evidence in any proceeding, arbitration, or litigation between the parties arising out of or affecting the agreement/contract, or the right or obligations of any party under it, unless such waiver or modification is in writing, duly executed as above. The parties agree that the provisions of this paragraph may not be waived except by a duly executed writing.

R. Survivorship Rights

The agreement/contract resulting from this solicitation shall be binding on and inure to the benefit of the respective parties and their executors, administrators, heirs, personal representative, successors and assigns.

S. Manner of Performance

Proposer agrees to perform its duties and obligations under the agreement/contract resulting from this solicitation in a professional manner and in accordance with all applicable local, federal and state laws, rules and regulations.

Proposer agrees that the services provided under the agreement/contract resulting from this solicitation shall be provided by employees that are educated, trained and experienced, certified and licensed in all areas encompassed within their designated duties. Proposer agrees to furnish the City of Pompano Beach with all documentation, certification, authorization, license, permit, or registration currently required by applicable laws or rules and regulations. Proposer further certifies that it and its employees are now in and will maintain good standing with such governmental agencies and that it and its employees will keep all licenses, permits, registration, authorization or certification required by applicable laws or regulations in full force and effect during the term of the agreement/contract. Failure of Proposer to comply with this paragraph shall constitute a material breach of agreement/contract.

T. Acceptance Period

Proposals submitted in response to this solicitation must be valid for a period no less than one hundred and twenty (120) days from the closing date of this solicitation.

U. Conditions and Provisions

The completed proposal (together with all required attachments) must be submitted electronically to the City on or before the time and date as written herein. All Proposers, by electronic submission of a proposal, shall agree to comply with all of the conditions, requirements and instructions of this solicitation as written or implied herein. All proposals and supporting materials submitted will become the property of the City.

Proposer's response shall not contain any alteration to the document posted other than entering data in spaces provided or including attachments as necessary. By submission of a response, Proposer affirms that a complete set of solicitation documents was obtained from the eBid System only and no alteration of any kind has been made to this solicitation. Exceptions or deviations to this proposal may not be added after the due date.

All Proposers are required to provide all information requested in this solicitation. Failure to do so may result in disqualification of the proposal.

The City reserves the right to postpone or cancel this solicitation, or reject all proposals, if in its sole discretion it deems it to be in the best interest of the City to do so.

The City reserves the right to waive any technical or formal errors or omissions and to reject all proposals, or to award agreement/contract for the items herein, in part or whole, if it is determined to be in the best interests of the City to do so.

The City shall not be liable for any costs incurred by the Proposer in the preparation of proposals or for any work performed in connection therein.

V. Standard Provisions

1. Governing Law

Any agreement resulting from this solicitation shall be governed by the laws of the State of Florida, and the venue for any legal action relating to such agreement/contract will be in Broward County, Florida.

2. Licenses

In order to perform public work, the Awarded Proposer shall:

Be licensed to do business in Florida, if an entity, and hold or obtain such Contractor' and Business Licenses if required by State Statutes or local ordinances.

3. Conflict of Interest

For purposes of determining any possible conflict of interest, each Proposer must disclose if any Elected Official, Appointed Official, or City Employee is also an owner, corporate officer, or an employee of the firm. If any Elected Official, Appointed Official, or City Employee is an owner, corporate officer, or an employee, the Proposer must file a statement with the Broward County Supervisor of Elections pursuant to, Florida Statute, Section 112.313.

4. Drug Free Workplace

The selected company(ies)/firm(s) will be required to verify they will operate a "Drug Free Workplace" as set forth in Florida Statute, Section 287.087.

5. Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crime may not submit a proposal on a agreement/contract to provide any goods or services to a public entity, may not submit a proposal on an agreement/contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, sub-contractor, consultant or sub-consultant under agreement/contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Florida Statute, Section 287.017, for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

6. Patent Fees, Royalties, And Licenses

If the Awarded Proposer requires or desires to use any design, trademark, device, material or process covered by letters of patent or copyright, the Awarded Proposer and his surety shall indemnify and hold harmless the City and the CRA from any and all claims for infringement by reason of the use of any such patented design, device, trademark, copyright, material or process in connection with the work agreed to be performed and shall indemnify the City and the CRA from any cost, expense, royalty or damage which the City and the CRA may be obligated to pay by reason of any infringement at any time during or after completion of the work.

7. Permits

The Awarded Proposer shall be responsible for obtaining all permits, licenses, certifications, etc., required by federal, state, county, and municipal laws, regulations, codes, and ordinances for the performance of the work required in these specifications and to conform to the requirements of said legislation.

8. Familiarity with Laws

It is assumed the selected company(ies)/firm(s) will be familiar with all federal, state and local laws, ordinances, rules and regulations that may affect its services pursuant to this solicitation. Ignorance on the part of the firm will in no way relieve the firm from responsibility.

9. Withdrawal of Proposals

A firm may withdraw its proposal without prejudice no later than the advertised deadline for submission of proposals by written communication to the General Services Department, 1190 N.E. 3rd Avenue, Building C, Pompano Beach, Florida 33060.

10. Composition of Project Team

Company(ies)/Firm(s) are required to commit that the principals and personnel named in the proposal will perform the services throughout the contractual term unless otherwise provided for by way of a negotiated agreement/contract or written amendment to same executed by both parties. No diversion or substitution of principals or personnel will be allowed unless a written request that sets forth the qualifications and experience of the proposed replacement(s) is submitted to and approved by the City in writing.

11. Invoicing/Payment

All invoices should be sent to City of Pompano Beach, Accounts Payable, P.O. Drawer 1300, Pompano Beach, Florida 33061. In accordance with Florida Statutes, Chapter 218, payment will be made within 45 days after receipt of a proper invoice.

12. Public Records

- a. The City of Pompano Beach is a public agency subject to Florida Statutes, Section 119. The Awarded Proposer shall comply with Florida's Public Records Law, as amended. Specifically, the Awarded Proposer shall:
 - i. Keep and maintain public records required by the City in order to perform the service;
 - ii. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes, Section 119 or as otherwise provided by law;
 - iii. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the agreement/contract term and following completion of the agreement/contract if the Awarded Proposer does not transfer the records to the City; and
 - iv. Upon completion of the agreement/contract, transfer, at no cost to the City, all public records in possession of the Awarded Proposer, or keep and maintain public records required by the City to perform the service. If the Awarded Proposer transfers all public records to the City upon completion of the agreement/contract, the Awarded Proposer shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Awarded Proposer keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.
- b. Failure of the Contractor to provide the above described public records to the City within a reasonable time may subject Contractor to penalties under Florida Status Section 119.10, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT/CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
100 W. Atlantic Blvd., Suite 253
Pompano Beach, Florida 33060
(954) 786-4611
RecordsCustodian@copbfl.com**

W. Questions and Communication

All questions regarding this solicitation are to be submitted using the Questions feature in the eBid System. Questions must be received at least seven (7) calendar days before the scheduled solicitation opening. Oral and other interpretations or clarifications will be without legal effect. Addendum/Addenda will be posted to this solicitation in the eBid System, and it is the Proposer's responsibility to obtain all addenda before submitting a response to this solicitation.

X. Addenda

The issuance of a written addendum or posting of an answer in response to a question submitted using the Questions feature in the eBid System are the only official methods whereby interpretation, clarification, or additional information can be given. If any addendum is issued to this solicitation, the addendum will be issued via the eBid System. It shall be the responsibility of each Proposer, prior to submitting its response, to contact the City's Purchasing Division of the General Services Department at (954) 786-4098 to determine if addendum was issued and to make such addendum a part of its proposal. Each addendum will be posted to the solicitation in the eBid System.

Y. Contractor Performance Report

The City and the CRA will utilize the Contractor Performance Report to monitor and record the Awarded Proposer's performance for the work specified by the agreement/contract. The Contractor Performance Report has been included as Exhibit to this solicitation.

PROJECT TEAM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

RLI NUMBER # _____

Federal I.D.# _____

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	_____	_____	_____
Project Manager	_____	_____	_____
Asst. Project Manager	_____	_____	_____
Other Key Member	_____	_____	_____
Other Key Member	_____	_____	_____

SUB-CONSULTANT

Role	Company/Firm Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	_____	_____
	_____	_____
Landscaping	_____	_____
	_____	_____
Engineering	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRETY AND INCLUDE THE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

VENDOR CERTIFICATION REGARDING SCRUTINIZED COMPANIES LISTS

Respondent (Vendor) Name: _____

Vendor FEIN: _____

Section 287.135, Florida Statutes, prohibits agencies from contracting with companies, for goods or services over \$1,000,000, that are on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List. Further, Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to sign electronically on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this Solicitation is not listed on the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this Solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

I Certify



CONFLICT OF INTEREST:

For purposes of determining any possible conflict of interest, all proposers must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes Section 112.313.

No ___ Yes ___

Exhibit – Contractor Performance Report

CATEGORY	RATING	COMMENTS
1. Quality Assurance/Quality Control - Product/Services of high quality - Proper oversight - Communication	Poor =1 Satisfactory =2 Excellent =3	
2. Record Keeping -Accurate record keeping -Proper invoicing -Testing results complete	Poor =1 Satisfactory =2 Excellent =3	
3. Close-Out Activities - Restoration/Cleanup - Deliverables met - Punch list items addressed	Poor =1 Satisfactory =2 Excellent =3	
4. Customer Service - City Personnel and Residents - Response time - Communication	Poor =1 Satisfactory =2 Excellent =3	
5. Cost Control - Monitoring subcontractors - Change-orders - Meeting budget	Poor =1 Satisfactory =2 Excellent =3	
6. Construction Schedule - Adherence to schedule - Time-extensions - Efficient use of resources	Poor =1 Satisfactory =2 Excellent =3	
SCORE	_____	ADD ABOVE RATINGS/DIVIDE TOTAL BY NUMBER OF CATEGORIES BEING RATED

RATINGS

Poor Performance (1.0 – 1.59): Marginally responsive, effective and/or efficient; delays require significant adjustments to programs; key employees marginally capable; customers somewhat satisfied.

Satisfactory Performance (1.6 – 2.59): Generally responsive, effective and/or efficient; delays are excusable and/or results in minor program adjustments; employees are capable and satisfactorily providing service without intervention; customers indicate satisfaction.

Excellent Performance (2.6 – 3.0): Immediately responsive; highly efficient and/or effective; no delays; key employees are experts and require minimal direction; customers expectations are exceeded.

Would you select/recommend this contractor again? Yes No

City of Pompano Beach Florida Local Business Subcontractor Utilization Report

Project Name (1)		Contract Number and Work Order Number (if applicable) (2)	
Report Number (3)	Reporting Period (4) to	Local Business Contract Goal (5)	Estimated Contract Completion Date (6)
Contractor Name (7)		Contractor Telephone Number (8) () -	Contractor Email Address (9)
Contractor Street Address (10)	Project Manager Name (11)	Project Manager Telephone Number (12) () -	Project Manager Email Address (13)

Local Business Payment Report						
Federal Identification Number (14)	Local Subcontractor Business Name (15)	Description of Work (16)	Project Amount (17)	Amount Paid this Reporting Period (18)	Invoice Number (19)	Total Paid to Date (20)
Total Paid to Date for All Local Business Subcontractors (21) \$						0.00

I certify that the above information is true to the best of my knowledge.

Contractor Name – Authorized Personnel (print) (22)	Contractor Name – Authorized Personnel (sign) (23)	Title (24)	Date (25)
---	--	------------	-----------

Local Business Subcontractor Utilization Report Instructions

- Box (1) Project Name** – Enter the entire name of the project.
- Box (2) Contract Number (work order)** – Enter the contract number and the work order number, if applicable (i.e., 4600001234, and if work order contract include work order number – 4600000568 WO 01).
- Box (3) Report Number** - Enter the Local Business Subcontractor Utilization Report number. Reports must be in a numerical series (i.e., 1, 2, 3).
- Box (4) Reporting Period** - Enter the beginning and end dates this report covers (i.e., 10/01/2016 – 11/01/2016).
- Box (5) Local Contract Goal** - Enter the Local Contract Goal percentage on entire contract.
- Box (6) Contract Completion Date** - Enter the expiration date of the contract, (not work the order).
- Box (7) Contractor Name** - Enter the complete legal business name of the Prime Contractor.
- Box (8) Contractor Telephone Number** - Enter the telephone number of the Prime Contractor.
- Box (9) Contractor Email Address** - Enter the email address of the Prime Contractor.
- Box (10) Contractor Street Address** – Enter the mailing address of the Prime Contractor.
- Box (11) Project Manager Name** - Enter the name of the Project Manager for the Prime Contractor on the project.
- Box (12) Project Manager Telephone Number** – Enter the direct telephone number of the Prime Contractor’s Project Manager.
- Box (13) Project Manager Email Address** – Enter the email address of the Prime Contractor’s Project Manager.
- Box (14) Federal Identification Number** – Enter the federal identification number of the Local Subcontractor(s).
- Box (15) Local Subcontractor Business Name** – Enter the complete legal business name of the Local Subcontractor(s).
- Box (16) Description of Work** – Enter the type of work being performed by the Local Subcontractor(s) (i.e., electrical services).
- Box (17) Project Amount** – Enter the dollar amount allocated to the Local Subcontractor(s) for the entire project (i.e., amount in the subcontract agreement).

- Box (18) Amount Paid this Reporting Period** – Enter the total amount paid to the Local Subcontractor(s) during the reporting period.
- Box (19) Invoice Number** – Enter the Local Subcontractor’s invoice number related to the payment reported this period.
- Box (20) Total Paid to Date** – Enter the total amount paid to the Local Subcontractor(s) to date.
- Box (21) Total Paid to Date for All Local Subcontractor(s)** – Enter the total dollar amount paid to date to all Local Subcontractors listed on the report.
- Box (22) Contractor Name Authorized Personnel (print)** – Print the name of the employee that is authorized to execute the Local Subcontractor Utilization Report.
- Box (23) Contractor Name Authorized Personnel (sign)** – Signature of authorized employee to execute the Local Subcontractor Utilization Report.
- Box (24) Title** – Enter the title of authorized employee completing the Local Subcontractor Utilization Report.
- Box (25) Date** – Enter the date of submission of the Local Subcontractor Utilization Report to the City.

LOCAL BUSINESS EXHIBIT "C"
LOCAL BUSINESS UNAVAILABILITY FORM

RLI Number _____

I, _____
(Name and Title)

of _____, certify that on the _____ day of

_____, _____, I invited the following LOCAL BUSINESS(es) to bid work
(Month) (Year)

items to be performed in the City of Pompano Beach:

Business Name, Address	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials/Labor, Labor Only, etc.)

Said Local Businesses:

- ___ Did not bid in response to the invitation
- ___ Submitted a bid which was not the low responsible bid
- ___ Other: _____

Name and Title: _____

Date: _____

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "D"
GOOD FAITH EFFORT REPORT LOCAL BUSINESS PARTICIPATION

RLI Number _____

1. What portions of the contract have you identified as Local Business opportunities?

2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.

3. Did you send written notices to Local Businesses?

___ Yes ___ No

If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.

4. Did you advertise in local publications?

___ Yes ___ No

If yes, please attach copies of the ads, including name and dates of publication.

5. What type of efforts did you make to assist Local Businesses in contracting with you ?

7. List the Local Businesses you will utilize and subcontract amount.

_____	\$ _____
_____	\$ _____
_____	\$ _____

8. Other comments: _____

MINORITY BUSINESS ENTERPRISE PARTICIPATION

RLI NUMBER _____

List all members of your team that are a certified Minority Business Enterprise (as defined by the State of Florida.)
You must include copies of the MBE certificates for each firm listed.

Name of Firm	Certificate Included?

Online Questions & Answers

Event Information

Number: E-07-22
 Title: Continuing Contract for Marine Engineering Services
 Type: Request for Letters of Interest
 Issue Date: 1/24/2022
 Question Deadline: 2/24/2022 02:00 PM (ET)
 Response Deadline: 2/24/2022 02:00 PM (ET)
 Notes:

Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach (the "City") and the Pompano Beach Community Redevelopment Agency (CRA) invite professional companies/firms to submit qualifications and experience for consideration to provide marine engineering services to the City and the CRA on a continuing as-needed basis.

The City will receive sealed proposals until **2:00:00 p.m. (local), February 24, 2022.** Proposals must be submitted electronically through the eBid System on or before the due date and time as provided herein. Any proposal received after the due date and time specified will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the Proposer.

Proposer must be registered on the City's eBid System in order to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded for free from the eBid System as a pdf at: <https://www.pompanobeachfl.ionwave.net>. The City and the CRA are not responsible for the accuracy or completeness of any documentation the Proposer receives from any source other than from the eBid System. Proposer is solely responsible for downloading all required documents. A list of proposers will be read aloud in a public forum. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the zoom link.

Published Questions

Question: You ask for references for past projects in the tri-county area. Is it ok to present ongoing projects that are not yet completed?

Answer: Yes, it is ok however, preference will be given to applicable, completed projects.

Asked: 2/14/2022 12:21 PM (ET)

Question: Regarding the "Project Team" form, the firm requests certain positions and specialty services that we do not intend on including in our response. Are we free to edit the form to use the positions and subconsultant services we intend to provide (while still providing all requested information such as Education or Addresses), or do we need to use the form "as is" and do our best to convey the information? Thank you.

Answer: For consistency, please use the form as-is.

Asked: 2/9/2022 03:17 PM (ET)

Question: Besides the forms which are included in the Attachments, are we required to submit the additional forms which are included in the RFQ ('Contractor Performance Report' and 'Local Business Subcontractor Utilization Report')?

Answer: No, the "Contractor Performance" and "Local Business Utilization" reports are tools the City uses to track compliance by the awarded firm. They are not to be submitted.

Asked: 2/9/2022 10:26 AM (ET)

Question: In regards to the Schedule requirement on page 6. Will the City be providing a sample or specific project to set the schedule to?

Answer: Schedule requirements are not applicable at this time.

Asked: 2/9/2022 09:36 AM (ET)

Question: For the past project "References" would the City expand the tri-county area to include Monroe County?

Answer: Yes we would, although our preference is within tri-county.

Asked: 2/4/2022 01:22 PM (ET)

Question: Is the Tier 1/ Tier 2 compliance form only for the Prime?

Answer: Yes.

Asked: 2/4/2022 08:35 AM (ET)

Question: A) Is this a project where you are expecting services from vendors or from an engineering company?

B) Is this for vessel and/or marinas?

Answer: *A) This will not be for one project only but various types of projects throughout a 5 year period, and services we are expecting will be from engineering firms.*

B) This will not include vessels, but may include design for new or rehabilitation of jetties, seawalls, docks, piers, bridges, bathymetric surveys for canal dredging, seawall condition assessments, etc.

Asked: 2/1/2022 08:42 AM (ET)

Question: Is it required for the prime to have both an engineering and surveying license, or can a subconsultant fulfill one of those requirements?

Answer: It is not required, a subconsultant can fulfill that role if need be.

Asked: 1/26/2022 05:34 PM (ET)



Supplier Award

E-07-22

**Continuing Contract for Marine Engineering
Services**

Award Date: 5/10/22

Sea Diversified, Inc.

Contact Information

Contact: Jeff English

Address: Purchasing

1190 NE 3rd Avenue

Building C

Pompano Beach, FL 33060

Phone: (954) 786-4098

Fax: (954) 786-4168

Email: purchasing@copbfl.com

Sea Diversified, Inc.

Contact: William Sadler/Sea Diversified, Inc.

Address: 160 Congress Park Drive

Suite 114

Delray Beach, FL 33445

Phone: (561) 243-4920

Email: wts@seadiv.com



E-07-22

**Sea Diversified, Inc.
Supplier Response**

Event Information

Number: E-07-22
 Title: Continuing Contract for Marine Engineering Services
 Type: Request for Letters of Interest
 Issue Date: 1/24/2022
 Deadline: 2/24/2022 02:00 PM (ET)
 Notes: Pursuant to Florida Statutes Chapter 287.055 "Consultants' Competitive Negotiation Act" the City of Pompano Beach (the "City") and the Pompano Beach Community Redevelopment Agency (CRA) invite professional companies/firms to submit qualifications and experience for consideration to provide marine engineering services to the City and the CRA on a continuing as-needed basis.
 The City will receive sealed proposals until **2:00:00 p.m. (local), February 24, 2022**. Proposals must be submitted electronically through the eBid System on or before the due date and time as provided herein. Any proposal received after the due date and time specified will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the Proposer.
 Proposer must be registered on the City's eBid System in order to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded for free from the eBid System as a pdf at: <https://www.pompanobeachfl.ionwave.net>. The City and the CRA are not responsible for the accuracy or completeness of any documentation the Proposer receives from any

source other than from the eBid System. Proposer is solely responsible for downloading all required documents. A list of proposers will be read aloud in a public forum. To attend the virtual p u b l i c m e e t i n g , g o t o <https://www.pompanobeachfl.gov/pages/meetings> to find the zoom link.

Contact Information

Contact: Jeff English
Address: Purchasing
1190 NE 3rd Avenue
Building C
Pompano Beach, FL 33060
Phone: (954) 786-4098
Fax: (954) 786-4168
Email: purchasing@copbfl.com

Sea Diversified, Inc. Information

Contact: William Sadler/Sea Diversified, Inc.
 Address: 160 Congress Park Drive
 Suite 114
 Delray Beach, FL 33445
 Phone: (561) 243-4920
 Email: wts@seadiv.com
 Web Address: www.seadiversified.com

By submitting this Response I affirm I have received, read and agree to the all terms and conditions as set forth herein. I hereby recognize and agree that upon execution by an authorized officer of the City of Pompano Beach, this Response, together with all documents prepared by or on behalf of the City of Pompano Beach for this solicitation, and the resulting Contract shall become a binding agreement between the parties for the products and services to be provided in accordance with the terms and conditions set forth herein. I further affirm that all information and documentation contained within this response to be true and correct, and that I have the legal authority to submit this response on behalf of the named Supplier (Offeror).

Benjamin Neil Wood

Signature

Submitted at 2/24/2022 10:52:00 AM

NeilWood@SeaDiversified.com

Email

Requested Attachments

Proposal

Compiled proposal 2.24.22.pdf

Electronic version of proposal must be uploaded to the Response Attachments tab. The file size for uploads is limited to 250 MB. If the file size exceeds 250 MB the response must be split and uploaded as two (2) separate files.

Financial Statment

Sea Diversified Inc.pdf

Will remain confidential pursuant to section 119.071 of the State of Florida Statutes.

Tier 1/ Tier 2 Local Business Form

T1_T2_Form.pdf

To comply with the City's Local Business Program as a Tier-1 or Tier-2 vendor, you must complete this form and upload it to the Response Attachments tab.

Local Business Program Forms

FORMS All.pdf

These forms are to be completed and uploaded to the Response Attachments tab. Online Only

Proposer Information Page

Pages from E-07-22 Continuing Contracts Marine Engineering Services.NW.pdf

Proposer Information Page Form is to be included in your proposal that must be uploaded to the Response Attachments Tab.

Minority Business Enterprise Participation Form

CEG.pdf

If your firm or any sub-consultant is a certified minority business enterprise this form must be completed and included with your proposal. If any members of your team are a certified Minority Business Enterprise copies of their certifications must be included in your submittal.

Project Team Form

PROJECT TEAM FORM E-07-22 Continuing Contracts Marine Engineering Services.NW.pdf

Project Team Form is to be included in your proposal that must be uploaded to the Response Attachments Tab.

Bid Attributes

1 Drug-Free Workplace

Whenever two or more bids which are equal with respect to price, quality, and service are received for the procurement of commodities or contractual service, a bid received from a business that certifies that it has implemented a Drug-free Workplace Program shall be given preference in the award process. If bidder's company has a Drug-free Workplace Program as outlined in General Conditions, section 32., indicate that by selecting yes in the drop down menu.

2 Conflict of Interest

For purposes of determining any possible conflict of interest, all bidders must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". (Note: If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes 112.313.) Indicate yes or no below with the drop down menu.

3 Terms & Conditions

Check the box indicating you agree to the terms and conditions of this solicitation.

 Respond Yes (Respond Yes)

4 Local Business Participation Percentage

If you have indicated local business participation on the Local Business Participation Form Exhibit A enter the percentage of the contract that will be performed by local Pompano Beach businesses.

5 Acknowledgement of Addenda

Check this box to acknowledge that you have reviewed all addenda issued for this solicitation.



**Response to Request for Letters of Interest
Continuing Contract
for
Marine Engineering Services
RLI# E-07-22**



Date of Submittal: February 24, 2022

**Prepared for:
City of Pompano Beach**



**Prepared by:
Sea Diversified, Inc.**
160 Congress Park Drive, Suite 114
Delray Beach, FL 33445
www.seadiversified.com

**Response to Request for Letters of Interest
Continuing Contract
for
Marine Engineering Services
RLI# E-07-22**

**Prepared for:
City of Pompano Beach**



Prepared by:



Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, FL 33445
561-243-4920
www.seadiversified.com

Point of Contact:
William T. Sadler Jr., P.E., P.S.M.
President
wts@seadiv.com

Date of Submittal: February 24, 2022



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Continuing Contract for Marine Engineering Services
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Section Eight: Office Locations

Section Nine: Local Business Program Forms

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Section Ten: Litigation

Section Eleven: City Forms

- Proposer Information Form
- Minority Business Enterprise Participation
- Contractor Performance Report

Section Twelve: Financials (Uploaded electronically to City EBID System)



Letter of Transmittal
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
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February 24, 2022

City of Pompano Beach
Purchasing Department
100 West Atlantic Boulevard
Pompano Beach, Florida 33060

Re: Letter of Transmittal
Response to Request for Letters of Interest
Continuing Contract for Marine Engineering Services
City of Pompano Beach RLI# E-07-22
Sea Diversified Proposal Number 22-2971

Dear Purchasing Manager:

In response to the referenced Request for Letters of Interest (RLI No. E-07-22) issued by the City of Pompano Beach (City) and the Pompano Beach Community Redevelopment Agency (CRA), Sea Diversified, Inc. (SDI) is pleased to submit the following **Letter of Interest** and **Statement of Qualifications** for professional marine engineering services. It is SDI's understanding that services are to be provided to the City and CRA on a continuing, as-need basis for an anticipated initial period of five (5) years, subject to final negotiations. Projects could entail small and/or large-scale design efforts pertaining to bridges, seawalls, docks, piers, boat ramps, jetties, stormwater outfalls, dredging, beach renourishment and other marine related activities. Types of services may include, but will not necessarily be limited to:

- Surveying and Mapping
- Studies, evaluations, assessments and inspections
- Design and construction documents
- Permitting and coordination with regulatory agencies (FDEP, USACE, SFWMD, Broward County, etc)
- Grant Acquisition Assistance

SDI, located in Palm Beach County, is a Certified Small Business Enterprise (SBE) in Palm Beach County and also a Certified SBE with the South Florida Water Management District (SFWMD). SDI is licensed by the Florida Board of Professional Engineers and Florida Board of Professional Surveyors and Mappers. SDI specializes in the design, permitting and construction of marine projects with extensive experience in type of projects outlined in the RLI. Specific services offered by SDI include marine / coastal engineering and permitting services; marina and waterfront planning and design; above and below-water engineering inspection of marine structures; wave, current and tide studies; shoreline change assessment; bathymetric and topographic surveying and mapping; environmental sciences; sediment studies and subsurface material classification; subaqueous utilities mapping; construction administration.

Principals, officers and support personnel of SDI have provided marine / coastal engineering, environmental and survey services throughout the State of Florida including numerous islands of the Caribbean. SDI has provided services to multiple Municipalities and Counties including but not limited to the City of Pompano Beach, Town of Lighthouse Point, City of Deerfield Beach, City of Riviera Beach, Town of Palm Beach, City of North Palm Beach, City of Boynton Beach, City of Pahokee, City of Boca Raton, City of Plantation, City of Fort Lauderdale, City of Holly Hill, City of Daytona, City of Bradenton, City of Sanibel, Palm Beach County, Miami-Dade

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Letter of Transmittal
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County, Martin County and Lee County. SDI has provided services to other governmental agencies such as the Florida Inland Navigation District, Florida Department of Transportation, National Park Service and the South Florida Water Management District.

SDI has been responsible for the planning, design and permitting of numerous marine related projects for the City of Pompano Beach such as that associated with the current and previous Citywide Canal Management Programs. Services conducted by SDI for these programs included bathymetric surveys of all navigable canals within the City limits, preparation of dredge plans and specifications, environmental permitting (County, State and Federal), sediment sampling and analysis, bulkhead inspections and preparation of long-term Canal Management Plans. SDI also provided assistance with project bidding and contract award, construction administrative services, post-dredge surveys and final project certifications. SDI has provided similar services to the City pertaining to bulkhead repairs and replacement projects and is presently working on the Alsdorf Park bulkhead and dock replacement project and the Hillsboro Park artificial reef construction program.

In response to the RLI, SDI has compiled a team of in-house professional marine / coastal engineers and support staff to meet the requirements of the project including several specialty subconsultants to add or enhance the range of services offered by the firm. This includes coastal engineers that specialize in beach renourishment and numerical modeling of tidal lagoons, environmental specialists and marine electrical / mechanical engineers. The SDI team also includes a Grant Specialist to assist in the identification and acquisition of state and federal grants, as may be needed for both City and CRA projects. William T. Sadler Jr., P.E., P.S.M., president and founder of SDI, with over thirty (30) years of experience in the planning and design of waterfront facilities and marine structures, will be the Project Manager and primary point-of-contact for the City of Pompano Beach.

Contact Information:

William T. Sadler, Jr., P.E., P.S.M.
 President, Sea Diversified, Inc.
 160 Congress Park Drive, Suite 114, Delray Beach, Florida 33445
 Office: 561-243-4920 / Cell: 561-441-2521
 Email: wts@seadiversified.com

SDI has prepared the following qualifications package to demonstrate our level of experience and capacity to support all levels of services required for the project. We have reviewed and understand the scope of services outlined in the Solicitation and are committed to performing all assignments to the highest level of professionalism. Through signature below, we ensure full commitment to the project and shall dedicate sufficient resources in personnel, equipment and time through completion of all assignments. We strive for excellence in performance and client satisfaction. Thank you very much for your consideration.

Sincerely,

William T. Sadler Jr., P.E., P.S.M.
 President
Sea Diversified, Inc.

Sea Diversified, Inc.
 160 Congress Park Drive, Suite 114
 Delray Beach, Florida 33445
 561.243.4920
www.seadiversified.com





City of Pompano Beach
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Section One:
Technical Approach

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section One: Technical Approach
City of Pompano Beach
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The City of Pompano Beach (City) and the Pompano Beach Community Redevelopment Agency (CRA) are seeking to engage a marine engineering firm to provide design, permitting, procurement and CEI services associated with various marine-related projects for both the City and CRA. Based on the RLI, they are expected to include both small and large-scale projects encompassing that associated with:

- Bridges
- Seawalls
- Docks
- Piers
- Boat Ramps
- Jetties
- Stormwater Outfalls
- Canal Dredging
- Beach Renourishment

The City and CRA are seeking to engage a marine engineering firm to assist with professional services associated with the type of projects listed above, as well as others. Services may include, but may not be limited to applicable studies, assessments, inspections and evaluations; design and preparation of construction documents; environmental permitting; field investigations (surveying and geotechnical); assistance with construction administration; and assistance with the acquisition of grants or other funding sources.

SDI's methods and approach to marine-related projects, developed through multiple years of experience will be applied to proposed City and CRA projects. Beginning from the initial planning phases through final construction, **SDI's** general approach to projects is as follows:

- Evaluation of existing facilities, marine structures and utility infrastructure
- Field data collection including bathymetric / topographic survey data, current and wave data and geotechnical data (as required)
- Planning and preparation of design concepts factoring in:
 - Purpose of the project
 - Objectives of the City and/or CRA
 - Environmental considerations (project constraints, permitting feasibility and permitting timelines)
 - Constructability and cost
- Marine structural design and analysis based on such factors as:
 - Dead / live loads specific to public facilities, wind, wave and current forces and Hurricane load criteria
 - Vessel impact loading conditions, as applicable
 - Anticipated sea level rise and other potential long-term environmental considerations
 - Constructability, durability of the structural components and pre-manufactured systems
 - Extent of required maintenance
 - ADA compliance and public safety
 - Aesthetics and conformance with the desired look or theme of the City and/or CRA
- Local (Broward County), State and Federal Environmental Permitting including:
 - Seagrass investigations
 - Permit application preparation and processing
 - Addressing agency questions and concerns
 - Preparation of State Submerged Lands Lease modifications, if required

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Section One: Technical Approach
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- Construction administration
 - Assisting the City and/or CRA with the preparation of bid documents
 - Assistance with bidding and contractor selection
 - Shop drawing review and approval
 - Observations of construction to ensure compliance with plans and specifications and environmental permitting conditions
 - Final project certifications
- Grant or other funding assistance

To effectively support the City and CRA on projects pertinent to this contract, **SDI** will develop and implement methods to ensure only the highest level of quality control and the fast-tracking of assigned projects. This will begin with designating a Project Manager that will be responsible for initial scope development, delegation of task assignments, monitoring of schedules and review of work products for quality and adherence to City and/or CRA objectives and project scope. The Project Manager will be the primary Point-of-Contact between **SDI** and the City and/or CRA. Specifically, the Project Manager will assume the following responsibilities:

- Meet with the City or CRA to gain complete understanding of the project, specifically identifying:
 - City/CRA goals and objectives, schedule and budget, as applicable
 - City/CRA and/or other consultant participation and responsibilities including points-of-contact
 - Project milestones and reporting requirements including means of effective and efficient communication
- Scope Development and Task Order Approvals:
 - Define specific tasks required to meet the requirements of the project.
 - Develop a comprehensive scope of work with schedule for review and approval by the City and/or CRA.
 - Assign in-house personnel and/or team consultants to each of the defined tasks.
 - Prepare staff hour projections with costs, factoring in the fees of outside consultants, as applicable, to develop total fee estimates for submittal to the City or the CRA.
 - Refine scope of work and associated fee estimates as required to meet project budget constraints, as necessary.
- Project Initiation
 - Coordinate and schedule a project kick-off meeting with City staff or representatives of the CRA.
 - Review project purpose/objectives, scope, task assignments, schedule, milestones and required deliverables with in-house staff, outside consultants and City staff or representatives of the CRA.
 - Review project constraints, environmental factors and other issues that could impact schedule.
 - Develop and review quality control procedures relative to both field and office activities including final product deliverables.
 - Develop and review reporting requirements and project meeting schedules.
 - Establish protocols for unanticipated conditions.
 - Establish a start date along with a critical path for meeting the project schedule.
- Project Implementation
 - Monitor the activities of in-house staff including team consultants relative to compliance with project scope and schedule.
 - Review interim work products and address questions or matters pertinent to specific tasks.
 - Maintain contact with City or representatives of the CRA regarding project status and prepare formal status reports with details and supporting documents, as required.



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- Refine scope and schedule in coordination with the City and/or CRA, as necessary based on unforeseen conditions, changes in project objectives or other issues encountered during the implementation of the project.
- Coordinate periodic meetings with in-house staff, team consultants and City / CRA staff to discuss project status, identify issues, and outline action items necessary to meet project objectives.
- Project Deliverables and Closure
 - Review final products prepared by in-house staff and team consultants, as applicable.
 - Submit “Draft” products to City / CRA staff, as requested or identified in the scope of services.
 - Implement a very specific and thorough Quality Assurance / Quality Control (QA/QC) procedure, as established at the onset of the project.
 - Compile all required deliverables and meet with City / CRA staff to review based on the established project goals and objectives.
 - Coordinate with in-house staff and/or team consultants to update and/or modify deliverables, as necessary.
 - Finalize deliverables, conduct a final QA/QC review and certify.

Quality Control

Ensuring quality control will be the direct responsibility of the Project Manager, but each and every participant on the project will be held responsible for their level of service and work product. Maintaining quality is a team effort and to guarantee only the highest level of quality, **SDI** will delegate personnel or other team consultants to specific tasks based on demonstrated capacity, expertise and experience. **SDI** staff and consultants identified in this response to the RLI have worked together as a team on previous projects and have a proven record of quality control. This same level of quality control will be implemented on all task order assignments initiated under this contract.

Fast-Tracking Projects

The ability to fast-track projects will be based on effective project management but is also based on the selection of the best team comprised of in-house personnel and outside consultants with capacity, expertise and commitment to the project. **SDI** will establish a realistic and attainable schedule for completion of the project, assign personnel and other resources based on the required tasks, and effectively track projects to ensure compliance with established schedules. Through effective project management, careful selection of support personnel, commitment of resources, great communication and established protocols for reporting and adherence to schedule, fast-tracking of projects is feasible and likely. The **SDI** team has demonstrated the ability to meet strict project schedules, and through their project management abilities combined with dedicated team of professionals and support staff have been able to fast-track specific assignments. This ability of fast-tracking projects will be a proven benefit to the City of Pompano Beach under this contract.

Experience with Public -Sector Clients

SDI sound approach and methodologies for the design of marine structures including other marine related projects. This has been demonstrated on numerous public-sector projects including projects for the City of Pompano Beach, City of Riviera Beach, Town of Palm Beach, City of North Palm Beach, City of Boynton Beach, City of Pahokee, City of Boca Raton, City of Plantation, City of Deerfield Beach, City of Fort Lauderdale, City of Holly Hill, City of Daytona, City of Bradenton, City of Sanibel, Palm Beach County, Miami-Dade County, Martin County and Lee County. **SDI** has provided services to other governmental agencies such as the Florida



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Inland Navigation District, Florida Department of Transportation, National Park Service and the South Florida Water Management District.

Budget Management

SDI is a leader in Florida performing project management and construction administration services for numerous marine projects, including turn-key efforts from project conceptualization to permitting, bidding assistance to site inspections, and surveying to project close-out. Our well-refined team of project managers, engineers, surveyors, designers, computer specialists, and support professionals will outperform, and keep the project on track and within budget.

The responsible office for all services required under this contract will be the Corporate offices, located in Delray Beach, Florida. **SDI** takes great pride our ability to respond quickly to our clients' needs. In order to ensure a successful engineering project, project managers, surveyors and engineers must work hand-in-hand to meet budgets, critical paths, and safeguard quality control.

Staff members of **SDI** have an extensive amount of experience on projects throughout the State of Florida including marine projects within and in close proximity to the City of Pompano Beach. Having first-hand knowledge of the type of marine related projects within and around Pompano Beach combined with many years of experience supporting these projects from initial planning efforts, through design and permitting and eventually through completion, **SDI** will provide prompt and cost-effective response under this contract.

Processes to Engage Stakeholders

SDI will establish processes to ensure that City staff, consultants and other stakeholders are informed of project status at all time. City staff and specific stakeholders will be invited to participate in meetings, physical or via conference call, to remain informed is all aspects of future improvements. **SDI** will establish communication protocols and, if requested, provide information via **SDI** Website for immediate and remote access to project documents.



City of Pompano Beach
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Section Two: Schedule

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section Two: Schedule
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SDI will proceed with the initial site studies and conceptual planning immediately upon receipt of a Notice to Proceed (NTP) for a project. Depending on City / CRA review timeframes and type/extent/complexity of the project, it is **SDI's** objective to have plans typically ready for permitting within 30 - 90 calendar days with final plans and specifications ready for City review and acceptance along with bid documents promptly, thereafter. Based on **SDI's** experience, the anticipated timeframe for the permitting of marine related projects is 6 to 9 months depending on the extent of proposed improvements and presence marine resources. Authorization for simple repairs to marine structures can typically be received faster than this timeframe, however environmental permitting timeframes will vary substantially depending on the nature of the marine improvements and extent of possible environmental impacts.



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Section Three: References

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www.seadiversified.com





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City of Pompano Beach

Attention: Anthony Alhashemi, Project Manager
 City of Pompano Beach, Engineering
 1201 NE 5th Avenue
 Pompano Beach, FL 33060
 954-786-4029
Anthony.Alhashemi@copbfl.com

City of Holly Hill

Attention: Steve Juengst, Administration Manager
 Department of Public Works
 453 LPGA Blvd
 Holly Hill, Florida 32117
 (386) 248-9463
sjuengst@hollyhillfl.org

Village of North Palm Beach

Attention: Chuck Huff, Public Works Director
 645 Prosperity Farms Road
 North Palm Beach, FL 33408
 (561) 904-2139
chuff@village-npb.org

City of Riviera Beach

Attention: Randy M. Sherman, CPA, CGFO, CTP
 Director of Finance and Administrative Services
 Finance Department
 City of Riviera Beach
 600 W. Blue Heron Blvd
 Riviera Beach, FL, 33404
 Office: 561-845-4045
rsherman@rivierabeach.org
www.rivierabeach.org

MarineMax

Attention: Sam Lowrey, Vice President of Real Estate
 2600 McCormick Drive, Suite 200
 Clearwater, Florida 33759
 (727)-531-1700
Sam.Lowrey@MarineMax.com

Representative Project Experience with Applicable Points-of-Contact are as follows:

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Summary of past and present projects performed for the City of Pompano Beach and the Pompano Beach Community Redevelopment Agency (CRA):

Bulkhead and Marginal Dock Replacement - Alsdorf Park

2020 - 2022

Scope: Structure Inspections, Surveying, Design and Permitting

Status: Design Complete, Construction Pending

Floating Platform associated with Artificial Reef Construction - Hillsboro Inlet Park

2021 – 2022

Scope: Structure Inspections, Surveying, Design and Permitting

Status: Design Complete, Construction Pending

Bulkhead Condition Inspection - Hillsboro Inlet Marina

2021

Scope: Structure Inspections

Status: Report of Finding Submitted

Bulkhead Condition Inspections - Alsdorf and Hillsboro Inlet Parks

2016

Scope: Structure Inspections

Status: Report of Finding Submitted

Citywide Canal Management Plan

2017 – 2019

Scope: Bathymetric Surveying, Design, Permitting, CA Services

Status: Phase One Dredging Complete

Bulkhead Repairs - SE 13th Court

2012

Scope: Structure Inspections and Design

Status: Repairs Complete

Bulkhead Construction - 16th Steet and Riverside Park

2007

Scope: Structure Inspections, Surveying, Design, Permitting, CA Services

Status: Construction Complete

Citywide Canal Management Plan

2004 – 2006

Scope: Bathymetric Surveying, Design, Permitting, CA Services

Status: Dredging Complete



PROFESSIONAL EXPERIENCE

Name & address of client:

City of Riviera Beach
 200 E. 13th Street
 Riviera Beach, FL 33404

Nature of the firm's contract:

Marine Engineering
 Environmental Permitting
 Construction Administration
 Hydrographic/Topographic Surveys

Owner's representative's name, addresses, & phone number:

City of Riviera Beach
 600 West Blue Heron Blvd.,
 Riviera Beach, FL 33404
 POC: Randy Sherman
 561-845-4045

Date contract started & ended:

10/2010 – Current



Riviera Beach Municipal Marina Redevelopment
City of Riviera Beach, Florida



Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. is the marine engineering consultant for the City of Riviera Beach Municipal Marina improvement project since 2010 and has successfully completed two phases of the marina reconstruction program encompassing the following improvements:

- Demolition of deteriorated fixed concrete docks and replacement with a combination of state-of-the-art concrete floating docks, aluminum floating docks and aluminum fixed docks. Fixed aluminum docks were installed along the new bulkhead, which is referred to as the Promenade Dock that supports the facilities charter and dive operations. The fixed pier was designed and constructed with unique articulating floating finger piers. SDI worked with state and federal agencies to expand the footprint of the facility to accommodate a larger fleet mix. The new marina is protected by a heavy-duty perimeter concrete floating wave attenuation system designed based on a comprehensive wind, wave, current study
- Replacement of deteriorating concrete bulkhead structures with a steel sheetpile bulkhead with concrete cap and helical anchor tie-back system. SDI specified helical anchors to minimize disruption to ongoing marina activities, upland restaurant operations and to avoid conflicts with existing utility infrastructure
- Replacement of all marina utilities (electric, potable water, sewer and fire) including upland utility infrastructure. Marina power was designed to support vessels in the mega-yacht and super-yacht classes
- Replacement of marina fuel system including addition of high capacity/high flow systems to support mega-yacht fueling
- Replacement of the over-water fuel attendant's office
- Maintenance dredging including coordination of submerged utility relocation



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Name & address of client:

Suntex Marinas
 1688 Meridian Avenue, Suite 900
 Miami Beach, FL 33139

Nature of the firm's contract:

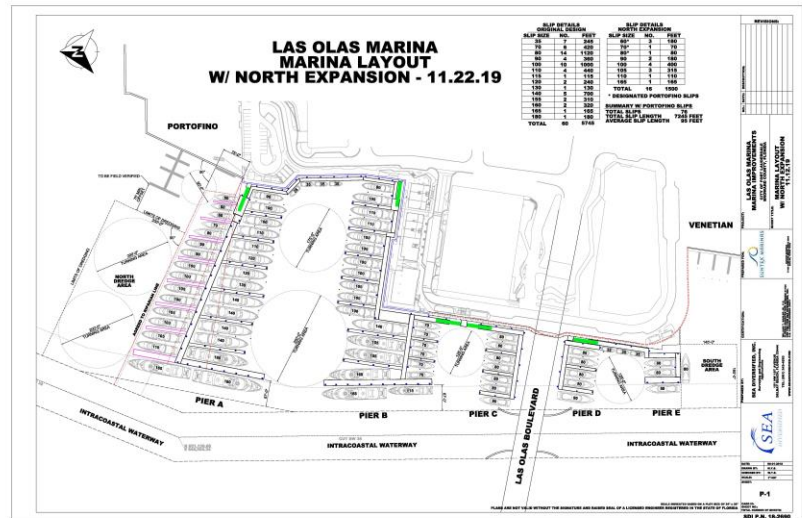
Marine Design Engineering
 Environmental Permitting

Owner's representative's name, addresses, & phone number:

Suntex Marinas
 1688 Meridian Avenue, Suite 900
 Miami Beach, FL 33139
 POC: David Filler
 (305) 788-8335
 dfiller@suntex.com

Date contract started & ended:

01/2017 – Current



Las Olas Marina
City of Fort Lauderdale, Broward County, Florida

**Scope or nature of contract:**

William T. Sadler, Jr., P.E., P.S.M. is responsible for design, engineering and permitting assistance in support of the reconstruction of the Las Olas Marina in Fort Lauderdale. Project encompasses a 60+-slip marina improvement project with slips ranging from 30-feet to 200-feet with the majority of slips designed to accommodate mega-yachts. Project includes excavation of uplands, dredging, bulkhead replacement, floating dock improvements and replacement of all utilities

Estimated construction cost \$25,000,000

Present status of the contract:

Permitting Ongoing – Construction Pending

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www.seadiversified.com





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Name & address of client:

MarineMax
 MarineMax Stuart
 350 SW Monterey Road
 Stuart, FL

Nature of the firm's contract:

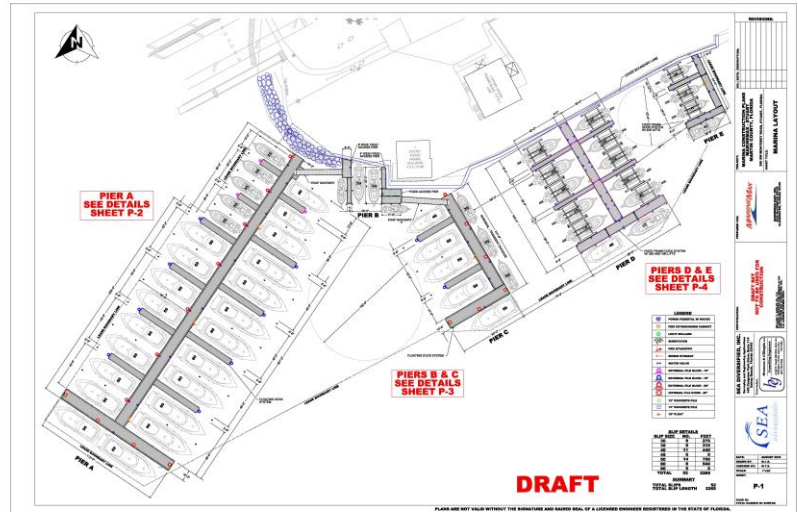
Marine Design Engineering
 Environmental Permitting
 Construction Administration

Owner's representative's name, addresses, & phone number:

MarineMax, Inc.
 2600 McCormick Drive, Suite 200
 Clearwater, FL 33759
 POC: Sam Lowrey
 (727) 228-7672

Date contract started & ended:

01/2019 – Current



MarineMax - Stuart
Martin County, Florida

**Scope or nature of contract:**

William T. Sadler, Jr., P.E., P.S.M. is responsible for design, engineering, permitting and construction administration in support of fixed and floating dock improvements of the MarineMax facility in Stuart. Project encompasses a 60-slip marina improvement project, with slips ranging from 30-feet to 80-feet. Project includes dredging, bulkhead replacement, fixed and floating dock improvements, vertical boat lifts and replacement of all utilities

Estimated construction cost \$6,000,000

Present status of the contract:

Permitting Complete – Under Construction

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Name & address of client:

Kelly Brothers / Golden Marine
 15775 Pine Ridge Road
 Fort Myers, FL 33908

Nature of the firm's contract:

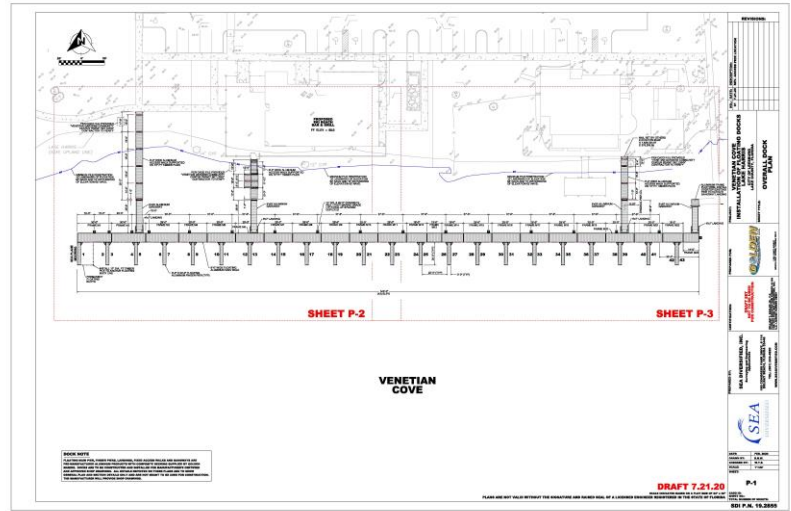
Marine Design Engineering
 Construction Administration

Owner's representative's name, addresses, & phone number:

Kelly Brothers
 15775 Pine Ridge Road
 Fort Myers, FL 33908
 POC: Dane Kelly
 P: (239) 482-7300 1
 C: (239) 872-7573

Date contract started & ended:

01/2020 – Current



Venetian Cove
City of Leesburg, Florida

**Scope or nature of contract:**

William T. Sadler, Jr., P.E., P.S.M. was responsible for design, engineering in support of fixed and floating dock improvements at the Venetian Cove, a City Boat Club facility in the City of Leesburg. Project encompasses a 32-slip marina improvement project with 30-foot slips along with a seaplane dock. Project includes fixed access piers, floating docks and lighting.

Estimated construction cost \$1,000,000

Present status of the contract: Construction Complete

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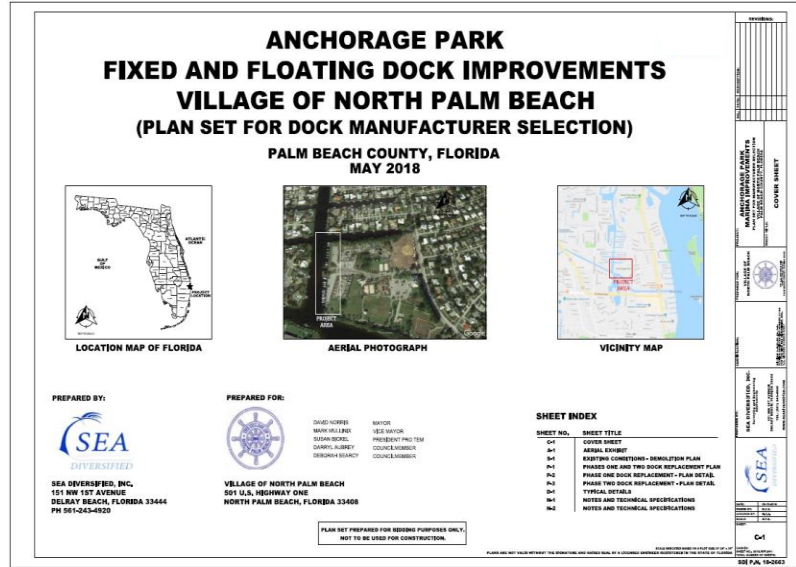
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Name & address of client:
 Village of North Palm Beach
 Anchorage Park Marina
 603 Anchorage Drive
 North Palm Beach, FL 33408

Nature of the firm's contract:
 Marine Design Engineering
 Environmental Permitting
 Construction Administration

Owner's representative's name, addresses, & phone number:
 Village of North Palm Beach
 501 U.S. Highway One
 North Palm Beach, FL 33408
 POC: Mr. Charles Huff
 Special Projects Director
 (561) 904-2139

Date contract started & ended:
 01/2018 – 2019



Anchorage Park Marina Improvements
Village of North Palm Beach, Florida

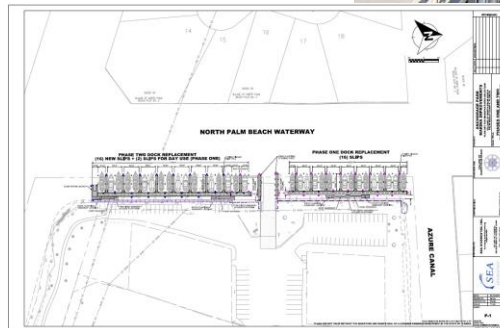


Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for design, engineering, permitting and construction administration in support of fixed and floating dock improvements of the Anchorage Park Marina. Project encompasses a 32-slip marina improvement project, with slips ranging from 30-feet to 40-feet.

Estimated construction cost \$500,000

Present status of the contract:
 Phase One Construction Complete in 2019





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Name & address of client:

Bluetide Marina, LLC
 103 E International Speedway Blvd
 Daytona Beach, FL 32118

Nature of the firm's contract:

Marine Design Engineering
 Environmental Permitting
 Bathymetric/Topographic Surveys
 Seagrass Surveys
 Geotechnical Investigations

Owner's representative's name, addresses, & phone number:

The Jaymor Group
 105 West Beaver Creek Road
 Units 9 & 10
 Richmond Hill, ON L4B 1C6
 POC: Mr. Fab Lucchese
 (905) 882-1212 Ext 117

Date contract started & ended:

04/2017 – Current



Gateway Daytona Marina (Bluetide Marina)
Daytona Beach, Florida

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for design, engineering, permitting, hydrographic and topographic surveys, seagrass surveys, and geotechnical services in support of marina improvements at the Gateway Daytona Marina. Project encompasses a 138-slip marina improvement project, with slips ranging from 30-feet to 120-feet, and dredging plans for approximately 15,000 cubic yards of material.

Estimated construction cost \$7 million.

Present status of the contract:

Presently Under Construction

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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Name & address of client:

Hawks Cay Resort
 61 Hawks Cay Blvd
 Duck Key, FL 33050

Nature of the firm's contract:

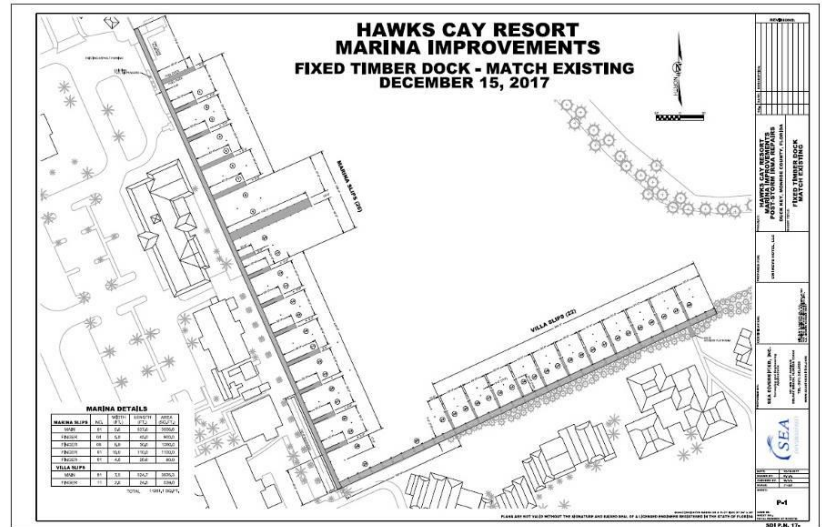
Marine Design Engineering
 Environmental Permitting
 Construction Administration
 Bathymetric/Topographic Surveys
 Seagrass Surveys
 Geotechnical Investigations

Owner's representative's name, addresses, & phone number:

Jones Lang LaSalle (JLL)
 3344 Peachtree Road NE
 Suite 1100
 Atlanta, GA 30326
 POC: Mr. Steve Schrope
 (404) 995-2170

Date contract started & ended:

09/2017 – Current



Hawks Cay Marina Post-Storm Hurricane Irma
Duck Key, Monroe County, Florida

**Scope or nature of contract:**

William T. Sadler, Jr., P.E., P.S.M. was responsible for design, engineering, permitting, construction administration, hydrographic and topographic surveys, seagrass surveys, and geotechnical services in support of the post-storm Hurricane Irma repairs of the Hawks Cay Resort Marina. Project encompasses a 48-slip marina improvement project, with slips ranging from 30-feet to 80-feet. Estimated construction cost \$3 million.

Present status of the contract:

Presently Under Construction



Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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City of Pompano Beach
Request for Letters of Interest
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Name & address of client:

Aqua Marine Partners
 Aquamarina Hi-Lift
 2890 NE 187th Street
 Aventura, FL 33180

Nature of the firm's contract:

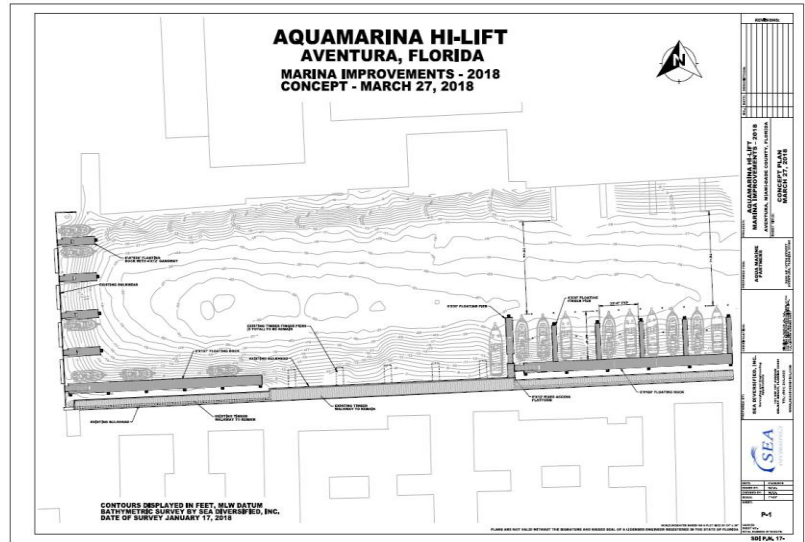
Marine Design Engineering
 Environmental Permitting
 Bathymetric/Topographic Surveys
 Seagrass Surveys

Owner's representative's name, addresses, & phone number:

Aquamarina Hi-Lift Marina
 2890 NE 187th Street
 Aventura, FL 33180
 POC: Steven Kinderman
 (305) 931-2550

Date contract started & ended:

02/2018 – 2019



Aquamarina Hi-Lift Improvements
Aventura, Florida

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for design, engineering, permitting hydrographic and topographic surveys, and seagrass surveys in support of improvements at the Aquamarina Hi-Lift. Project encompasses a 14-slip marina improvement project, with slips ranging from 30-feet to 50-feet.

Estimated construction cost \$500,000

Present status of the contract:

Construction Pending

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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Name & address of client:
 City of Holly Hill
 1065 Ridgewood Avenue
 Holly Hill, FL 32117

Nature of the firm's contract:
 Marine Design Engineering
 Environmental Permitting
 Construction Administration

Owner's representative's name, addresses, & phone number:
 City of Holly Hill
 1065 Ridgewood Avenue
 Holly Hill, FL 32117
 POC: Mr. Jim McCroskey
 (386) 248-9425

Date contract started & ended:
 02/2012 - 2014



PUBLIC PIER AT RIVERSIDE PARK
CITY OF HOLLY HILL
CONSTRUCTION PLANS
 VOLUSIA COUNTY, FLORIDA
 FEBRUARY 2013

LOCATION MAP OF FLORIDA AERIAL PHOTOGRAPH VICINITY MAP

PREPARED BY: **SEA DIVERSIFIED, INC.**
 21 NW 2ND STREET
 DELRAY BEACH, FLORIDA 33444

PREPARED FOR: **THE CITY OF HOLLY HILL**
 1065 RIDGEWOOD AVENUE
 HOLLY HILL, FLORIDA 32117

SHEET INDEX

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02	GENERAL NOTES - CONTINUOUS
03	GENERAL NOTES - BRIDGE APPROACHES
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05	GENERAL NOTES - BRIDGE APPROACHES - CONTINUED
06	GENERAL NOTES - BRIDGE APPROACHES - CONTINUED
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Holly Hill City Pier Expansion
City of Holly Hill, Florida

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for engineering, permitting and construction administration services relating to the expansion of the City Pier at Riverside Park modifying the previous pier design to extend further into the Halifax River. The City's objective was to double the pier footprint, resulting in a pier twice as long with two (2) platform areas, one (1) mid-way along the pier and the other at the easterly pier terminus. A second phase of the project will be to modify the pier to accommodate vessel dockage, which will entail the addition of finger piers and possible utilities.

Present status of the contract:
 Construction Complete.





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Name & address of client:

Moss Marine
 450 Harbor Court
 Fort Myers Beach, FL 33931

Nature of the firm's contract:

Marine Design Engineering
 Environmental Permitting
 Construction Administration
 Bathymetric/Topographic Surveys
 Seagrass Surveys
 Geotechnical Investigations

Owner's representative's name, addresses, & phone number:

Moss Marine
 450 Harbor Court
 Fort Myers Beach, FL 33931
 POC: Mr. George Freeland
 (239) 765-6677

Date contract started & ended:

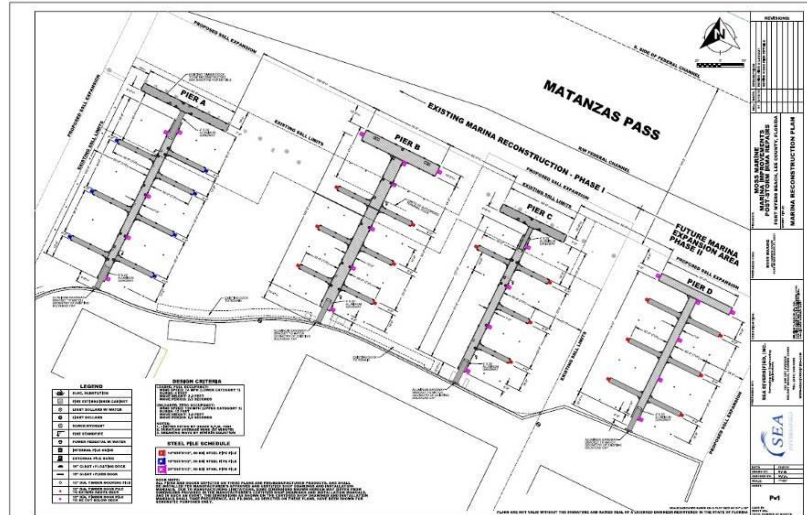
12/2017 – Current

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for design, engineering, permitting, construction administration, hydrographic and topographic surveys, seagrass surveys, and geotechnical services in support of the post-storm Hurricane Irma repairs, improvements, and expansion of Moss Marina located along Matanzas Pass in Fort Myers Beach. Project encompasses a 52-slip marina improvement project, with slips ranging from 30-feet to 80-feet. Estimated construction cost \$3 million.

Present status of the contract:

Phase One Construction Complete



**Moss Marina Post-Storm Hurricane Irma Repairs
 Improvements & Expansion
 Fort Myers Beach, Florida**



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Name & address of client:

Royal Palm Yacht & Country Club
 2425 Maya Palm Drive
 Boca Raton, Florida 33432

Nature of the firm's contract:

Marine Design Engineering
 Dredging Design
 Environmental Permitting

Owner's representative's name, addresses, & phone number:

Royal Palm Yacht & Country Club
 2425 Maya Palm Drive
 Boca Raton, Florida 33432
 POC: Ms. Robin Blankhorst, CCM
 (561) 210-8120

Date contract started & ended:

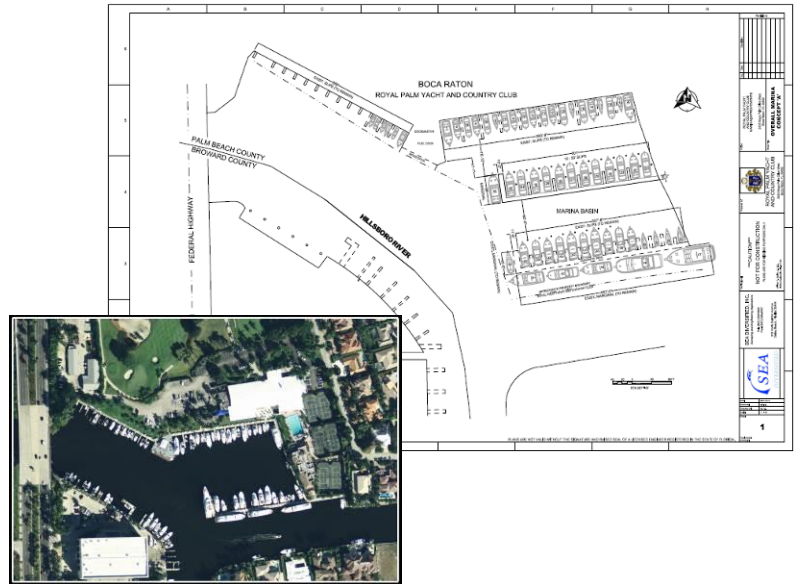
10/2013 - 2017

**Scope or nature of contract:**

William T. Sadler, Jr., P.E., P.S.M. provided marine consulting services pertaining to proposed marina improvements at the Royal Palm Yacht and Country Club (RPYCC). RPYCC contracted SDI to initiate a program replacing their existing marina along with the adjacent clubhouse facility. The marina improvements included: replacement and / or repairs to the bulkhead; replacement of the fixed concrete marginal walkway and finger piers along the north side of the marina with a floating marginal walkway and finger piers; addition of floating finger piers along the east bulkhead; replacement of the concrete fixed docks within the center of the basin with floating docks; replacement of all utilities (electric, water, sewer, cable and phone) and fire protection system; maintenance dredging.

Present status of the contract:

Construction Complete



Royal Palm Yacht & Country Club
Marina Improvements
Boca Raton, Florida



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Name & address of client:

Rumin
 2800 Yacht Club Blvd
 Fort Lauderdale, FL 33304

Nature of the firm's contract:

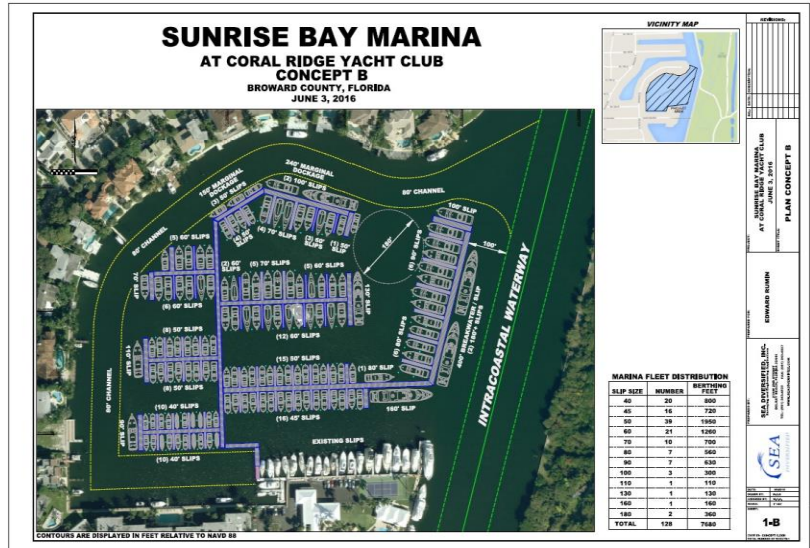
Marine Design Engineering

Owner's representative's name, addresses, & phone number:

Rumin
 2800 Yacht Club Blvd
 Fort Lauderdale, FL 33304
 POC: Mr. Edward Rumin
 (561) 841-3380

Date contract started & ended:

01/2018 – 2019



Sunrise Bay Marina
Fort Lauderdale, Florida

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for conceptual planning for the development and construction of the Sunrise Bay Marina located at the Coral Ridge Yacht Club. Project encompasses a 128-slip marina development project, with slips ranging from 50-feet to 180-feet.

Estimated construction cost \$10 million+

Present status of the contract:

SDI has provided conceptual planning including bathymetric and topographic surveys. Environmental permitting and construction phases to be determined.

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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Name & address of client:

Technomarine Construction, Inc.
 1208 U.S. Highway 1, Suite C
 North Palm Beach, FL 33408

Nature of the firm's contract:

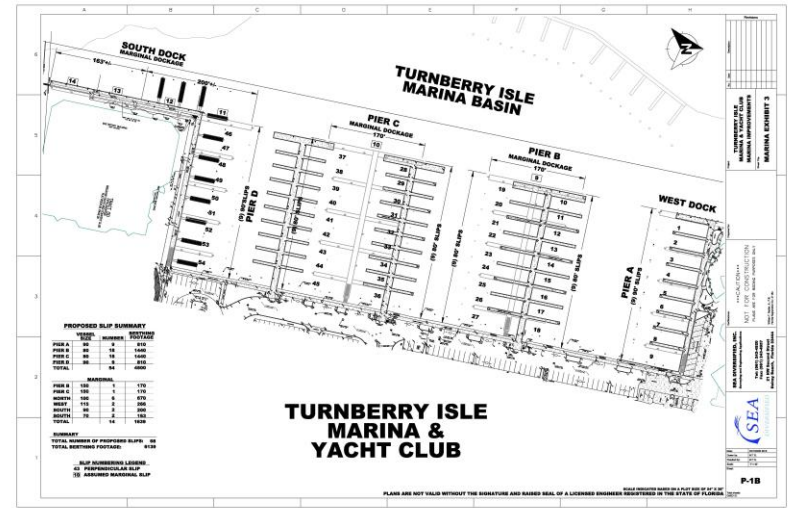
Environmental Permitting

Owner's representative's name, addresses, & phone number:

Turnberry Isle Marina & Yacht Club
 19735 Turnberry Way
 Aventura, FL 33180
 POC: Mr. Jat Talton
 (772) 341-7036

Date contract started & ended:

06/2015 – 2018



Turnberry Isle Marina and Yacht Club
Marina Improvements
Aventura, Florida

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for permitting and related services associated with proposed marina improvements at Turnberry Isle Marina and Yacht Club located in Aventura, Florida. Replacing existing concrete fixed-docks with Technomarine floating-docks in a modified configuration to accommodate a larger fleet mix at the facility. The proposed plan resulted in a decrease in the amount of slips, from 117-slips to 62-slips, however the linear berthing footage increased from 5,000 to 5,345 feet.

Present status of the contract:

Construction Complete



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Name & address of client:
 City of Bradenton
 1600 6th Street West
 Bradenton, FL 34208

Nature of the firm's contract:
 Marine Design Engineering
 Environmental Permitting
 Construction Administration

Owner's representative's name, addresses, & phone number:
 City of Bradenton
 1600 6th Street West
 Bradenton, FL 34208
 POC: Mr. Ralph Ward
 (941) 714-7502

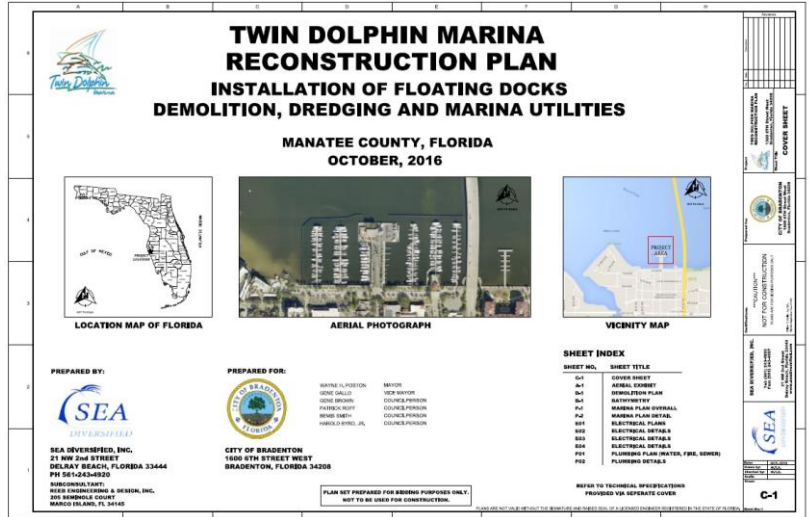
Date contract started & ended:
 05/2016 – 2020



Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for design engineering, permitting, and construction administration services in support of marina improvements at the Twin Dolphin Marina, including demolition of old fixed and floating docks, and installation of floating docks, marina utilities and dredging. Project encompasses a 100-slip marina improvement project, with slips ranging from 30-feet to 120-feet. Estimated construction cost \$6 million.

Present status of the contract:
 Construction Complete



**Twin Dolphin Marina
 Bradenton, Florida**





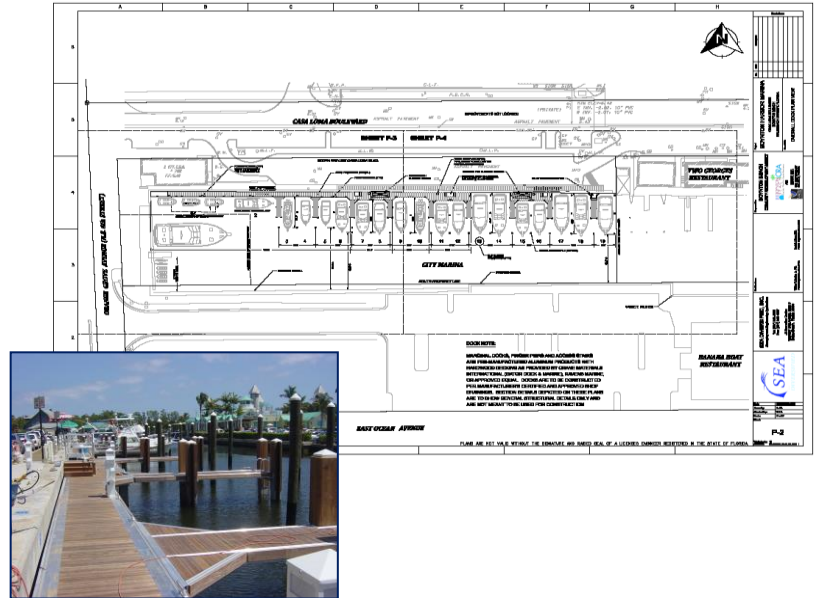
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Name & address of client:
 Boynton Beach CRA
 915 S. Federal Highway
 Boynton Beach, FL 33435

Nature of the firm's contract:
 Marine Design Engineering
 Environmental Permitting
 Construction Administration

Owner's representative's name, addresses, & phone number:
 Boynton Beach CRA
 915 S. Federal Highway
 Boynton Beach, FL 33435
 POC: Mr. Michael Simon
 (561) 737-3256

Date contract started & ended:
 02/2011 - 2012



Boynton Harbor Marina
City of Boynton Beach, Florida



Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for planning, permitting, design and construction administration of the Boynton Harbor Marina located along the waterfront in downtown Boynton Beach. The marina, formerly private owned and operated, is a unique facility comprised of charter fishing vessels, dive boats, private slips and large drift fishing "party" boat that has been operating out of the facility for over fifty (50) years. Scope of work included an evaluation of the condition of the facility as relating to the dock structures, utility infrastructure and slip sizes and make recommendations for improvements. Final design included full replacement of the docks and utilities factoring in structural adequacy, low maintenance, constructability, aesthetics, public safety and ADA conformity.

Present status of the contract:
 Construction Complete

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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Name & address of client:

Apeiron Miami
 11111 Biscayne Blvd
 Miami, FL 33181

Nature of the firm's contract:

Design Engineering
 Environmental Permitting

Owner's representative's name, addresses, & phone number:

Apeiron Holdings, LLC.
 11111 Biscayne Blvd
 Miami, FL 33181
 POC: Mr. Muayad Abbas
 (305) 400-4321

Date contract started & ended:

04/2015 – 2018



APEIRON

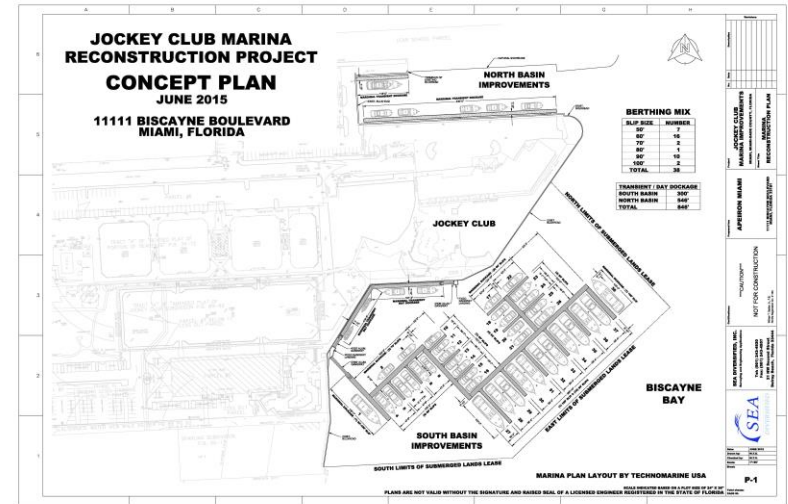
THE JOCKEY CLUB

Scope or nature of contract:

William T. Sadler, Jr., P.E., P.S.M. was responsible for design and permitting services relating to the construction of a private marina located adjacent to 11111 Biscayne Boulevard, Miami, Florida. SDI was contracted by Apeiron to assist in the acquisition of county, state and federal permits for the reconstruction of the marina. The facility shall be reconstructed at the same location and configuration as the original facility, changing from fixed to floating docks within the south marina basin area.

Present status of the contract:

Permitting and Design Complete – Construction Pending



The Jockey Club Marina Redevelopment
Miami, Florida

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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Name & address of client:

Channelside of Jax, LLC
 2650 Beach Boulevard
 Jacksonville Beach, FL 32250

Nature of the firm's contract:

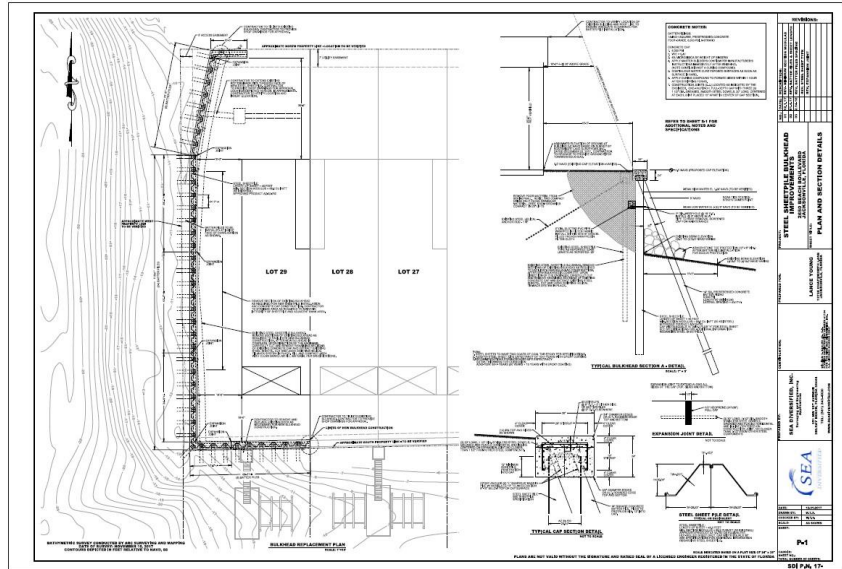
Marine Design Engineering
 Environmental Permitting
 Construction Administration
 Geotechnical Investigations

Owner's representative's name, addresses, & phone number:

Channelside of Jax, LLC
 2650 Beach Boulevard
 Jacksonville Beach, FL 32250
 POC: Mr. Lance W. Young
 (904) 742-5436

Date contract started & ended:

12/2017 –05/2018



Channelside Post-Storm Hurricane Irma
Bulkhead Improvements
Jacksonville, Florida

Scope or nature of contract:

Design engineering, permitting, construction administration, and geotechnical services to support the post-storm Hurricane Irma repairs and improvements of the bulkhead/seawall at Channelside property. Project encompasses a steel sheetpile wall with concrete batter pile system. Estimated construction cost \$600,000.

Present status of the contract:

Construction completed on-time and within budget in 2018.

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





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Name & address of client:
 Intergrated Construction Management,
 Inc. (ICMI)
 7011 N. Atlantic Avenue, Ste 202
 Cape Canaveral, FL 32920

Nature of the firm's contract:
 Marine Design Engineering
 Environmental Permitting
 Construction Administration
 Bathymetric/Topographic Surveys
 Geotechnical Investigations

**Owner's representative's name,
 addresses, & phone number:**
 NASA
 John F. Kennedy Space Center
 OP-ES, B1g N6-1009 (CIAO)
 Kennedy Space Center, FL 32899
 POC: Ms. Shannon O'Boyle
 (321) 613-2940

Date contract started & ended:
 12/2016 – 03/2018



NASA Jay Jay Railroad Bridge
Post-Storm Matthew Bulkhead Repair Project
Titusville, Brevard County, Florida

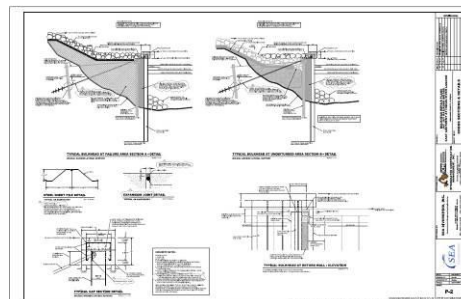
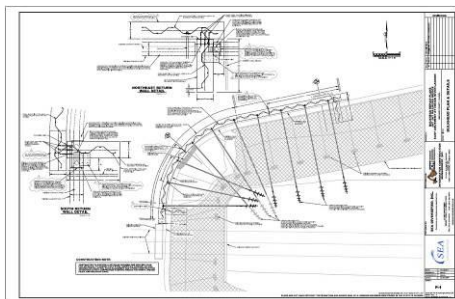


Scope or nature of contract:

Emergency response design engineering, surveying, permitting and construction administration services for bulkhead repair of the Jay Jay Railroad Bridge east abutment post-storm damage caused by Hurricane Matthew. Bulkhead consisted of steel sheetpile wall with helical anchor lateral support system and concrete cap. Hydrographic and topographic survey data collection to support design and permitting services. Design included stone armor protection.

Present status of the contract:

SDI completed project on-time and within budget. Construction completed in March, 2018.



Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





CITY OF HOLLY HILL
1065 Ridgewood Avenue Holly Hill, Florida 32117
www.hollyhillfl.org

**Building,
Zoning,
Licensing &
Inspections**
386-248-9442
Fax 386-248-9498

**City
Clerk**
386-248-9441
Fax 386-248-9448

**City
Manager**
386-248-9425
Fax 386-248-9448

**Economic
Development**
386-248-9424
Fax 386-248-9448

Finance
386-248-9427
Fax 386-248-9448

**Human
Resources**
386-248-9440
Fax 386-248-9448

**Information
Technology**
386-248-9449
Fax 386-248-9448

**Public
Works**
386-248-9463
Fax 386-248-9499

Recreation
386-248-9460
Fax 386-248-9446

**Utility
Billing**
386-248-9432
Fax 386-248-9448

March 16, 2021

RE: Sea Diversified, Inc.

To Whom it May Concern,

As a Project Manager for the City of Holly Hill, it is my pleasure to offer a letter of recommendation for Sea Diversified, Inc. In the past eight years, the City has worked with Sea Diversified for a new pier project at our Riverside Park, and is currently working with Sea Diversified for a replacement pier as well as the design/engineering for the seawalls located at our Sunrise Park.

Riverside Park Pier features a fantastic design of concrete pilings, composite decking and aluminum handrails. This pier was completed in 2015, and despite enduring multiple hurricanes, the pier remains in pristine functional condition.

The pier and seawalls at our Sunrise Park were severely damaged during Hurricanes Matthew and Irma. The Federal Emergency Management Agency (FEMA) had changed the scope of work requirements for both the pier and the seawall after the notice to proceed with design was issued by the City. Throughout these changes, Sea Diversified has remained admirably calm and helpful, modified all designs to fit revised FEMA requirements, and have requested no change orders with the City. I have found Sea Diversified to be a highly responsive firm, very informed in marine construction, a pleasure to work with, and highly recommend their services to your organization.

Please feel free to contact me at sjuengst@hollyhillfl.org or at (386) 248-9418 if you would like more information.

Sincerely,

Steven Juengst, Administration Manager
City of Holly Hill
Department of Public Works
453 LPGA Blvd
Holly Hill, Florida 32117
(386) 248-9418 phone ; (386) 248-9499 fax
sjuengst@hollyhillfl.org ; www.hollyhillfl.org



Village of North Palm Beach
Public Works Department
645 Prosperity Farms Road
North Palm Beach, Florida 33408
(561) 904-2139

March 17, 2021

To Whom It May Concern:

Please accept this letter of recommendation for William T. Sadler Jr. President of Sea Diversified, Inc.

Sea Diversified, Inc was a very integral part of our North Palm Beach Marina reconstruction and building of floating docks. Mr. Sadler was very professional throughout the project and was diligent in guiding us through the entire process.

North Palm Beach was completely satisfied with their services and highly recommend them to any agency needing assistance. His extensive knowledge of the industry made him the right choice for the Village. He came highly recommended through many different engineering firms in the area.

Please do not hesitate to contact me should you need additional information.

All the best,

A handwritten signature in blue ink that reads "Chuck Huff". The signature is stylized and cursive.

Chuck Huff
Public Works Director
Village of North Palm Beach

From: [Mark Garro](#)
To: [Bill Sadler, PE, PSM](#)
Subject: Letter of Reference
Date: Tuesday, March 16, 2021 1:28:56 PM

To Whom It May Concern,

During the past 12 months, we have used Sea Diversified on several multi-million-dollar projects. William T. Sadler Jr., P.E., P.S.M. President, and his staff at Sea Diversified have performed outstandingly. Their knowledge in the engineering field is exceptional and they have provided services in a timely fashion, especially on complex projects such as ours. Their interaction with various Governmental Agencies on the Local, State and Federal level has been instrumental in gaining approvals for permits and collaboration with Project Management and Ownership.

Therefore, I would like to offer my highest recommendation of Sea Diversified, Inc., 160 Congress Park Drive, Suite 114, Delray Beach, FL 33445. Feel free to contact me should you have any questions. Thank you.

Best regards,

Mark Garro

Vice President, Resort Engineering and Reserves
Bluegreen Vacations Corporation

Bluegreen Vacations

The Fountains - Lake Eve
12388 South International Drive
Orlando, FL 32821

Mobile: 407.902.5047
mark.garro@bluegreenvacations.com
www.bluegreenvacations.com

share happiness

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City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Four:

Project Team Form

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section Four: Project Team Form
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22
Page | 1

Attachment – Project Team Form

Attachments – Licenses and Certifications

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com



PROJECT TEAM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

RLI NUMBER # E-07-22

Federal I.D.# _____

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	_____	_____	_____
Project Manager	_____	_____	_____
Asst. Project Manager	_____	_____	_____
Other Key Member	_____	_____	_____
Other Key Member	_____	_____	_____

SUB-CONSULTANT

Role	Company/Firm Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	_____	_____
	_____	_____
Landscaping	_____	_____
	_____	_____
Engineering	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____



Ron DeSantis, Governor



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SADLER, WILLIAM THOMAS JR

160 CONGRESS PARK DRIVE
SUITE 114
DELRAY BEACH FL 33445

LICENSE NUMBER: PE41184

EXPIRATION DATE: FEBRUARY 28, 2023

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

March 2, 2021

SEA DIVERSIFIED INC
160 CONGRESS PARK DR STE 114
DELRAY BEACH, FL 33445-4724

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB7342

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2023.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB7342**
Expiration Date February 28, 2023

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

SEA DIVERSIFIED INC
160 CONGRESS PARK DR STE 114
DELRAY BEACH, FL 33445-4724

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE



Office of
Equal Business Opportunity
 50 South Military Trail, Suite 202
 West Palm Beach, FL 33415
 (561) 616-6840
 www.pbcgov.com/oebo



**Palm Beach County
 Board of County
 Commissioners**

Mack Bernard, Mayor
 Dave Kerner, Vice Mayor

Hal R. Valeche
 Gregg K. Weiss
 Robert S. Weinroth
 Mary Lou Berger
 Melissa McKinlay

County Administrator

Verdenia C. Baker

"An Equal Opportunity
 Affirmative Action Employer"

September 12, 2019

Sea Diversified, Inc.
 151 NW 1st Avenue
 Delray Beach, FL 33444

Dear William Sadler:

The Palm Beach County Office of Equal Business Opportunity (OEBO) has completed its review of your application and documents and is pleased to announce that your firm has been re-certified for:

- 90510 - Aerial Surveys and Mapping Services
- 91842 - Engineering Consulting
- 92033 - Mapping Services, Digitized, Cartography
- 92500 - Engineering Services, Professional
- 92535 - Environmental Engineering
- 92573 - Ocean Engineering Services
- 92586 - Surveyor Services, Land
- 96141 - Global Positioning Systems Surveying Services
- 96252 - Mapping & Geographical Information Systems (GIS) Services
- 95953 - Marine Survey Services (Including Sonar, Radar, Location/Recovery of Sunken Objects, etc.)

as a Small Business Enterprise (SBE) for three (3) years, expiring **September 11, 2022**. You will not receive Small Business Enterprise (SBE) consideration if you bid in another area. Enclosed is your certificate.

Your firm shall be subject to the provisions of the Palm Beach County Purchasing Ordinance and all State and Federal laws relating to the transaction of business.

This certification entitles you to participate in contracting opportunities when the products and services offered by your firm are being considered for bid. As an additional service to your firm, you will be included in the Palm Beach County Directory of certified S/M/WBE firms. If you wish to have your firm's listing changed, please contact our office at (561) 616-6840 for an application to modify your certification.

Your company's certification is subject to periodic review to verify your continued eligibility. Any changes you report to any County Department/Division must also be reported to OEBO. Your company name and vendor code must be the same in both Purchasing and OEBO.

Failure to maintain your firm in accordance with S/M/WBE requirements contained in the Palm Beach County Code or failure to report changes in the status of your firm may result in your firm being decertified. Remember, whenever you respond to a County bid you must do so under the name of **Sea Diversified, Inc.** with vendor code **VC0000010134**.

Sincerely,

Angela Smith
 Small Business Development Specialist II

Palm Beach County Office of Equal Business Assistance

Certifies That

SEA DIVERSIFIED, INC.

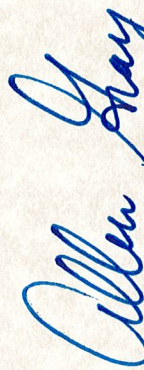
Vendor # VC0000010134

***is a Small Business Enterprise as prescribed by section 2-80.20 – 2-80.40 of the
Palm Beach County Code for a three year period from
September 12, 2019 - September 11, 2022***

The following Services and/or Products are covered under this certification:

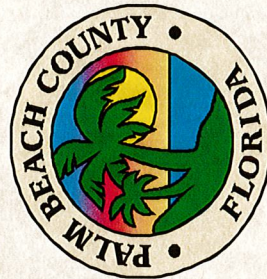
**Aerial Surveys and Mapping Services
Engineering Consulting
Mapping Services, Digitized, Cartography
Engineering Services, Professional
Environmental Engineering
Ocean Engineering Services
Surveyor Services, Land**

**Global Positioning Systems Surveying Services
Mapping & Geographical Information Systems
Marine Survey Services (Including Sonar, Radar,
Location/Recovery of Sunken Objects, etc.)**



Allen F. Gray, Manager

9/11/2019



Palm Beach County Board of County Commissioners

Mack Bernard, Mayor
Dave Kerner, Vice Mayor
Hal Valeche
Greg K. Weiss
Robert S. Weinroth
Mary Lou Berger
Melissa McKinlay,

County Administrator
Verdenia C. Baker



Licensee

Name: **KEITH & ASSOCIATES, INC.** License Number: **7928**
 Rank: **Registry** License Expiration Date:
 Primary Status: **Current** Original License Date: **04/03/1998**

Related License Information

License Number	Status	Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
32090	Current, Active	WILLIAMS, STEPHEN DONALD	Registry		Professional Engineer	02/28/2023



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

February 19, 2021

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB6860

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2023.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB6860**
Expiration Date February 28, 2023

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

KEITH AND ASSOCIATES INC
301 EAST ATLANTIC BLVD
POMPANO BEACH, FL 33060-6643

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE



Ron DeSantis, Governor



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FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WILLS, JAME JELANI BRAD

3755 SW 90 AVENUE
MIRAMAR FL 33025

LICENSE NUMBER: PE85632

EXPIRATION DATE: FEBRUARY 28, 2023

Always verify licenses online at MyFloridaLicense.com



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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS5660**

Expiration Date February 28, 2023

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

MICHAEL MARK MOSSEY
11311 NW 37 ST.
SUNRISE, FL 33323

A handwritten signature in black ink that reads "nicole fried".

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WILLIAMS, STEPHEN DONALD

2365 NE 7TH PLACE
FT. LAUDERDALE FL 333043545

LICENSE NUMBER: PE32090

EXPIRATION DATE: FEBRUARY 28, 2023

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PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

DONAHUE, THOMAS F.

1637 E. CLASSICAL BLVD
DELRAY BEACH FL 33445

LICENSE NUMBER: PE60529

EXPIRATION DATE: FEBRUARY 28, 2023

Always verify licenses online at MyFloridaLicense.com



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State of Florida

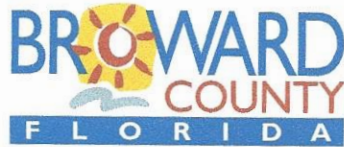
Woman Business Certification

Coastal Eco-Group Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
11/02/2021 to 11/02/2023



J. Todd Inman
Florida Department of Management Services



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

Governmental Center Annex

115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674

August 23, 2021

Ms. Cheryl Miller
COASTAL ECO-GROUP, INC.
 665 SE 10th Street, Suite 104
 Deerfield Beach, Florida 33441

Dear Ms. Miller:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to ensure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application, and all required supporting documentation for review.

To review current Broward County Government bid opportunities, visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over \$3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Contract Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541620, 541690

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

SANDY-MICHAEL MCDONALD
 Digitally signed by SANDY-MICHAEL MCDONALD
 Date: 2021.08.26 13:12:08 -04'00'

Sandy-Michael McDonald, Director
 Office of Economic and Small Business Development

Cert Agency: BC-CBE
ANNIVERSARY DATE: AUGUST 6th



**HUMISTON
& MOORE
ENGINEERS**

COASTAL
ENGINEERING DESIGN
AND PERMITTING

5679 STRAND COURT
NAPLES, FLORIDA 34110
FAX: 239 594 2025
PHONE: 239 594 2021

February 23, 2022

Sea Diversified Inc.
Attn: Neil Wood, Project Manager
160 Congress Drive, Suite 114
Delray Beach, FL 33445

Regarding: City of Pompano Beach Letter of Interest No. E-07-22
Continuing Contract for Marine Engineering Services
Letter of Commitment

Dear Neil,

On behalf of Humiston & Moore Engineers, please accept this letter of commitment from our firm to provide supporting coastal and marine engineering services to Sea Diversified Inc. (Prime) relative to the scope of services presented under the City of Pompano Beach Letter of Interest E-07-22.

Our firm has significant experience in the design, permitting and implementation of coastal engineering projects in Florida including beach nourishment, erosion control structures, and inlet dredging and management in Florida since 1991. As president of the company, I will be Principal-in-Charge, and Dr. Mohamed Dabees, Vice President and Principal Engineer, will serve as Project Manager.

We look forward to serving the City as part of your team.

Sincerely yours,

HUMISTON & MOORE ENGINEERS

Brett D. Moore, P.E.

Enclosures



Coastal Eco-Group, Inc.

665 SE 10th St. Suite 104
Deerfield Beach, FL 33441
(954)591.1219 Phone • (954)653-2981 Fax
www.coastaleco-group.com

February 23, 2022

Sea Diversified Inc.
Attention: Mr. Neil Wood, Project Manager
160 Congress Park Drive, Suite 114
Delray Beach, FL 33445

Re: Request for Letters of Interest- No. E-07-22
Continuing Contract for Marine Engineering Services- Benthic Surveys and Biological Services

Dear Neil:

The environmental consulting firm of Coastal Eco-Group, Inc. has committed to act as a subcontractor to the engineering/surveying firm of Sea Diversified Inc. (Prime Contractor) for the above referenced solicitation. Established in 2005, Coastal Eco-Group Inc. (CEG) is a woman-owned firm based in Deerfield Beach and is registered as a County Business Enterprise (CBE) with Broward County Office of Economic and Small Business Development. Ms. Cheryl Miller, President and Principal Scientist, will serve as the Project Lead, and Ms. Angela Delaney, a resident of the City of Pompano Beach, will serve as Field Operations Supervisor and Project Manager for all tasks.

Sincerely,

A handwritten signature in cursive script that reads 'Cheryl Miller'.

Cheryl Miller
President
Coastal Eco-Group Inc.



City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Five: Organizational Chart

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section Five: Organizational Structure and Chart
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Page | 1

Organizational Structure

SDI shall provide trained and experienced personnel to support the requirements of the Continuing Contract for Marine Engineering Services. William T. Sadler Jr., P.E., P.S.M., President and founder, with over thirty (30) years of experience related to large and small-scale marine engineering projects and specializes in marina design and permitting, will be in responsible charge of this project and the primary point of contact for representatives of the City pertaining to both contractual and project related matters.

Mr. Sadler is supported by key staff members and sub-consultants comprised of marine engineers, marine biologists, civil / drainage engineers, surveyors, computer technicians and sufficient field support staff that are experienced and trained in marine engineering and related disciplines. A summary of the Key **SDI** Team members are as follows:

Project Management

William T. Sadler, Jr., P.E., P.S.M., President and founder of **SDI**, will serve as Project Manager for this contract. Mr. Sadler has served as Project Manager on multiple municipal contracts encompassing similar marine/coastal engineering and related services for municipalities such as the City of Riviera Beach, City of Holly Hill, City of Pompano Beach, City of Bradenton, Village of North Palm Beach, City of Boca Raton, City of Fort Lauderdale and the City of Pahokee. For this contract, Mr. Sadler will coordinate all tasks including contract negotiations, development of schedules, monitoring field and office operations, and reviewing final products prior to delivery. He will serve as the point-of-contact between **SDI**, City of Pompano Beach and subconsultants, and shall ensure that projects are completed on time and within budget. These responsibilities are key to any project and are considered essential to assure that objectives are met and a sound client – contractor relationship is continuously maintained.

Summary of Key Team Members:

William T. Sadler, Jr., P.E., P.S.M. – SDI Project Manager

Education:

- Florida Atlantic University
- B.S. Ocean Engineering, 1984

Professional Registration

- Professional Engineer, Florida 1989, PE41184
- Professional Surveyor and Mapper, Florida, 1998, LS5859

Corporate Experience:

- Sea Diversified, Inc. – Surveying & Engineering
 - President / Owner
 - 2004 to Present
- Sea Systems Corporation – Surveying & Engineering
 - Owner – Professional Engineer
 - 1990 – 2004
- Keith & Schnars, P.A.
 - Engineer, Director of Business Development
 - 1986 - 1990

Neil Wood – SDI Project Engineer

Education:

- Florida Atlantic University

Sea Diversified, Inc.
 160 Congress Park Drive, Suite 114
 Delray Beach, Florida 33445
 561.243.4920
www.seadiversified.com





Section Five: Organizational Structure and Chart
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Page | 2

- B.S. Ocean Engineering, 2006

Corporate Experience:

- Sea Diversified, Inc. – Surveying & Engineering
 - Project Engineer
 - 2009 to Present
- Coastal Planning & Engineering – Surveying & Engineering
 - Coastal Engineer
 - 2006 - 2009

Collins K. McKay – Project Marine Engineer

Education:

- M.S. Ocean Engineering, Florida Atlantic University, 1984
- B.S. Civil Engineering, University of Florida, 1981

Professional Registration:

- Professional Engineer, Florida 1989, PE41571 (Inactive)

Corporate Experience:

- Sea Diversified – Project Engineer
 - 2005 - Present

Randy Foltz – SDI Project Manager

Education:

- Bachelor of Architecture, Arizona State University

Professional Registration:

- Architect Alaska #A486, Hawaii, #678, NCARB #47911

Corporate Experience:

- Sea Diversified – Project Manager
 - 2019 - Present

Cheryl Miller – Marine Biologist (Coastal Eco-Group, Inc.)

Education:

- M.S. Biological Sciences, Florida Atlantic University, 2000
- B.S. Marine Biology, Florida Atlantic University, 1996
- B.S. Engineering Management, Drexel University, 1995
- B.A. University of Pennsylvania, 1992

Corporate Experience:

- Coastal Eco-Group – Marine Biology
 - President, Principal Scientist
 - 2005 - Present

Angela Delaney – Marine Biologist (Coastal Eco-Group, Inc.)

Education:

- M.S. Marine Sciences, Nova University, 2006
- B.S. Marine Science, Coastal Carolina University, 2002

Corporate Experience:

- Coastal Eco-Group – Marine Biology
 - Senior Scientist, Field Operations Specialist
 - 2008 - Present

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114
 Delray Beach, Florida 33445
 561.243.4920
www.seadiversified.com





Section Five: Organizational Structure and Chart
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Page | 3

Mohamed A. Dabees, PHD, PE, D. CE, Vice President – Coastal Engineer (Humiston & Moore, Inc.)

Education:

- Ph.D. Civil Engineering, Queens University, 2000
- M.S. Civil Engineering, Drexel University, 1995
- M.S. Engineering Management, Drexel University, 1995
- B.S. Civil Engineering, Alexandria University, 1988

Professional Registration:

- Professional Engineer, Florida, PE58003

Corporate Experience:

- Humiston & Moore Engineers – Coastal Engineering
 - Vice President
 - 2000 - Present

Marc Damon, M.sc, P.E. – Coastal Engineer (Humiston & Moore, Inc.)

Education:

- M.S. Coastal Engineering, Florida Institute of Technology, 2003
- B.S. Ocean Engineering, Florida Institute of Technology, 2001

Professional Registration:

- Professional Engineer, Florida, PE70615

Corporate Experience:

- Humiston & Moore Engineers – Coastal Engineering
 - Coastal Engineer
 - 2004 - Present

Stephen D. Williams, Sr., P.E. – Mobility Expert (KEITH)

Education:

- B.S. Civil Engineering, University of Florida, 1977

Professional Registration:

- Professional Engineer, Florida, PE32090

Corporate Experience:

- KEITH – Civil Engineering
 - Mobility Expert
 - 2014 – Present
- Total Years of Experience - 44

Jame Wills, P.E., LEED AP ND - Drainage Engineer (KEITH)

Education:

- M.S. Engineering Management, Florida International University, 2017
- B.S. Civil Engineering, Florida International University, 2013

Professional Registration:

- Professional Engineer, Florida, PE85632

Corporate Experience:

- KEITH – Civil Engineering
 - Drainage Engineer
 - 2018 – Present
- Total Years of Experience - 8

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114
 Delray Beach, Florida 33445
 561.243.4920
www.seadiversified.com





Section Five: Organizational Structure and Chart
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22
Page | 4

Danny Brannon P.E. – Electrical Engineer (Brannon & Gillespie, LLC)

Education:

- BSEE Electrical Engineering, Auburn University, 1973

Professional Registration:

- Professional Engineer, Florida, PE25601

Corporate Experience:

- Brannon & Gillespie – Electrical Engineering
 - Electrical Engineer
 - 2001 - Present

John H. Sprague – Grants Acquisition Specialist (JH Sprague Consulting, LLC)

-

SDI Project Survey Staff:

Ronald Ball – SDI Survey Manager

Scott McNeil – SDI Field Supervisor

Timothy Thomas – SDI Field Technician

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114

Delray Beach, Florida 33445

561.243.4920

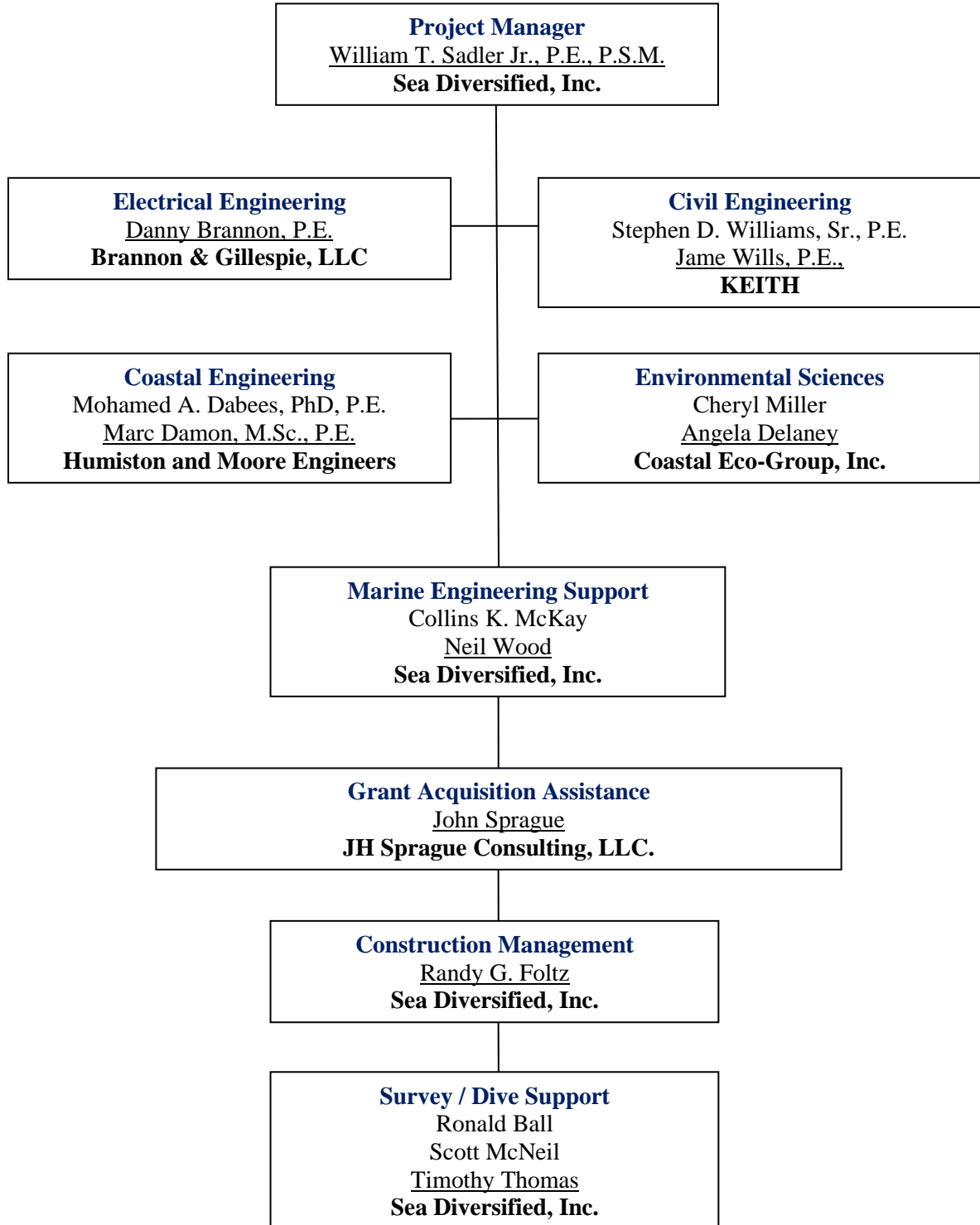
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Section Five: Organizational Structure and Chart
City of Pompano Beach
Request for Letters of Interest
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ORGANIZATION CHART



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Section Six:

Statement of Skills and Experience of Project Team

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Sea Diversified, Inc. (SDI), established in 2004, is a privately owned and operated multi-disciplinary marine / coastal engineering and surveying firm with established offices in Delray Beach (Palm Beach County), Florida. **SDI** was founded by William T. Sadler Jr., P.E., P.S.M., a long time resident of Palm Beach County who was joined by officers and key personnel that have worked together for over twenty (20) years in the engineering and surveying industry. Mr. Sadler is a graduate of Florida Atlantic University with a B.S. in Ocean Engineering and is currently licensed as a Professional Engineer and Professional Surveyor and Mapper in the State of Florida. **SDI** is licensed by the State of Florida Board of Professional Engineers and Professional Surveyors and Mappers. **SDI** is a Certified Small Business Enterprise (**SBE**) in Palm Beach County.

SDI was originally founded and continues to specialize in the fields of marine / coastal engineering, surveying and environmental sciences. Services offered by **SDI** include marine / coastal engineering and permitting services; marina and waterfront planning and design; above and below-water engineering inspection of marine structures; wave, current and tide studies; shoreline change assessment; bathymetric and topographic surveying and mapping; environmental sciences; sediment studies and subsurface material classification; subaqueous utilities mapping; construction administration.

Areas of Technical Specialization

Marine / Coastal Engineering

- **Marina Planning, Permitting, Design and Construction**
 - Slip Mix Development and Berthing Layout
 - Basin Design, Ingress / Egress and Wave Protection
 - Floating versus Fixed Dock Analysis
 - Utility Infrastructure and Fuel Systems
 - Upland and Waterside Amenities
 - ADA Compliance
 - Marina Operations and Maintenance
- **Marine Structures – Design and Construction**
 - Seawalls
 - Docks and Piers – Fixed and Floating
 - Breakwaters
 - Revetments and Shoreline Stabilization
- **Dredging and Dredged Material Handling**



Environmental

- **Environmental Studies**
- **State and Federal Permitting**
- Field Investigations for Planning, Design and Permitting**
 - **Underwater Inspection of Marine Structures**
 - **Seabed Classification**
 - **Side Scan Sonar**
 - **Magnetometer**
 - **Sub-Bottom Profiling and Sediment Sampling**
 - **Current, Wave and Tide Studies**



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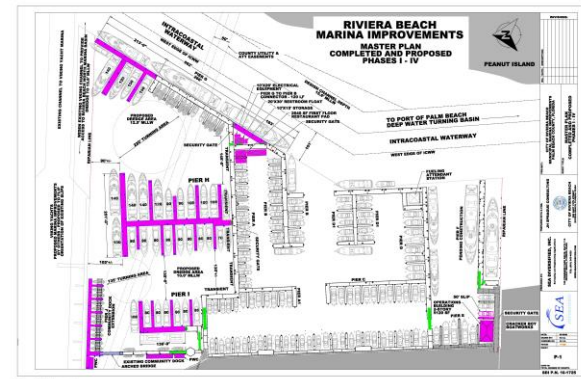
Surveying and Mapping

- **Automated Hydrographic – Single and Multi-Beam**
- **Topographic**
- **Boundary including State Submerged Land Lease/Easement**
- **Construction Stake-out and As-builts**



Marine / Coastal Engineering

SDI's marine engineering capabilities begin with a sound understanding of the marine environment. This understanding is crucial for gathering data for the proper design of marine structures. This fundamental understanding, combined with SDI's extensive experience working in and around the coastal and marine environment, allows SDI to plan and design waterfront facilities and structures under the most unique and dynamic conditions. Criteria such as wind, storm surge, wave forecasting, corrosion, erosion, soil stratification of shorelines, ship impacts, facility infrastructure and utility needs apply, along with sound engineering principles, are all factored in to SDI designs, as applicable, with the objective that structures require minimum maintenance and maintain a useful life expectancy of at least 50 years. Our designs include marinas with fixed and floating docks; boat ramps; piers and lake walks and shoreline protection such as seawalls, rock revetments and breakwaters.



Our designs include marinas with fixed and floating docks; boat ramps; piers and lake walks and shoreline protection such as seawalls, rock revetments and breakwaters.

Representative Marina Projects - Public

- Riviera Beach Municipal Marina - Palm Beach County, Florida
- Village of North Palm Beach Marina - Palm Beach County, Florida
- City of Bradenton Twin Dolphin Marina – Manatee County, Florida
- Boynton Harbor Marina - Palm Beach County, Florida
- Hillsboro Fishing Club, Pompano Beach, Florida
- Pahokee Marina - Palm Beach County, Florida
- Fort Lauderdale / Suntex Las Olas Marina - Broward County, Florida
- Miami Beach Marina – Suntex – Miami-Dade County, Florida
- Fort Lauderdale Riverfront Day Dockage - Broward County, Florida
- City of Eustis Marina – Orange County, Florida

Marina Projects - Private

- Buccaneer Marina – Palm Beach Shores, Palm Beach County, Florida
- Marinemax – Stuart, Martin County, Florida
- Moss Marina – Lee County, Florida
- Hawks Cay Resort Marina, Monroe County, Florida
- Harbor Village Marina - Ponce Inlet, Volusia County, Florida
- Loggerhead Marina – Palm Beach, Florida
- Turnberry Isles Marina – Miami-Dade County, Florida
- Jockey Club Marina - Miami-Dade County, Florida
- Marina Grande - Miami-Dade County, Florida

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- Marina Grande – Volusia County, Florida
- Bluetide Marina - Volusia County, Florida
- Gundlach’s Marina Expansion – Palm Beach County, Florida
- Ocean Cove Marina – Palm Beach County, Florida
- The Symphony Marina – Broward County, Florida
- Grand Harbor Marina – Martin County, Florida
- Blackpoint Marina – Miami-Dade County, Florida
- Marina Village – Palm Beach County, Florida
- The Waterways Marina – Miami-Dade County, Florida
- Frenchman’s Marina - Palm Beach County, Florida
- Hacienda Cove Marina – Broward County, Florida

Representative Seawall Projects

- Riviera Beach Marina - Palm Beach County, Florida
800 lf steel sheetpile seawall, helical anchors & concrete cap
- City of Holly Hill Sunrise Park, Volusia County, Florida
590 lf composite sheetpile seawall, batter piles & concrete cap
- City of Pompano Beach Alsdorf Park, Broward County, Florida
370 lf of concrete seawall, king/batter piles & concrete cap
 - (Currently in Design & Permitting Phase)
- City of Pompano Beach Riverside Park, Broward County, Florida
450 lf of concrete panel seawall, king/batter piles & concrete cap
- Las Olas Marina, Suntex, Broward County, Florida
800 lf steel sheetpile seawall, batter piles & concrete cap
 - (Currently in Design & Permitting Phase)
- Dolphin Beach Club, Volusia County, Florida
110 lf steel sheetpile seawall, helical anchors & concrete cap
- Pahokee Marina - Palm Beach County, Florida
300 lf steel sheetpile seawall, batter piles & concrete cap
- NASA Jay Jay Railroad – Brevard County, Florida
300 lf steel sheetpile seawall, tie-backs & concrete cap
- Loggerhead Marina - Riviera Beach, Florida
800 lf concrete panel seawall, king/batter piles & concrete cap
- Loggerhead Marina – Palm Beach Gardens, Florida
1000 lf concrete seawall restoration
- Marina Grande - North Miami Beach, Florida
2200 steel sheetpile seawall, batter piles & concrete cap
- Ocean Cove Marina - Highland Beach, Florida
600 lf of vinyl sheetpile seawall with auger-cast pile support
- The Symphony Marina - Fort Lauderdale, Florida
400 lf steel sheetpile seawall with concrete cap and batter piles
- The Peninsula – Boynton Beach , Florida
1000 lf of steel sheetpile seawall with helical tie-back system
- Harbor Village Marina - Ponce Inlet, Volusia County, Florida
2000 lf of steel sheetpile seawall with steel tension pile supports



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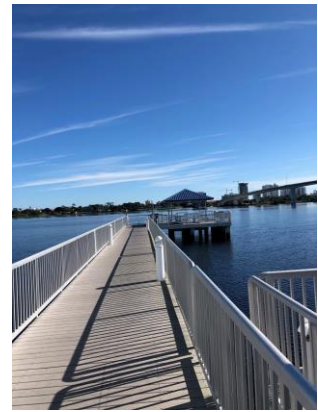
Representative Dredging Projects

- City of Riviera Beach Marina Basin Dredging
- City of Pahokee Marina Basin Dredging
- City of Pompano Beach Canal Maintenance Dredging Program
- City of Lighthouse Point Canal Maintenance Dredging Program
- City of Plantation Canal Maintenance Dredging Program
- City of Deerfield Beach Canal Maintenance Dredging Program
- City of Dania Canal Maintenance Dredging Program
- City of Bradenton, Twin Dolphin Marina Dredging
- Marinemax – Stuart Marina Dredging
- Marinemax – Pompano Marina Dredging
- Bluetide – Daytona Marina Dredging
- Las Olas Marina Dredging, Fort Lauderdale
- Loggerhead Marina Basin Dredging
- Marina Village Basin Dredging
- Harbor Village Marina and Entrance Dredging
- Royal Palm Marina and Yacht Club Basin Dredging



Other Representative Marine Engineering Projects

- City of Holly Hill Sunrise Park Fishing Pier
- City of Holly Hill Riverside Park Fishing Pier
- Volusia County Roberta Park Fishing Pier
- Rock Revetment – Marinemax, Stuart
- Rock Revetment – The Hammocks, Marathon, Florida Keys
- Rock Revetment / Breakwater – Ocean Cove, Highland Beach
- Rock Revetment / Breakwater – Bluewater Cove, Gulfstream



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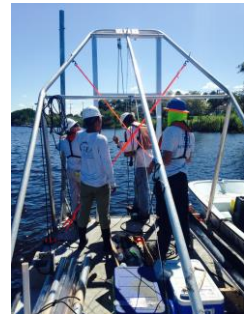


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Other Services

- Environmental Studies
- Environmental Permitting
- Field Investigations for Planning Design and Permitting
- Engineering Inspections and Dive Services
- Seabed Classification
- Side Scan Sonar Survey
- Magnetometry
- Sub-Bottom Profiling and Sediment Sampling
- Current, Wave and Tide Studies
- Surveying and Mapping
- Hydrographic Surveys
- Survey Support for Detailed Design and Construction
- Construction Layout and Alignment Surveys
- Real Estate Boundary, Tidal and Sovereign Submerged Lands Surveys



Project Team

SDI is pleased to have experienced subconsultants as part of the team to support the requirements of the Continuing Contract for Marine Engineering Services. This includes environmental specialist (Coastal Eco-Group, Deerfield Beach, Florida) to perform marine resources investigations and other environmental studies and activities, which are components of almost every marine engineering project. **SDI** has also brought to the team a coastal engineering subconsultant (Humiston and Moore, Naples, Florida) to assist with beach related activities (beach renourishment) and specialized hydraulic modeling efforts such as wind, wave and current studies. For assistance with the design of stormwater systems and other upland improvements **SDI** has incorporated a civil engineering consultant (KEITH, Pompano Beach, Florida) as part of the team. The civil consultant is a local, City of Pompano Beach firm demonstrating our willingness and desire to support local business participation. In the event there are marine electric or lighting components of the project, **SDI** has brought to the team an electrical engineering consultant (Brannon & Gillespie, LLC, North Palm Beach, Florida) with extensive experience in marine electrical systems. Lastly, to support the City with seeking and applying for local, state and/or federal grants, **SDI** has included a grants acquisition specialist (JH Sprague Consulting, Stuart, Florida) as part of the team. **SDI** is pleased to have the long-term commitment of their team members and can assure the City only the highest level of professionalism and support on any marine engineering project under this contract.

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Section Six: Statement of Skills and Experience of Project Team

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Brief highlights of each team member are as follows:

Environmental Sciences Sub-Consultant – Coastal Eco-Group, Inc.

Coastal Eco-Group, Inc. (CEG) shall assist **SDI** with the environmental challenges that are inherent to most marine-related projects. This includes environmental studies in support of marina and other marine/coastal design projects, assistance with environmental permitting, mitigation planning and design, and participation with environmental regulatory agency coordination efforts. Ms. Cheryl Miller, Owner and CEO of **CEG**, has extensive experience in marine / coastal environmental sciences and related disciplines. **CEG** is a woman-owned firm based in Deerfield Beach and is registered with Broward County Office of Economic and Small Business Development as a County Business Enterprise (CBE). **SDI** has worked with **CEG** on numerous marine related projects including seagrass surveys associated with improvements to the City of Riviera Beach Marina and seagrass mapping efforts pertaining to the Lake Worth Lagoon environmental monitoring program.

Coastal Engineering Sub-Consultant – Humiston and Moore Engineers

To supplement **SDI**'s marine/coastal engineering experience and capabilities, **SDI** incorporated as part of the team **Humiston and Moore Engineers (H&M)**. **H&M** is a coastal engineering firm with an extensive degree of experience in coastal engineering projects including the design, permitting and construction management of coastal projects. **H&M** has specific experience with hydraulic modeling and numerical modeling of nearshore waves and currents and has performed wind, wave and current studies serving as the basis for the current fixed and floating dock design on several **SDI** marina development projects. **SDI** has worked extensively with **H&M** on over a hundred projects completed jointly throughout the State of Florida and Caribbean Islands. This includes the Riviera Beach Marina improvement project, City of Bradenton Twin Dolphin Marina reconstruction project, Summers End Marina project in St. John, V.I., Hillsboro Beach restoration project including numerous other beach restoration and monitoring projects along both the east and west coasts of Florida. We are pleased to have **H&M** as part of the team and this organization will be available to assist the City with any coastal engineering and wave modeling requirements.

Civil Engineering Sub-Consultant – KEITH

To support **SDI** on the design of upland facilities, utility infrastructure and stormwater systems, **SDI** has incorporated as part of their team **KEITH**, a local City of Pompano Beach planning, civil engineering and surveying firm. **KEITH** was incorporated in 1998 and can provide a full range of professional services to supplement **SDI**'s marine engineering activities. This includes civil engineering, stormwater design, subsurface utility engineering, traffic engineering, planning, landscape architecture, construction management and surveying and mapping services. **KEITH** has been providing general engineering and surveying and mapping services to the City of Pompano Beach since 2002 under an ongoing continuing services contract. Under this contract **KEITH** has completed numerous engineering and surveying projects throughout the City and as such have gained extensive knowledge of the City along with great understanding of City requirements in support of continuing services contracts. **SDI** has worked with the **KEITH** team on several projects, providing hydrographic survey support on South Florida Water Management District (SFWMD) projects.

Electrical Engineering Sub-Consultant – Brannon & Gillespie, LLC

Electrical and specifically the proper design of marine power distribution systems is critical to any marine engineering project. **Brannon & Gillespie, LLC (B&G)** is an electrical engineering firm that specializes in the design of marine electrical and lighting systems and has been on the **SDI** team for multiple marina development

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projects including the Riviera Beach Marina, Anchorage Park Marina for the Village of North Palm Beach, Marinemax – Stuart Marina, City of Holly Hill Municipal Fishing Pier, Hawks Cay Marina in Duck Key – Florida Keys, Boynton Beach Marina, Loggerhead Marina in Riviera Beach, Marina Grande Marina in Holly Hill and the Las Olas Marina in Fort Lauderdale. **B&G** has extensive knowledge of vessel power requirements ranging from small outboard size craft to large mega-yachts. Danny Brannon, P.E., President of **B&G** and former Project Engineer for FPL, has many years of experience working with FPL to resolve marina power infrastructure needs and understands the complicated and many times challenging process of bringing FPL onboard to effectively support a marina development project.

Grant Acquisition Specialist Sub-Consultant – JH Sprague Consulting, LLC.

To assist the City with any required Grant Application submittals, **SDI** has included as part of the team **JH Sprague Consulting, LLC (JHS)**. **SDI** has worked extensively with John Sprague, owner and founder of **JHS**, on numerous projects including the City of Riviera Beach Marina, Twin Dolphins Marina, Moss Marina, Pahokee Marina, Las Olas Marina and many others. Mr. Sprague is well versed in state, federal and local governmental processes as relating to the permitting of marine engineering projects. **JHS** has worked with **SDI** on numerous environmental permitting activities and is a great asset when encountering permitting obstacles and other environmental challenges, especially that relating to state-owned submerged lands matters. A great benefit for the City of Pompano Beach is John Sprague's familiarity with local, state and federal grant programs available for public waterfront projects, which he has been instrumental in securing millions of dollars in funding assistance for projects including the City of Riviera Beach Marina, City of Bradenton Twin Dolphins Marina, Las Olas Marina, Rybovich Marina, City of Pahokee Marina and numerous others.

Several Representative Projects involving Team Members

City of Riviera Beach Marina Improvements (2010 – Current)

SDI: Prime Consultant (marine inspections, marina design, bulkhead design, dredging design, permitting, CA Services)

CEG: Environmental Scientist (seagrass mapping)

H&M: Hydraulic Modeling (wind, current and wave studies)

B&G: Electrical Consultant

JHS: Marina Consultant, Grant Acquisitions, Environmental Permitting Assistance

City of Bradenton Marina Improvements (2015 - 2021)

SDI: Prime Consultant (marine inspections, marina design, dredging design, CA Services)

H&M: Hydraulic Modeling (wind, current and wave studies)

JHS: Grant Acquisitions

Summers End Marina Improvements, St. John, V.I. (2017 - Current)

SDI: Hydrographic Surveying, Seismic Surveying, ADCP Study, Underwater Mapping

H&M: Hydraulic Modeling (circulation study)

JHS: Environmental Permitting Assistance

Collier County Coastal Monitoring Program (2018 - 2022)

H&M: Prime Consultant – Coastal Engineering

SDI: Beach and Offshore Profile Surveys, Hydrographic Surveying

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Honeymoon Island Coastal Monitoring Program (2015 - 2021)

H&M: Prime Consultant – Coastal Engineering

SDI: Beach and Offshore Profile Surveys, Hydrographic Surveying

C-14 Hydrographic & Topographic Survey (2018)

South Florida Water Management District (SFWMD)

Keith: Prime Consultant – Topographic Surveying

SDI: Hydrographic Surveying

C-4 Hydrographic Multibeam Survey

South Florida Water Management District (SFWMD)

Miami-Dade County, Florida

Keith: Prime Consultant – Topographic Surveying

SDI: Hydrographic Surveying

Lake Worth Lagoon Seagrass Mapping Program (2013)

CEG: Prime Consultant – Marine Biology

SDI: Vessel Support and Mapping

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Section Seven:
Resumes of Key Personnel

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Section Seven: Resumes of Key Project Team Members
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The following are resumes of the following Key Project Team Members:

William T. Sadler Jr., P.E., P.S.M.	Principal / Marine Engineer	Sea Diversified, Inc
Benjamin Neil Wood	Project Marine Engineer	Sea Diversified, Inc
Collins K McKay	Project Marine Engineer	Sea Diversified, Inc
Randy G. Foltz	Project Manager	Sea Diversified, Inc
Ronald W. Ball	Survey Manager	Sea Diversified, Inc
Scott McNeil	Party Chief / Survey Technician	Sea Diversified, Inc
Danny Brannon, P.E.	Electrical Engineer	Brannon & Gillespie, LLC
Cheryl Miller	Principal Scientist	Coastal Eco-Group, Inc.
Angela Delaney	Senior Scientist	Coastal Eco-Group, Inc.
Melissa Sathe	Senior Scientist	Coastal Eco-Group, Inc.
Mohamad Dabees PhD, P.E.	Coastal Engineer	Humiston and Moore, Inc.
Marc Damon, M.Sc, P.E.	Coastal Engineer	Humiston and Moore, Inc.
Stephen D. Williams, Sr., P.E.	Civil Engineering	KETH
Jame Wills, P.E., AP ND	Drainage Engineer	KEITH
Mark Mitchell	Subsurface Utility Engineer	KEITH
Michael Mossy, P.S.M.	Professional Surveyor	KEITH
Timothy Gray, P.S.M.	Project Surveyor	KEITH
John H. Sprague	Grants Specialist	JH Sprague Consulting



William T. Sadler, P.E., P.S.M.
Sea Diversified, Inc. Title: President

Education:

Florida Atlantic University
 B.S. Ocean Engineering, 1984

Registration:

Professional Surveyor, Florida 1998
 Professional Engineer, Florida 1989
 Building Contractor, Florida 1987

Professional Affiliations:

Florida Surveyors and Mappers Society
 American Society of Civil Engineers

Corporate Experience:

Sea Diversified, Inc. – Surveying & Engineering
 President
 2004 to Present

Sea Systems Corp – Surveying & Engineering
 Vice-President
 1990 to 2004

Keith & Schnars Associates – Surveying & Mapping
 Director of Business Development
 1986 to 1990

Professional Experience:

Mr. Sadler has over thirty-six (36) years of in the marine engineering and surveying industry with specific expertise in the design of seawalls, floating / fixed dock systems, boardwalks, fishing piers, rock revetments, breakwaters, marinas, and dredging projects. He has served as project manager supporting projects through all phases from the initial program development phase, through planning, permitting and design and ultimately through construction. Mr. Sadler has served as project manager supporting numerous other public entities throughout the State of Florida with marine related projects such as Palm Beach County, Miami-Dade County, Florida Inland Navigation District, City of Pompano Beach, City of Holly Hill, Village of North Palm Beach, Town of Palm Beach, City of Boynton Beach, City of Riviera Beach, City of Bradenton, City of Pahokee, and numerous other agencies.

Mr. Sadler coordinates all tasks including contract negotiations, development of schedules, monitoring field and office operations, and reviewing final products prior to delivery. He will serve as the primary point-of-contact between SDI and the City of Pompano Beach and shall ensure that project tasks are completed on-time and within budget. These responsibilities are key to any project and are considered essential to assure that objectives are met and a sound consultant – owner relationship is continuously maintained.

Project Experience:

Riviera Beach Municipal Marina Redevelopment – Palm Beach County, FL

Project Manager responsible for:

- Planning, permitting, design and construction administration of infrastructure improvements and related enhancements to City Marina, which will facilitate and preserve public access, including new floating docks, new seawall, related electrical and sanitary infrastructure improvements
- Inspection of existing structures, report of findings and cost estimates of construction
- Marina planning and design, bulkhead design, dredging design, coordination with dock manufacturers, electrical, plumbing and fire system design
- State and federal environmental permitting along with preparation of bid documents and CA services
- Survey control and layout
- Final asbuilts and project certification
- Contracted by the City of Riviera Beach

City of Holly Hill Sunrise Park Fishing Pier Replacement - Volusia County, FL

Project Manager responsible for:

- Planning, permitting, design and construction administration for the replacement of the City fishing pier on the Halifax River
- Inspection of existing structure damaged during storm, report of findings and cost estimates of construction
- State and federal environmental permitting along with CA services
- Contracted with the City of Holy Hill

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Professional Resume

William T. Sadler Jr., P.E., P.S.M

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City of Holly Hill Sunrise Park Bulkhead Replacement - Volusia County, FL

Project Manager responsible for:

- Planning, permitting, design and construction administration for the replacement of the City bulkhead on the Halifax River
- Inspection of existing structure damaged during storm, report of findings and cost estimates of construction
- State and federal environmental permitting along with CA services
- Contracted with the City of Holy Hill

City of Bradenton Twin Dolphin Marina Reconstruction – Pinellas County, FL

Project Manager responsible for:

- Planning, design and construction administration of infrastructure improvements and related enhancements to Twin Dolphin Marina including new floating docks, electrical and plumbing infrastructure improvements
- Marina planning and design, dredging design, coordination with dock manufacturers
- State and federal environmental permitting along with preparation of bid documents and CA services
- Final asbuilts and project certification
- Contracted by the City of Bradenton

City of Pompano Alsdorf Park Bulkhead Replacement - Broward County, FL

Project Manager responsible for:

- Planning, permitting and design for the replacement of the City bulkhead on the Calaban Canal.
- Inspection of existing structure, report of findings and cost estimates of construction.
- State and federal environmental permitting.
- Construction pending
- Contracted with the City of Pompano Beach

Pahokee Marina Improvements & Hurricane Damage Repair - Palm Beach County, Florida

- Planning, permitting, design & construction administration of the City of Pahokee Marina reconstruction project.
- Marina improvement project included new floating docks, utility infrastructure (electrical, water, sewage pump-out), fuel system, steel sheetpile seawalls, fixed breakwater, maintenance dredging and upland amenities.
- Contracted by the City of Pahokee

Boynton Harbor Marina - Boynton Beach, Palm Beach County, Florida

- Planning, permitting, design and construction administration of the Boynton Harbor Marina located along the waterfront in downtown Boynton Beach.
- Design for new marina included modified slip sizes and utility infrastructure factoring structural adequacy, low maintenance, constructability, aesthetics, public safety and ADA conformity.
- Worked closely with the contractor during construction to minimize impacts to the commercial fishing and dive boats and adjacent restaurant operations.
- Contracted by the City of Boynton Beach CRA

Fort Lauderdale Floating Day Dockage – Broward County, Florida

- Design and construction administration of floating docks along the New River in Downtown Fort Lauderdale.
- Environmental permitting, State Submerged Lands Lease processing, engineering analysis, construction plans and specifications, construction administration services, and topographic and bathymetric surveying.
- Worked closely with City staff, the Marine Advisory Board and the Riverwalk Committee in developing the specifications for the floating docks with an ultimate goal of ensuring consistency with the Downtown Riverwalk theme.
- Contracted by the City of Fort Lauderdale

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Professional Resume

William T. Sadler Jr., P.E., P.S.M

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Seminole Middle School - Bulkhead Design & Improvements - Plantation, Broward County, Florida

- Prepared and submitted both the state / federal Joint Environmental Resource Permit (ERP) and local applications serving as agent to the City
- Design of proposed bulkhead system along easterly shoreline of Seminole Middle School property
- Topographic / bathymetric survey, geotechnical investigation.
- Monitored construction activities as they related to established schedules, project budgets, conformance to permit criteria / conditions & overall quality of work
- Contracted by the City of Plantation

Additional Representative Engineering Projects:

ICWW Deepening Project & Las Olas Marina Expansion - Fort Lauderdale, Broward County, Florida

Contracted with URS Corporation for the City of Fort Lauderdale

Loggerhead Marina - Riviera Beach, Palm Beach County, Florida

Contracted with Seven Kings Holdings

Design and Construction Administration of Seawall Repair – SE 13th Court & ICWW - Pompano Beach, Broward County, Florida

Contracted with the City of Pompano Beach

Boynton Boat Club Park - Boynton Beach, Palm Beach County, Florida

Contracted with the City of Boynton Beach - Parks and Recreation Department

Marina Grande - Holly Hill – Volusia County, Florida

Contracted with the Swerdlow Group

NASA Jay Jay Railroad Bridge East Seawall Post-Storm Assessment - Titusville, Brevard County, Florida

Contracted with Intergrated Construction for National Aeronautics & Space Administration (NASA)

Turnberry Isle Marina and Yacht Club Marina Improvements - Aventura, Dade County, Florida

Contracted with Technomarine Construction, Inc.

The Jockey Club Marina Redevelopment - Miami, Miami-Dade County, Florida

Contracted with Apeiron Miami

Pahokee Breakwater - Hydraulic Modeling & Breakwater Concepts - Pahokee, Palm Beach County, Florida

Contracted with the City of Pahokee

Holly Hill City Pier Expansion - Holly Hill, Volusia County, Florida

Contracted with the City of Holly Hill

City of Pompano Canal Dredging - Pompano Beach, Broward County, Florida

Contracted with the City of Pompano

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114

Delray Beach, Florida 33445

561-243-4920 (Phone) – www.seadiversified.com



Ron DeSantis, Governor



FBPE
FLORIDA BOARD OF
PROFESSIONAL ENGINEERS

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

SADLER, WILLIAM THOMAS JR

160 CONGRESS PARK DRIVE
SUITE 114
DELRAY BEACH FL 33445

LICENSE NUMBER: PE41184

EXPIRATION DATE: FEBRUARY 28, 2023

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Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

March 2, 2021

SEA DIVERSIFIED INC
160 CONGRESS PARK DR STE 114
DELRAY BEACH, FL 33445-4724

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB7342

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2023.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LB7342**
Expiration Date February 28, 2023

Professional Surveyor and Mapper Business License

Under the provisions of Chapter 472, Florida Statutes

SEA DIVERSIFIED INC
160 CONGRESS PARK DR STE 114
DELRAY BEACH, FL 33445-4724

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE



Benjamin Neil Wood

Sea Diversified, Inc. Title: Project Engineer

Education:

Florida Atlantic University
B.S. Ocean Engineering, 2006

Corporate Experience:

Sea Diversified, Inc. – Surveying & Engineering
Project Engineer
2009 to Present

Coastal Planning & Engineering – Surveying & Engineering
Coastal Engineer
2006 - 2009

Professional Experience:

Mr. Wood has over 15-years of experience in marine engineering, surveying and remote sensing studies such as side scan sonar, magnetometer and sub-bottom profile surveys. He is also very experienced in topographic surveying and automated hydrographic surveying (single and multi-beam). Mr. Wood is also responsible for all dive operations for the firm. He participates in field operations and is also very experienced in Computer Automated Design (CAD) including the processing and review of raw data for hydrographic and topographic surveys. Mr. Wood has served as a project engineer and remote sensing specialist for the Florida Department of Transportation, Town of Palm Beach, Palm Beach County, Martin County, City of Riviera Beach, City of Pompano Beach, City of Holly Hill, City of Daytona and numerous private concerns throughout the State of Florida and Caribbean Islands.

Project Experience:

Hillsboro Inlet Park Artificial Reef Project (2020)

Project Engineer responsible for:

- Deployment and monitoring of ADCP's for evaluation of currents and waves relating to a proposed artificial reef project.
- Underwater observations and turbidity measurements for water clarity investigation.
- Assistance with topographic and bathymetric data collection.
- Conducted for the City of Pompano Beach.

NASA Jay Jay Railroad Bridge East Seawall Post-Storm Assessment, Titusville, Brevard County, Florida

Project Engineer responsible for:

- Investigation Damage assessment of the seawall located on the east side of NASA's Jay Jay Railroad Bridge over the Indian River in Titusville, Florida.
- Detailed hydrographic / topographic survey of the embankment, seawall, tie-backs, bridge abutment and damage area.
- Underwater diver investigation of entire seawall, including damaged area.
- Engineer evaluation of repair recommendations and cost estimates.
- Conducted with Intergrated Construction for National Aeronautics & Space Administration (NASA).

City of Riviera Beach Managed Mooring Fields, Palm Beach County, Florida

Project Engineer responsible for:

- Side scan sonar investigation with multi-beam bathymetric data collection over three areas of Lake Worth Lagoon for the proposed development of managed mooring fields.
- Data was used for the layout of mooring field areas and to assess potential mitigation areas associated with impacts to marine resources caused by vessel anchoring practices.
- Design of mooring configurations based upon water depths and the presence of marine resources.
- Conducted for the City of Riviera Beach.

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Professional Resume – Benjamin Neil Wood
Page Two

Lake Worth Lagoon Muck Removal - Sediment / Muck Thickness Study, Palm Beach County, FL

Project Engineer responsible for:

- Investigation to map and quantify the horizontal and vertical extent of reported sediment / muck deposits within six (6) priority areas of the Lagoon, North & South of C-51 Discharge Canal, and East & West of ICWW Channel encompassing two hundred eighty (280) acres.
- Sub-bottom profile investigations of the Lagoon in the prescribed areas were followed by extensive ground truthing for future mapping efforts.
- Sediment probes performed in pre-determined grids within priority areas of Lagoon (1,250 probes).
- Vibra-core sample sediment cores were collected at fifty (50) random spots within the priority areas.
- Conducted for Palm Beach County DERM.

Hydrographic Survey at Fort Pierce North Causeway St. Lucie County, FL (2019 – 2020)

Project Engineer responsible for:

- Remote sensing data collection including side scan sonar, magnetometer and underwater 3-D scanning of seafloor along and beneath the bridge for proposed bridge replacement project.
- Diver operations for remote sensing groundtruthing and utility locates.
- Assistance with multi-beam bathymetric data collection.
- Conducted with MG Vera for the FDOT, District 4.

Hydrographic Survey at Jupiter Inlet Bridge (U.S. 1 / S.R. 5), Martin County, FL (2018 – 2019)

Project Engineer responsible for:

- Remote sensing data collection including side scan sonar, magnetometer and underwater 3-D scanning of seafloor along and beneath the bridge for proposed bridge replacement project.
- Diver operations for remote sensing groundtruthing and utility locates.
- Assistance with multi-beam bathymetric data collection.
- Conducted with MG Vera for the FDOT, District 4.

Hydrographic Surveys of FP&L Cooling Canal and Borrow Pit for the I-595 Viaduct FDOT I-95 Express Lanes Phase 3C, Broward County, FL (04/2016 – 08/2016)

Project Engineer responsible for:

- Side scan sonar investigation in a portion of the FP&L cooling canal and borrow pit under I-595 Bridge between SR-7 and SW 26th Terrace to support the FDOT I-95 Express Lanes Phase 3C Project in Broward County, Florida.
- Assistance with multi-beam bathymetric data collection.
- Conducted for the FDOT, District 4.

Port Canaveral Deepening Project Current & Wave Investigation, Brevard County, Florida

Project Engineer responsible for:

- Deploying, verifying and retrieving two (2) horizontal acoustic doppler profilers (HADCPs) mounted on existing concrete piles at half the approximate depth of the federal channel along with two (2) pressure gauges.
- Currents investigation was conducted for validating the tidal current model (steady currents) and the waves investigation was utilized for validating surge waves (long-period) and wind-waves/swell. Data was collected for the validation of models for a proposed channel deepening project.
- Conducted with Coast & Harbors for Port Canaveral.



Collins K. McKay, P.E.
Sea Diversified, Inc., Marine Engineer

Education:

Florida Atlantic University
 M.S. Ocean Engineering, 1984

University of Florida
 B.S. Civil Engineering, 1981

Registration:

Professional Engineer, Florida

Professional Affiliations:

- Florida Marine Contractors Association Guest Columnist
- National Association of Corrosion Engineers
- American Society of Civil Engineers – Waterway, Port, Coastal and Ocean Division

Professional Experience:

Collins McKay is an engineer with 28 years of broad experience. He has resided and practiced in the states of Florida, Ohio, Louisiana, while having worked on projects in other states and countries. His Florida experience spans all sectors of the state including Northeast (Jacksonville, Daytona Beach), Southeast (West Palm Beach, Ft. Lauderdale, Key West), Southwest (Naples, Ft. Myers), Northwest (Tallahassee, Pensacola) and Central (Orlando, Cape Canaveral). Mr. McKay has experience in ports and harbors, marinas, river/lake/harbor walks, corrosion, structures, land development, transportation and environmental permitting (local, state and federal). Over his career he has been involved in all aspects of projects such as field inspections, design, laboratory analysis and project management of teams including biologists, attorneys, surveyors and planners.

Project Experience:

- Senior Project Manager for construction administration of Port Canaveral's South Cargo Pier 2 bulkhead and pier replacement. Construction performed with no interruption of upland tenant operations or ship operations. Lateral support of bulkhead by drilled concrete soil anchors.
- Senior Project Manager for design of Port Canaveral's South Cargo Pier 1 Widening and South Cargo Pier 4 Extension. New pier designed for 90,000-pound crane loading and 80,000-ton cargo ship lateral load, with fenders that meet the state manatee 4-foot standoff requirement.
- Senior Project Manager and designer of Port Canaveral maintenance dredging (2007) of cargo and cruise ship berths and other non-federal fairways.
- Underwater Inspection, Port of Palm Beach, Florida. Engineer in charge of data reduction and report for inspection of underwater portions of berthing facilities at the port.
- Stally Bay Offshore Breakwater, St. Thomas USVI. Design engineer for trapezoidal cross-section rock mound breakwater in 15 to 25 feet of water. Project designed to withstand mid-Category 3 Hurricane wind, wave and surge. Unique configuration to serve as containment of dredged material and future foundation for a marine terminal.
- Taylor Creek Emergency Shoreline Repair, St. Lucie County, Florida. Design engineer of record for 218-foot long shoreline restoration including steel sheet-piling bulkhead to mid-level category 3 hurricane surge, vegetated slope above, and a rock revetment toe scour protection below. The shoreline is particularly prone to erosion due to its location at the confluence of three waterways, Taylor Creek, C-25 Canal and Belcher Canal, creating a swirling basin.

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- Breakwater, Azores Islands. Designed offshore rubble mound breakwater system for Navy Harbor Entrance Channel according to U.S. Army Corps of Engineers Shore Protection Manual standards. Work included wave and wind force analysis for open Atlantic Ocean hurricane force winds, storm statistical analysis, preliminary design of several alternative structures and final construction documents for the selected design.
- FPL Offshore Power Plant Intake Structure, North Palm Beach County, Florida. Wave and wind analysis for three design scenarios: Hurricane Categories 1, 3 and 5. Developed design criteria for different structure options including fixed sheet-piling, rock mound breakwater, massive gravity concrete structure and concentric floating attenuators.
- Oil Producing Platforms, Mobile Oil USA, Offshore Louisiana. Designer and construction inspector of major structural rehabilitation of three prestressed concrete platforms 45 miles offshore of Morgan City, Louisiana. In conjunction with rehabilitation, designed first cathodic protection system for prestressed concrete in the Gulf of Mexico.
- Steel Well Jackets, Shell Oil, Offshore Louisiana. Project manager and field engineering supervisor of underwater corrosion survey of over 100 well jackets in South Pass and Main Pass Blocks. Included report of recommendations for cathodic protection upgrades.
- Deep Water Grouting, Chevron, Offshore Texas. Project engineer for grouting of deep-water tubular members of steel template platform. Work included onshore testing of materials and procedures and offshore inspection.
- Bluffton Indian Midden, Lake George State Forest, Florida. Design of 330 l.f. of natural coquina rock revetment and processing of environmental permits. Structure to protect state historical site from further erosion into the St. Johns River.
- Nearshore Breakwater, State Road 528, Brevard County, Florida. Design and environmental permits for rubble mound nearshore breakwater located 35 feet off and parallel to the shoreline of the Banana River. Project included coastal engineering calculations, field meetings with the SFWMD Board Member and construction review with the contractor.
- Causeway Shore Protection, State Roads 520 and 404, Brevard County, Florida. Design and environmental permits for different schemes of shore protection along the two FDOT causeways. Designs included articulated concrete blocks, graded riprap, nearshore breakwaters.
- Sarasota Bay Shore Protection Projects, Sarasota, Florida. Project manager and design engineer of shore protection for three City of Sarasota parks, one with three-lane boat ramp. Design criteria included erosion climate, aesthetics and economics.
- Specialist in waterfront and marina planning and design. Wave, wind, storm surge and corrosion effects analyzed. Design engineer of record for the Key West Bight Harborwalk, City of Eustis Lake Walk, City of Ft. Lauderdale Las Olas Marina, and City of Tavares Wooton Park Marina and Seaplane Base.
- Structural and corrosion surveys and rehabilitation design for concrete structures such as bridges, parking garages and offshore platforms. Designed first cathodic protection system for offshore concrete structures in the Gulf of Mexico for Mobil Oil Corporation.
- Design engineer for major FDOT bridge design including steel plate girders, AASHTO girders, driveway slabs, impact guardrails, pile caps and piers. Designed all approach ramp girders for the Acosta Bridge over the St. Johns River in Jacksonville, Florida.

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Randy G. Foltz

Sea Diversified, Inc. Title: Project Manager

Education:

Arizona State University
Bachelor of Architecture

Registration:

Architect Alaska #A486, Hawaii, #678, NCARB #47911

Professional Experience:

Mr. Foltz has over forty (40) years of experience in architecture and construction management. Mr. Foltz joined the Sea Diversified team as a project manager to oversee the construction of marine engineering projects including an ocean-front steel sheetpile seawall in Daytona Beach Shores, timber fishing pier at Sunrise Park in Holly Hill and is currently overseeing the construction of a large composite sheetpile bulkhead, also at the Sunrise Park in Holly Hill. His extensive level of experience in construction and project management provides a great asset to Sea Diversified. Prior experience of Mr. Foltz includes:

April 2017 - Current

President

RMK Group, Palm Coast, Florida

- Conceptual design, budgeting, contractor selection of an 11 acre, 546 unit development.

March 2016 – April 2017

Regional Project Manager

Prime Group, Daytona Beach, Florida

- Permit to enclosing structures, begin finishes, start foundations for multiple hotels and apartment complexes.

November 2003- February 2016

Project Executive Vice President

Swordlow Group / Boca Developers, Miami, Florida

- Construction management of multiple residential towers including Biscayne Landing (184 acres), Civica Tower (272 units), Civica Retail (68000 sf of retail), Marina Grande (clubhouse and pier), Marina Grande (486 units), Beach Street (510 units), MG Riviera Beach (510 units), MG North Miami Beach (443 units), Peninsula Two (223 units).

April 2001–November 2003

Project Director

Omni Hotels/Time Warner, Atlanta, Georgia

- Construction management of Omni Hotel at CNN Center encompassing 600 rooms and 120,000 sf convention facility.

August 1999 – April 2001

Director of Design and Construction

Boca Resorts, Boca Raton, Florida

- Construction management of destination type resort pool, meeting rooms and clubhouse at Registry Hotel (now Waldorf Astoria).
- Construction management of new clubhouse at Boca Resort and Club.
- Planning and budget preparation for \$500 million renovation of Bahia Mar Hotel.

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Professional Resume

Randy G. Foltz

Page Two

October 1996 – August 1999

Senior Project Manager

Wyndham International, Dallas, Texas

- Construction management of hotel and resort pool at Rose Hall in Jamaica.
- Construction management of ocean villas and resort pool at El San Juan in Puerto Rico
- Construction management of spa at El Conquistador in Puerto Rico

December 1992 – June 1996

Director of Design

Hemmeter / Harrah's Casino, New Orleans, Louisiana

- Director of Design for restaurants at Grand Casio River Boat Terminal in New Orleans.
- Director of Design for casino and auditorium at Harrah's Temporary Casino in New Orleans.

December 1989 – December 1992

Director of Design and Construction

Nansay Hawaii, Kona, Hawaii

- Director of Design and construction for 450 acre resort, condominiums, 200 single family lots and 18-hole golf course at the Kohanaiki Resort in Hawaii.

April 1986 – December 1989

Project Manager Special Projects

Hemmeter Development

Kona, Hawaii

- Managed design and construction of design build aspects of the 1250 room, 62 acre destination resort including, water features, pools, trams, landscape, and boat ways

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Ronald W. Ball

Sea Diversified, Inc. Title: Survey Manager

Education:

1989 - University of Puerto Rico,
Computer Automated Drafting

Corporate Experience:

Sea Diversified, Inc. – Surveying & Engineering
Survey Manager
2004 to Present

Sea Systems Corp – Surveying & Engineering
Field Crew Supervisor
1998 to 2004

Keith & Schnars Associates – Surveying & Mapping
Party Chief
1995-1998

Relevant Professional Experience:

Ronald W. Ball has over 28-years of surveying experience throughout the State of Florida, U.S. Virgin Islands, Caribbean, and various regions of South America. He offers extensive expertise in all aspects of topographic hydrographic surveying including boundary surveys, construction layout, single and multi-beam bathymetric surveys, remote-sensing investigations (side scan sonar, magnetometers, and sub-bottom), submerged utility location surveys, and beach profile surveys for numerous agencies such as the U.S. Army Corps of Engineers, Florida Department of Transportation (FDOT), Palm Beach County, Miami-Dade County, Collier County, Lee County, Brevard County, and many other government entities. For underwater investigations, Mr. Ball offers extensive experience with underwater video and inspections, underwater mapping for environmental projects, tide/wave/ current investigations, and various other diver-assisted surveys.

He brings a high level of detail to our firm, offering professional on-site assessments in addition to coordination of field technicians and data collection methodologies. Mr. Ball shall be the Hydrographic Survey Manager responsible for coordinating the activities of field and office support staff. He will assist in the collection of hydrographic, topographic and remote sensing data, oversee the data processing activities, and coordinate the preparation of charts or other deliverables.

Project Experience:

Honeymoon Island Physical Monitoring Surveys (Multi-Year Program)

Project Manager responsible for:

- Annual including post-storm monitoring of upland topographic and offshore bathymetric profile to support the Honeymoon Island Beach Restoration Projects.
- Pre- and post-construction onshore and offshore survey services relating to the Honeymoon Island beach nourishment project, including bathymetric surveys of proposed borrow area.
- Design surveys for proposed offshore breakwaters and T-groin structures.
- Conducted with Humiston & Moore Engineers for Pinellas County – Coastal Management Division.

Sebastian Inlet Physical Monitoring Survey

Project Manager responsible for:

- Single-beam bathymetric survey of sand trap and inlet.
- Beach and offshore profile survey extending from R-189 – R218 north of the inlet to R1 – R30 south of the inlet.

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Professional Resume – Ronald W. Ball
Page Two

- Multi-beam bathymetric survey of offshore region extending from R219 to R-17. Data was collected from the approximate (-)8' NAVD contour offshore to the (-)40' NAVD contour.
- Conducted for Sebastian Inlet District.

Collier County Physical Monitoring Surveys (Multi-Year Program)

Project Manager responsible for:

- Annual beach profile surveys (topographic and hydrographic) to monitor coastal erosion or accretion along the coastline of Collier County.
- Beach profiles at R-23 to R-42, R-43 to T-54 (Park Shore), U-55 to R-84, and R-58A, totaling 63 profiles.
- Wiggins Pass Bathymetry and Beach Profiles including mapping of MHWL from R-17 to the NE 1,500 feet on the south side of the inlet, entrance channel, Stations -2+00 to 15+00 (R-15 to R-18.5), totaling 18 transects, internal channels C-3 to C-34, CN-35, CN-36 and CN-37, totaling 35 transects and beach profiles at R-10 to R-22, including intermediate profiles (R-10.5, R-11.5, R-12.5, R-13.5, R-14.5, R-15.5, R-17.5, R-18.5, R-19.5, R-20.5, R-21.5), totaling 24 transects.
- Doctors Pass bathymetry encompassing dredge template profiles, totaling 77 transects.
- South Marco Island beach & offshore profiles at U-139 to R-148, G-1 to G-5, and K-1 to K-2, totaling 17 profiles.
- Doctors Pass structures beach & offshore profiles at R58A-400, R58A-300, R58A-150, R58A, R58A+150, R58A+300, R58A+425, R-58, R58+150, R58+300, R58+600, and R-59 to R-64, totaling 17 profiles.
- Conducted with Humiston and Moore Engineers for the City of Deerfield Beach

Jupiter Borrow Site / Sand Search & Artificial Reef Site

Project Manager responsible for:

- Emergency Sand search project off the coast of Jupiter and proposed artificial reef project located between R44 and R48 in Palm Beach County. Sand search project encompassed approximately 100 line miles of data collection, and the proposed artificial reef site encompassed 22 line miles of data collection.
- Provided a 30' aluminum survey launch with captain and crew for the simultaneous collection of bathymetric, sub-bottom profile, side scan sonar and magnetometer data.
- Conducted with Olsen & Assoc for Palm Beach Co ERM.

Town-wide Coastal Monitoring Program Annual Physical Monitoring Surveys (Multi-Year Program)

Town of Palm Beach, Florida

Professional Surveyor & Mapper responsible for:

- Physical monitoring of the Town of Palm Beach providing the necessary information to plan, design, and monitor the beach conditions annually.
- Topographic (onshore) and hydrographic (offshore) beach profiles along Florida Department of Environmental Protection (FDEP) profiles R-73 through R135, for a total of sixty-seven (67) profiles
- Remote sensing of Mid-Town Area (R90 to R102), including side scan sonar survey to map the horizontal extent of exposed hardbottom within the limits of the project area overlaying digital mosaics on the bathymetric contour charts
- Sub-bottom investigation to map the elevation of subsurface rock between the limits of exposed rock determined in the side scan sonar survey and bathymetry from Countywide surveys.
- Divers, with steel probes & hydraulic jetting equipment, provided groundtruthing operations by penetrating sand to check elevations of rock as determined from the sub-bottom profile survey.
- Conducted with Applied Technology & Management for the Town of Palm Beach (Mr. Rob Weber).



Scott McNeil

Sea Diversified, Inc. Title: Party Chief / Survey Technician

Corporate Experience:

Sea Diversified, Inc. – Surveying & Engineering
 Party Chief
 2004 to Present

Sea Systems Corp – Surveying & Engineering
 Party Chief
 1998 to 2004

Professional Experience:

Mr. Scott McNeil has over twenty (20) years of surveying experience throughout the State of Florida, U.S. Virgin Islands, Caribbean, and various regions of South America. Mr. McNeil has a complete understanding of all aspects of topographic and hydrographic survey data collection and has successfully completed projects on land and over water including many very remote and challenging areas where access is limited. He has provided support on numerous topographic and hydrographic survey projects throughout Florida, including an extensive number of surveys in the Bahamas and the U.S. Virgin Islands. Mr. McNeil, in addition to his extensive experience in hydrographic surveying, has great expertise in large-scale Geodetic Control Projects and data acquisition utilizing On-The-Fly (OTF), Real-Time-Kinematic (RTK) surveying, as well as field data processing and survey adjustments.

Project Experience:

Hydrographic Survey at Fort Pierce North Causeway St. Lucie County, FL (2019 – 2020)

Party Chief responsible for:

- Multi-beam bathymetric data collection including side scan sonar, magnetometer and underwater 3-D scanning of seafloor along and beneath the bridge for proposed bridge replacement project.
- Horizontal and vertical location of bridge foundation and submerged utilities located in proximity to the project.
- Assistance with diver operations for remote sensing groundtruthing and utility locates.
- Conducted with MG Vera for the FDOT, District 4.

Hydrographic Survey at Jupiter Inlet Bridge (U.S. 1 / S.R. 5), Martin County, FL (2018 – 2019)

Party Chief responsible for:

- Multi-beam bathymetric data collection including side scan sonar, magnetometer and underwater 3-D scanning of seafloor along and beneath the bridge for proposed bridge replacement project.
- Horizontal and vertical location of bridge foundation and submerged utilities located in proximity to the project.
- Assistance with diver operations for remote sensing groundtruthing and utility locates.
- Conducted with MG Vera for the FDOT, District 4.

Hydrographic Surveys of FP&L Cooling Canal and Borrow Pit for the I-595 Viaduct FDOT I-95 Express Lanes Phase 3C, Broward County, FL (04/2016 – 08/2016)

Party Chief responsible for:

- Multi-beam bathymetric data collection and side scan sonar investigation in a portion of the FP&L cooling canal and borrow pit under I-595 Bridge between SR-7 and SW 26th Terrace to support the FDOT I-95 Express Lanes Phase 3C Project in Broward County, Florida.
- Horizontal and vertical location establishment.
- Conducted for the FDOT, District 4.

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Professional Resume – Scott M. McNeil
Page Two

Collier County Physical Monitoring Surveys (Multi-Year Program)

Party Chief responsible for:

- Topographic and bathymetric data collection for the monitoring of coastal erosion or accretion along the coastline of Collier County encompassing beach profiles at R-23 to R-42, R-43 to T-54 (Park Shore), U-55 to R-84, and R-58A, totaling 63 profiles including Wiggins Pass bathymetry and beach profiles, Doctors Pass bathymetry of the dredge template, South Marco Island beach & offshore profiles and Doctors Pass structures beach & offshore profiles.
- Conducted with Humiston and Moore Engineers for the Collier County.

Honeymoon Island Physical Monitoring Surveys (Multi-Year Program)

Party Chief responsible for:

- Topographic and bathymetric data collection to support the Honeymoon Island Beach Restoration Projects.
- Topographic and bathymetric data collection relating to the Honeymoon Island beach nourishment project, including bathymetric surveys of proposed borrow area.
- Topographic and bathymetric data collection for the proposed offshore breakwaters and T-groin structures.
- Conducted with Humiston & Moore Engineers for Pinellas County – Coastal Management Division.

City of Sunny Isles Beach 5-Year Annual Coastal Monitoring and Emergency Post-Storm Surveys

Party chief responsible for:

- Topographic and bathymetric data collection for the monitoring of coastal erosion or accretion with specific attention to the beach area adjacent to the Newport Pier.
- Pre- and post-storm (Hurricane Matthew) topographic and bathymetric data collection.
- Conducted for the City of Sunny Isles Beach.

Deerfield Beach Pre- & Post-Storm Matthew – 2016 Beach Profile Surveys

Party chief responsible for:

- Topographic and bathymetric data collection associated with a pre-storm and post-storm Hurricane Matthew onshore (wading depth) profile survey along Deerfield Beach in Broward County extending from FDEP Range Monument R-4 to R-9, including intermediate profiles at R-4.5, R-5.5, R-6+200, R-6+400, R-6+532, R-6+665, R-6+800, R-6+932, R-7.5, and R-8.5, for a total of sixteen (16) profiles.
- Conducted with Humiston and Moore Engineers for the City of Deerfield Beach.

Sebastian Inlet Physical Monitoring Survey

Part Chief responsible for:

- Single-beam bathymetric data collection of sand trap and inlet.
- Topographic and bathymetric data collection extending from R-189 – R218 north of the inlet to R1 – R30 south of the inlet.
- Multi-beam bathymetric data collection of offshore region extending from R219 to R-17. Data was collected from the approximate (-)8' NAVD contour offshore to the (-)40' NAVD contour.
- Conducted for Sebastian Inlet District.

Palm Beach County Annual Countywide & Post-Storm Physical Beach Monitoring Surveys, Ebb Shoal Surveys & South Lake Worth Inlet Sand Trap (Multi-Year Program)

Party Chief responsible for:

- Topographic and bathymetric beach profile data collection at Florida Department of Environmental Protection (FDEP) profile control points throughout Palm Beach County.
- Bathymetric data collection of the Jupiter and South Lake Worth ebb shoals and the South Lake Worth Inlet sand trap.
- Conducted with Applied Technology & Management for Palm Beach County DERM under Continuous Services Contract for Coastal & Marine Engineering Services.



Brannon & Gillespie, LLC

Consulting Engineers

631 US Highway One, Suite 301
North Palm Beach, Florida 33408
Cell: (561) 307-9454

Website: www.BnGEngineers.com

Brannon & Gillespie, LLC - Consulting Engineers

Brannon & Gillespie, LLC was founded in December, 2001. The firm has two members, Danny P. Brannon and James S. Gillespie. Danny P. Brannon is a registered engineer in the state of Florida with over 28 years in the electric utility engineering, technology, and construction management areas. Danny has provided utility coordination services for major developers such as Lennar, Standard Pacific, First Florida, and RAM Development providing negotiation and design services relative to the installation of underground utility facilities. In addition to Utility Coordination, Both Principals also provide full service professional engineering services for commercial and industrial projects. Danny has provided electrical engineering services to marina construction projects such as the Everglades Adventures Marine in Pahokee, the Riviera Beach City Marina, Various Loggerhead Marinas, Hawks Cay Resort Marina in Duck Key, North Palm Beach Municipal Marina, and several other smaller marina projects.

An emphasis is placed on delivering functional and quality designs, Code compliance, cost control, and value engineering. The firm also has extensive expertise in negotiations with electrical, telephone, and Cable TV utility companies to facilitate the acquisition of optimal results at a minimum cost to clients. Brannon & Gillespie have provided designs for large scale standby generators for clients such as Johnson & Johnson, Florida Power & Light Company, Miami Biltmore Hotel, Miami Downtown Federal Detention Center, and many others with generators typically ranging from one megawatt to three megawatts.

The latest versions of Computer Aided Drafting (CAD) technologies are utilized in our business processes allowing each project to be produced quickly, neatly, and with better coordination between all involved engineering disciplines. Brannon & Gillespie carries general liability and errors & commission insurance, and is registered with the State of Florida engineering board as an engineering business, Certificate of Authorization #6784.

Brannon & Gillespie, LLC will coordinate with other professionals on the project to provide the appropriate electrical capacity and voltages to each slip and to integrate services for lighting, communications and security as needed. Brannon & Gillespie, LLC will coordinate with Dock Structural Engineers to ensure proper wireways are integrated into the dock structure designs. Brannon & Gillespie, LLC will coordinate with FPL, Comcast, and AT&T as needed to ensure utility services are provided in a cost effective and efficient manner. The Shore Power System will be designed utilizing proven reliable design configurations configured with high quality substations, switch gear, and power pedestals/modules as need to supply the required service.

PROJECT RESOURCE: *Danny P. Brannon, P.E. (General Partner)*

DEDICATED TIME TO THE PROJECT: 20%

YEARS WITH BRANNON & GILLESPIE: 17 Years

EXPERIENCE : Danny has provided electrical engineering designs and construction support to marina construction projects such as the Everglades Adventures Marine in Pahokee, the Riviera Beach City Marina, Various Loggerhead Marinas, Hawks Cay Resort Marina in Duck Key, North Palm Beach Municipal Marina, and several other smaller marina projects. Additionally included is the coordination and inspection of work performed by other consultants and/or contractors where such work impacts the installation of the electrical, communications, security or lighting facilities being installed.

SUMMARY OF CAPABILITIES : **Electrical Design, Lighting Design, Utility Negotiations, OH Utility Undergrounding Project Management, Business Case Dev.**

EDUCATION : BSEE, Electrical Engineering - **Auburn University, 1973**

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561-243-4920 (Phone) – www.seadiversified.com



Brannon & Gillespie, LLC

Consulting Engineers

631 US Highway One, Suite 301
North Palm Beach, Florida 33408
Cell: (561) 307-9454

Website: www.BnGEngineers.com

Professional Resume

Danny Brannon, P.E., Brannon & Gillespie, LLC

Page Two

PROFESSIONAL REGISTRATION : Registered Professional Engineer – Florida, 1978 - P.E. #25601

WORK HISTORY

2001 – Present : Brannon & Gillespie, LLC., North Palm Beach, Florida

General Partner in a consulting engineering firm with shared responsibility for financial, marketing, design, and technical areas of the company. Experienced working on undergrounding projects, standby generator projects, and residential estate renovation projects within the Town of Palm Beach.

2000 – 2001 : Science Applications International, New Orleans, Louisiana

Provided Project Management and Technical guidance in resolving a 50 million dollar legal dispute between the City of New Orleans and Entergy New Orleans, Inc. Managed the development and implementation of Information technology services to support electric distribution system design, construction, operation and maintenance functions.

1998 – 2000 : Entergy Services, Inc., New Orleans, Louisiana

Distribution Business Unit IT Manager responsible for the acquisition and management of Information technology tools to support electric distribution system design, construction, operation and maintenance activities.

1973-1998 : Florida Power & Light Company, West Palm Beach/Juno Beach, Florida

District Operations Manager responsible for the design, construction, and maintenance of overhead and underground electric distribution facilities within the metropolitan West Palm Beach area. Division Information Technology Manager.

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Delray Beach, Florida 33445
561-243-4920 (Phone) – www.seadiversified.com

Ms. Cheryl Miller
President, Principal Scientist
Coastal Eco-Group, Inc.

EDUCATION

M.S., Biological Sciences, Florida Atlantic University, 2000
 B.S., Marine Biology, FAU, 1996
 B.A., University of Pennsylvania, 1992

YEARS OF EXPERIENCE

Total: 25

OFFICE LOCATION

Deerfield Beach, FL

PROFESSIONAL AFFILIATIONS

Southeast Florida Coral Reef Initiative Team Member (SEFCRI), 2003-2020, Vice-Chair (2013-2017)

South Florida Water Management District Water Resources Advisory Commission, 2011-2013

International Coral Reef Society

American Academy of Underwater Sciences

Florida Shore and Beach Preservation Association

EXPERIENCE RELEVANT TO RFQ

- Biological Monitoring of Coral Reef and Hardbottom Habitats in Southeast Florida
 - Hardbottom and Seagrass Impact Assessment and Mitigation Planning
 - Environmental Permit Application Preparation and Processing
 - Environmental Compliance
 - NEPA Documentation & Compliance
 - Coral Relocation and Transplant Success Monitoring
- Project Manager and Principal Scientist in charge of environmental permitting, NEPA compliance, nearshore hardbottom monitoring/ impact assessment associated with downdrift sand placement from Boca Raton Inlet ebb tidal shoal; hardbottom mitigation success determination, and permit-required data analysis and reporting for the 2010, 2013, & 2017 South Boca Raton Beach Nourishment Projects (2009-Present).
 - Principal Scientist in charge of biological monitoring, data analyses, and reporting of offshore coral reef communities and nearshore hardbottom for the 2010 and 2014 North Boca Raton Beach Nourishment Projects, and 2016/17 Central Boca Raton Nourishment Project, Palm Beach County, FL (2009-2020)
 - Project Manager and Lead Scientist for the 2015 Mid-Town Beach Nourishment Project and Palm Beach Island Beach Management Agreement (BMA). Primary Author/Developer of the Town's mitigation program for nearshore hardbottom impacts from beach nourishment (2013- Present)
 - Project Manager and Principal Scientist for the Immediate through Year 3 Post-Construction Biological Monitoring of Nearshore Hardbottom for the 2010 Bathtub Beach Restoration Project and 2016/17 Bathtub Beach Sailfish Point Nourishment, Martin County (2010-present)

Ms. Cheryl Miller has more than 25 years of professional experience in environmental planning and permitting, project management, NEPA assessments and document preparation, and marine ecological surveys, including coral reef, nearshore hardbottom, mitigation artificial reef, and seagrass (SAV) mapping, monitoring, impact analysis, and mitigation planning in association with dredging and shore protection projects in Florida. From 2002 to 2004, Ms. Miller was employed as an Environmental Specialist with the FDEP, Bureau of Beaches and Coastal Systems, where she conducted the regulatory and ecological review of environmental resource and joint coastal permit applications. Ms. Miller currently serves as the Principal Scientist and Project Manager for the nearshore hardbottom monitoring program for the 2016 Broward County Segment II Beach Nourishment Project and the upcoming Port Everglades Inlet Sand Bypass Project.

Relevant Project Experience

- Port Everglades Sand Bypass Project, Broward County, FL, Project Manager/Principal Author of the NEPA Environmental Assessment (EA) and Biological Assessment (BA) for Section 7 ESA compliance. Primary Author of the UMAM hardbottom mitigation evaluation and innovative mitigation plan for impacts to nearshore hardbottom rubble-dominated communities (2007-2020)
- Project Manager and Lead Scientist for the biological monitoring, data analyses, impact evaluation, and permit-required reporting for nearshore hardbottom habitats for the 2016 Broward County Segment II Beach Nourishment Project (2015-2021)
- Project Manager and Lead Scientist for environmental permitting, NEPA documentation, and benthic habitat mapping/baseline hardbottom monitoring for the 2021 Broward County Segment III Beach Nourishment Project (2019-Present)
- Primary Author of the EA, Project Manager, and Construction Supervisor for reef restoration for the Spar Orion and Clipper Lasco Grounding Sites, Broward County, FL (2014-2015)

Ms. Angela Delaney
Senior Scientist, Field Operations Supervisor
Coastal Eco-Group, Inc.

EDUCATION

M.S., Marine Sciences, Nova Southeastern University, 2006

B.S., Marine Science, Coastal Carolina University, 2002

YEARS OF EXPERIENCE

Total: 17

OFFICE LOCATION

Deerfield Beach, FL

PROFESSIONAL AFFILIATIONS

International Coral Reef Society

National Association of Environmental Professionals

American Academy of Underwater Sciences

EXPERIENCE RELEVANT TO RFP

- Biological Surveys- Seagrass, Mangrove, Softbottom and Coral Reef Habitats
- Impact Assessment
- Environmental Permitting and Compliance
- NEPA Documentation & Compliance
- Benthic Habitat Mapping and Characterization
- Mitigation Development- Coral and Seagrass Habitats
- GIS Data Analysis and Mapping
- Coral Transplantation and Restoration

Ms. Angela Delaney has more than 17 years of professional experience in environmental planning and permitting, project management, NEPA compliance and documentation, benthic habitat characterization and mapping, and marine ecological surveys, including coral reef, nearshore hardbottom, artificial reef, and seagrass. Prior to joining Coastal Eco-Group in 2008, Ms. Delaney managed biological monitoring and impact assessments for shoreline protection projects in Broward County at a coastal engineering firm in southeast Florida.

Previous relevant experience in NEPA compliance and documentation and direct experience in southeast Florida include hardbottom and seagrass monitoring protocol development, monitoring transect installation, in-water sea turtle monitoring, reef sedimentation analysis, coral relocation, nearshore hardbottom benthic community monitoring, data analysis, technical report development, benthic habitat characterization and environmental impact analysis.

Relevant Project Experience

- Senior Scientist and Dive Operations Supervisor for Coral Removal and Relocation services for the USCG Bulkhead at Base Miami, Miami-Dade County, FL (2016)
 - Field Supervisor and Senior Scientist for the Mount Sinai CAP 14 Bulkhead Replacement Project- Seagrass, Coral, and Upland Tree Surveys, Miami-Dade County, FL (2016)
 - Senior Scientist and co-author for the pipeline corridor hardbottom mapping, impact avoidance assessments, nearshore hardbottom edge mapping, benthic ecological assessments, mitigation reef assessments, data analyses, and report development for the 2006 Broward County Segment III Shore Protection Project, Broward County, FL (2004-2008)
- Senior Scientist and co-author for the sedimentation monitoring, data analyses, and report development for the Broward County Annual Reef Biological Monitoring Program, Broward County, FL (2010–2014)
- Senior Scientist for hardbottom edge mapping and rubble/benthic community impact analyses for the Port Everglades Inlet Sand Bypass Project, Broward County, FL (2014-2016)
- Construction supervision for the reef restoration of the Spar Orion and Clipper Lasco Grounding Sites, Broward County, FL (2015)
- Senior Scientist and co-author for the benthic community biological monitoring, artificial reef sedimentation assessment, data analyses, impact evaluation, and permit-required reporting for nearshore hardbottom habitats for the 2011/2012 and 2017 Hollywood Interim Beach Nourishment Projects, Broward County, FL (2012 – 2018)
- Senior Scientist for transect siting and installation, biannual nearshore hardbottom edge mapping, and GIS database and map production for the long-term nearshore hardbottom biological monitoring program, Broward County, FL (2014–present)
- Senior Scientist for biological monitoring, data analyses, impact evaluation, permit-required reporting, and GIS database and map production for annual monitoring surveys for the 2016 Broward County Segment II Beach Nourishment Project (2015-present)
- Senior Scientist for nearshore hardbottom characterization study, GIS database development, NEPA and ESA compliance document support, and environmental permitting support for the proposed Broward County Segment III Beach Nourishment Project (201 –present)

Melissa Sathe
Senior Scientist
Coastal Eco-Group, Inc.

EDUCATION

M.S., Marine Sciences, Nova Southeastern University, 2008

B.S., Ecology and Evolutionary Biology, Tulane University, 2000

YEARS OF EXPERIENCE

Total: 16

OFFICE LOCATION

Deerfield Beach, FL

PROFESSIONAL AFFILIATIONS

Friends of Our Florida Reefs

Southeast Florida Coral Reef Initiative

American Academy of Underwater Sciences

EXPERIENCE RELEVANT TO RFP

- Biological Surveys- Seagrass, Mangrove, Softbottom and Coral Reef Habitats
 - Impact Assessment
 - Environmental Permitting and Compliance
 - NEPA Documentation & Compliance
 - Benthic Habitat Mapping and Characterization
 - Mitigation Development- Coral and Seagrass Habitats
 - GIS Data Analysis and Mapping
 - Coral Transplantation and Restoration
- **Lake Worth Lagoon Fixed Transect Seagrass Monitoring and Mapping Project (2017-2021)** - Conduct annual seagrass monitoring at fixed transects throughout the lagoon for Palm Beach County.
 - **2016 Broward County Segment II Beach Nourishment Project Agreement (2017-2020)** – Participate in mapping of nearshore hardbottom habitats and biological monitoring and assessment of reef communities including digital video transects and sedimentation surveys of nearshore hardbottom. Contributing author for permit-required annual reports.
 - **Bathtub Beach Sailfish Point Beach Nourishment Project, Martin County, Florida (2017-2021)** – Conduct biological monitoring and assessment of reef communities including digital video transects and sedimentation surveys and assist with development of annual permit-required hardbottom monitoring reports and GIS maps.
 - **2017 South Boca Interim Beach Nourishment Project (2017-2021)** – Manage data analyses and permit-required report development for the City of Boca Raton in Palm Beach County.
 - **General GIS Analysis and Support (2017-Present)** – Perform interpretation and delineation of hardbottom in aerial photography in GIS and develop benthic habitat maps for numerous projects in Florida (Palm Beach Island Beach Management Agreement and Broward County Segment III Beach Nourishment Project).

Melissa Sathe has more than 16 years of professional experience in offshore project management, benthic habitat characterization and mapping, and marine ecological surveys, including coral reef, nearshore hardbottom, artificial reef, and seagrass. Prior to joining Coastal Eco-Group in 2017, Melissa assisted in the management of biological monitoring and reef injury impact assessments for coral reefs in Southeast Florida at The Florida Department of Environmental Protection's Coral Reef Conservation Program (DEP CRCP) from 2012-2017. Prior to DEP CRCP, Melissa was the field coordinator for the offshore monitoring program at Miami-Dade County's Division of Environmental Resources Management (DERM). Offshore monitoring at DERM included beach nourishment projects and artificial reef permitting projects. From 2004-2007, Melissa was a research assistant at Nova Southeastern University and supported the project management for offshore hardbottom monitoring during Segment III beach nourishment activities in Broward County, FL.

Relevant NEPA and ESA Section 7 Project Experience

Senior Scientist and Primary/Contributing Author for the preparation of ESA Section 7 Biological Assessments and NEPA Environmental Assessments and associated environmental permitting support and compliance assistance for the following projects:

- Ponte Vedra Beach, FL Nourishment Project (2020-2021)
- Flagler County Beach and Dune Restoration Project (2019-2021)
- Amelia Island Shore Stabilization Project (2018-2021)
- Flagler County Beach and Dune Restoration Project (2019-2021)
- Broward County Shore Protection Project Segment III (2019-2021)
- Longboat Key North End Structural Stabilization Project (2018-2019)
- Restoration and Periodic Nourishment of Manasota Key, Charlotte County, FL (2017-2018)

Other Relevant Coastal Eco-Group, Inc. Project Experience

- **Shipwreck Park Snorkel Trail and Living Shoreline (2017-2021)**
 Assist with project design and development/permitting of an artificial reef snorkel trail in the vicinity of Hillsboro Inlet for Broward County, FL. Manage seagrass and stony coral field activities and mapping.

Florida Department of Environmental Protection Coral Reef Conservation Program Experience

- Manager of the DEP CRCP's reef restoration project at the Spar Orion and Clipper Lasco Grounding Sites, Broward County, FL (2015)
- Assistant manager for contractor oversight, contract management, environmental permitting review support, and budgets for all associated projects, Miami-Dade – Martin County, Florida (2012-2017)



ROLE:

Principle Engineer

EDUCATION:

Ph.D., Civil Engineering,
Queens University, 2000

M.S., Civil Engineering,
Drexel University 1995

M.S., Engineering
Management, Drexel
University, 1995

B.S., Civil Engineering,
Alexandria University,
1988

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer,
Florida No. 58003

American Society of Civil
Engineers, Member

Academy of Coastal,
Ocean, Port and
Navigation Engineers,
Diplomate,
Communication
Committee member

MOHAMED A. DABEES, PHD, PE, D. CE, Vice President

YRS. OF EXPERIENCE: 27 | YRS. WITH H&M: 21

CAREER SUMMARY:

As a senior engineer and Vice President with Humiston & Moore Engineers (H&M) since 2000, Dr. Dabees has become a key component to the firm's continued success. Dr. Dabees is recognized internationally as an expert in the field of coastal modeling and has established innovative procedures in evaluation of inlet evolution and beach morphology modeling.

Dr. Dabees has worked with the US Army Corps of Engineers (COE) Coastal Inlets Research Program CIRP to provide input on the development of inlet morphology modeling. Dr. Dabees contribution to beach morphology modeling also include the development of long-term beach evolution model NLINE. The NLINE model simulates long-term sediment transport and nearshore morphology over complex bathymetry, nearshore hardbottom and interaction with coastal structures.

Dr. Dabees' contribution to the research of tidal inlets and beach morphology modeling is documented through numerous publications and technical reports. He has completed numerous regional and local modeling studies of tidal inlets, estuaries, barrier islands and erosion control structures throughout the state of Florida.

His contribution to research and development is recognized over the past 20-years through regular participation in reputable international conferences, publications, editorial reviews and collaboration with coastal engineering institutions in North America, Europe, Australia and Japan.

RELEVANT EXPERIENCE:

Model Development Developed and improved the NLINE model's practical capabilities through many applications of the model in support of beach and erosion control projects over the past 21 years. The model has gained acceptance from State and Federal agencies through applied design and permitting of projects in Florida and has achieved international recognition.

Coastal Process Modeling-Tidal inlets and estuaries

Under the direction of Dr. Dabees, H&M has completed numerous regional models for bay and estuarine systems in Florida, including Sarasota Bay and much of Tampa Bay, and other bay/inlet systems in Florida. The regional approach allows simulations of large bay systems that include multiple inlets providing more accurate evaluations of flow rates, current velocities and identification of areas of active sediment movement. The regional approach includes coupled detailed local models for wave, sediment transport and inlet evolution to evaluate inlet and beach morphology for various alternatives and engineering actions. This approach was successfully implemented in numerous inlet management projects including barrier Island and inlet evolution at several inlets in Southwest and central Florida.

Clam Pass inlet management review presentation <https://vimeo.com/443377948>

Coastal Process Modeling - Beach Restoration Dr. Dabees has been responsible for the technical evaluation of the coastal processes and historical shoreline morphology as



well as the evaluation of design alternatives and project performance for numerous beach restoration projects throughout Florida.

Coastal Process Modeling - Erosion Control Structures and Nearshore Hardbottom. Dr. Dabees has completed numerous studies and evaluation of design alternatives for complex coastal erosion problems, including modeling for the City of Deerfield, Broward County segment I, Town of Palm Beach, as well as Palm Beach County. Such modeling areas include extensive hard-bottom in the nearshore and existing coastal structures.

Beach evolution Study for Deerfield/ Hillsboro Beaches and evaluation of erosion hot spot. City of Deerfield, Broward County, Florida- Prepared detailed study of regional beach evolution and evaluation of chronic erosion problem area. The study included review historic information, data collection, monitoring, numerical modeling and analysis. The study was based on data analysis and varying model applications that provided comprehensive understanding on the evolution of the coastal system and identified major factors influencing the problem area.

The New St. Petersburg Pier, Coastal Engineering Services - Design, permitting and construction observation of marine construction elements of the new Pier park area including beach design, breakwaters, revetments, old seawall relocation and coastal engineering support to main pier design. Coastal engineering support of the pier design included regional wave modeling for Tampa Bay, wave loadings on pilings, buildings and pier deck, Design consideration for the adjacent park included creation of a pocket beach (Spa beach) with offshore breakwater and oyster reef and enhancement to sea grass bed areas.

RECENT PUBLICATIONS:

- Dabees, M. (2020). Beach Planform Equilibrium, Application and Methodologies for Climate Change Resiliency Consideration. Coastal Engineering Proceedings, (36v), management.43. <https://doi.org/10.9753/icce.v36v.management.43>
<https://youtu.be/gWsbmi6Vlo0>
- Dabees M., Fleming M., and Damon M., (2019) Coastal Processes and Morphologic Features of Florida Headlands, Case Studies in South and Central Florida, USA. Proceedings. International Symposium on Coastal Sediments, Florida, USA. World Scientific. https://www.worldscientific.com/doi/abs/10.1142/9789811204487_0229
- Dabees M. A. (2018), Hurricane Irma's Morphologic Response on Beaches and Tidal Inlets In Southwest Florida, USA, Proc. Of the 36th International Conference on Coastal Engineering, Baltimore, USA
<http://www.eventscribe.com/2018/ASCE-36ICCE/assets/handouts/675702.pdf>
- Dabees M. A. (2017), Evolution of Barrier Island Sand Spits and Effects on Beach Management Practices. Case Studies in Central Florida Gulf Coast, USA. Proceedings of Coastal Dynamics 2017, Helsingor, Denmark.
http://coastaldynamics2017.dk/onewebmedia/040_DabeesM.pdf
- Dabees M.A. and B.D. Moore (2014), Evaluation of Beach Erosion Up-Drift of Tidal Inlets in Southwest and Central Florida, USA. Proceedings of 34th Conference on Coastal Engineering, Seoul, Korea, 2014
https://journals.tdl.org/icce/index.php/icce/article/view/7918/pdf_934
- Rosati, J.D., Dabees, M., and Tanner, W. (2011), Inlet Reservoir Model, Part II: PC-Interface. Coastal and Hydraulics Engineering Technical Note ERDC/CHL CHETN-IV-xx -. Vicksburg, MS: U.S. Army Engineer Research and Development Center.
<https://cirpwiki.info/wiki/Publications:CIRP-WN-12-1>
- Dabees M.A. and B.D. Moore (2011), Inlet Evolution Modeling of Multiple Inlet Systems In Southwest and Central Florida. Journal of Coastal Research, Special Issue 59. <http://www.icronline.org/doi/abs/10.2112/SI59-013.1>
- Dabees M.A. B.D. Moore, and K.K. Humiston (2011), Evaluation of Tidal Inlets Channel Migration and Management Practices in Southwest Florida., Proc. Coastal Sediments 2011, World Scientific.
https://www.worldscientific.com/doi/abs/10.1142/9789814355537_0037
- Dabees M.A. and B.D. Moore (2010), Evaluation of Inlet Management Practices at Navigation Inlets in Southwest Florida., Proc. of the 32nd International Conference on Coastal Engineering, China.
<https://icce-ojs-tamu.tdl.org/icce/index.php/icce/article/view/1898>
- Dabees, M.A. and N. Kraus (2008), Cumulative Effects of Channel and Ebb Shoal Dredging on Inlet Evolution in Southwest Florida, USA, Proceedings of the 31st International Conference on Coastal Engineering, Hamburg, Germany. World Scientific, pp2303-2315 <http://cirp.usace.army.mil/Downloads/PDF/dabees-kraus-ICCE08.pdf>



MARC DAMON, M.Sc., P.E.

YRS. OF EXPERIENCE: 16 | YRS. WITH H&M: 16

CAREER SUMMARY:

Mr. Damon expertise include technical analysis for beach restoration and erosion control studies, design and permitting. Mr. Damon has a strong mathematical background and has extensive experience in numerical modeling, data processing, visualization, and statistical analysis.

RELEVANT EXPERIENCE:

Coastal Process Models & Analysis .

Mr. Damon experience in applications of numerical modeling of wave propagation and coastal processes using various numerical modeling systems including:

- XBeach developed by Deltares (Netherlands) with funding support from the USACE to assess dune stability and hindcasting of hurricane impacts. It is a state of the art dune erosion model which was designed to provide insight into the nearshore coastal processes such as swash zone and berm interactions as well as dune dynamics and breaching. This model is suitable for short term simulations in the time domain for the duration of a storm. Mr Damon has successfully applied this model to assess dune resiliency during high frequency storms, evaluate the short-term shoreline response to erosion control structures and evaluate potential flow around upland structures during a 100-year storm surge.
- CMS-Wave and CMS-Flow are components from the USACE supported modeling Surface-water Modeling System (SMS). This is a wave phase averaged model suitable for long term morphology simulations of several years. Mr Damon has successfully applied this model to projects on the West Coast and East Coast of Florida for projects including beach nourishment and coastal structures.
- Bouss-2D model is a component from the SMS model suite. It provides time domain wave modeling for wave-structure interactions and applications to erosion control structures such as breakwaters and groins. Mr Damon experience include applications of existing structures as well as in the design phase of proposed erosion control structure projects.
- Wave Watch III is a hindcast wave model developed by NOAA from buoys around the world. Mr Damon developed mathematical models to extract and process the WWIII data at specific location enabling access to over a dozen years of wave records in a timely manner.

ROLE:

Senior Engineer

EDUCATION:

M.S., Coastal Engineering, Florida Institute of Technology, 2003

B.S., Ocean Engineering, Florida Institute of Technology, 2001

REGISTRATIONS & CERTIFICATIONS:

Professional Engineer, Florida No. 70615

American Society of Civil Engineers, Member



Beach Nourishment – Borrow Area Design. Mr. Damon leads the H&M team for geotechnical evaluation of potential borrow areas and the relative compatibility of sediment with the native beach conditions. Using various adopted procedures recognized in the Corps of Engineers' Coastal Engineering Manual, Mr. Damon has developed a statistical approach toward evaluation and design of borrow areas for beach nourishment projects.

Data Reduction, Processing. Mr. Damon provides technical support of data processing. When working with complex LIDAR data sets of hydrographic data, Mr. Damon applies Matlab routines to process large amounts of data for various applications.

FEMA Wave Modeling – LOMR. Mr. Damon has established experience, and knowledgeable command with the application of the FEMA Coastal Hazard Analysis Modeling Program (CHAMP). Mr. Damon has been responsible for coordinating numerous applications of the CHAMP model for evaluation of flood zone designations and the filing of requests for Letters of Map Revision (LOMR). Mr. Damon has established a reputable rapport with the FEMA Contractors for various regions in the processing of the LOMR requests resulting in successful track record in numerous LOMR projects.



Stephen D. Williams, Sr., PE
Mobility Expert



Mr. Stephen Williams has been engaged in civil and transportation engineering design and construction in South Florida since 1970. Mr Williams is a bike commuter and an advocate for complete streets. Mr. Williams has served as the record engineer for numerous transportation, utility, water management, municipal, aviation, recreation, roadway and land development (governmental, residential, mixed-use and commercial) projects in South Florida. These include projects at Florida's Turnpike, Miami International and Fort Lauderdale-Hollywood International Airports and multiple projects for the FDOT and Broward County local municipalities, school districts and universities. Projects have included roadway and site engineering design and analysis (paving, grading, drainage, water and sanitary sewer design and construction administration) for both private and governmental clients. He has served as the general municipal civil engineering consultant to cities of Pompano Beach, Deerfield Beach, Lighthouse Point, Wilton Manors, Parkland, Margate, Southwest Ranches, Pembroke Park, Oakland Park, Miramar, Plantation, Fort Lauderdale, Sunrise, and Tamarac throughout his career. Notably, Mr. Williams developed a SWMM EXTRAN computer model for the 55,000-acre Indian River Farms Water Control District. Mr. Williams also serves as the Firm's Senior Quality Assurance / Quality Control (QA/QC) Officer and continuously monitors all projects for compliance with our established QA/QC Program.

YEARS OF EXPERIENCE
 44 years

YEARS WITH KEITH
 8 years

EDUCATION
 B.S. Civil Engineering,
 University of Florida
 1977

PROFESSIONAL REGISTRATIONS
 32090, Professional
 Engineer, Florida

RELEVANT PROJECT EXPERIENCE

MLK Boulevard Streetscape Improvements Phase I & II, Pompano Beach, FL: The Pompano Beach Northwest Community Redevelopment Agency (CRA) wanted to enhance the area along Martin Luther King Boulevard between I-95 and Dixie Highway. This area was part of the CRA's overall master plan known as the "Downtown Pompano Connectivity Plan". The proposed improvements included multi-modal (pedestrian/bicycle/transit) friendly streetscape with landscape/hardscape beautification features along MLK Boulevard including special pavement materials, new pedestrian level and roadway decorative lighting, streetscape furnishings, utility adjustments (including undergrounding overhead FPL/Comcast/AT&T lines), and overall drainage, utility, and roadway improvements. KEITH was awarded this project as the Prime Consultant and assembled a multi-disciplinary team to complete all design aspects. KEITH was responsible for the overall team management, engineering, permitting, planning, surveying, public consensus, and construction management. After the design was complete, the CRA split the project into two construction phases due to budgeting restraints. Phase 1 consisted of Dixie Highway to NW 6th Avenue and Phase 2 would be I-95 to NW 6th Avenue. During Phase 1, KEITH assisted the Pompano Beach Northwest CRA and the City of Pompano Beach with construction management of their Contractor (selected as a Construction Management At-Risk (CMAR)) throughout the 18-month schedule. KEITH oversaw the construction operation daily, ensured the contractor followed the plans and perform quality workmanship.

SR A1A Improvements Pompano Beach, Pompano Beach, FL: This project consists of streetscape improvements along SR A1A from Sunset Lane the Hillsboro Inlet. The streetscape improvements include the addition of landscaped medians, widened sidewalks where right-of-way is available, street lighting, and landscape improvements. These services consist of survey, subsurface utility engineering, civil engineering, traffic engineering, transportation engineering, landscape design, and construction engineering inspection for the proposed improvements. During early project coordination, it was determined that FDOT had an overlapping resurfacing project with the City of Pompano Beach's planned project. We were able to coordinate to have the FDOT funds transferred to the City of Pompano Beach to increase the construction budget on the City's project.

Blount Road Signal Design, Pompano Beach, FL: KEITH provided professional services for the signalization and pavement marking improvements along MLK Boulevard at the Blount Road and NW 31st Avenue intersections. The signalization to the intersection facilitates safe and reasonable access for southbound traffic on Blount Road to access MLK Boulevard and properly sequences with the signal at NW 31st Avenue. The design plans provided by KEITH

include pavement markings, paving, curbing, signage, conduit trenching, grading and sodding, including a complete set of traffic signal design plans to construct a new mast arm assembly at the intersection. KEITH also provided a topographic survey of the project area to support the engineering design. The survey identified all surface features including roadway, sidewalk, medians, striping, utilities, etc. Utility designation services were also provided. KEITH performed utility location services, utilizing vacuum excavations to confirm/verify any targets identified during the EMI and GPR evaluation.

City of Parkland Miscellaneous Services, Parkland, FL: KEITH is currently providing general engineering, planning and surveying services to the municipality on an as-needed basis as part of our Continuing Contract for Professional Engineering, Planning and Surveying Services. Some projects provided under these contracts include:• Pine Trails Park Wetland Mitigation Area• Municipal Land Use Map Amendments• Master Plan for "The Wedge" Parcel• Parkland Dog Park Design• Capital Improvements Elements (CIE) Annual Update• Liberty Park (Build-A-Park Community Project)• Annexation Parcel Map Exhibit• Dollyland Parcel Sketch• Misty Meadows Parcel Sketch• North Springs Improvement District Parcel• Holmberg Road Sidewalk Improvements• Holmberg Road Roadway Improvements• Citywide Traffic Study• Update City of Parkland Maps• Pine Trails Park Roadway & Utility Improvements• Land Use Map Update & Text Amendment• Lox Road Lighting Photometric Plan• Parkland Roundabout Conceptual Design• Tennis Center at Quigley Park

City of Deerfield Beach 10th St Interchange Connector, Deerfield Beach, FL: The Project corridor is approximately 2.5 miles long, on SW 10th St in Deerfield Beach, Florida, between the 10th St interchange with the Florida Turnpike and the 10th St interchange with I-95. FDOT is planning a high speed connector along this corridor, to alleviate traffic congestion and promote the efficient flow of traffic to serve the residents and businesses along the corridor. KEITH has coordinated with the City, COAT members (MPO established Public Involvement Committee), Florida Department of Transportation (FDOT), the Florida Turnpike Enterprise (FTE), Broward County Metropolitan Planning Organization (MPO) and others as requested by the City. KEITH has reviewed proposed reports and plans and prepared document and advised the City on matters related to the proposed Project. KEITH has assisted in steering the Project to be most beneficial to the City.

Colonial Drive Traffic Calming, Margate, FL: KEITH provided Phase 1 of traffic calming, pedestrian routing and streetscape improvements containing approximately 500 LF of Local Roadway. The project scope included schematic drawings of existing conditions, concept drawings including two alternatives considering potential lane width modifications, road geometry adjustments, landscaping, street lighting, potential pavement enhancements, other improvements aimed at enhancing pedestrian crossing experience on Colonial Drive and traffic calming, cost estimates, coordination meeting with Northwest Regional Hospital and MCRA staff and public workshops, if necessary.

Hillsboro Shores Drainage Improvements, Pompano Beach, FL: The project involved preparing engineering plans and specification to improve the drainage systems in the Hillsboro Shores area. This project was based on the City of Pompano Beach Stormwater Master Plan. The KEITH Team provided topographic surveying, horizontal designation services, location services, public outreach, preliminary design, design development, and construction administration services.

Washington Street & 72nd Avenue Mobility Improvements, FDOT D4, Hollywood, FL: KEITH was selected by the Florida Department of Transportation for this design project which adds bicycle lanes and pedestrian improvements to each corridor, FM#431770-1-32-02. The KEITH Team provided ADA compliance improvements, roadway, drainage, signing and pavement marking, landscaping, survey, subsurface utility engineering, utility coordination, geotech, and public involvement services to the Department for the project. This is a Broward County Metropolitan Planning Organization (MPO) funded project and FDOT District 4 is the client and project facilitator. Our Team's extensive experience coordinating with multiple agencies and stakeholders are key factors in the successful completion of this project.

Northeast 3rd Avenue Roadway Improvements, Deerfield Beach, FL: KEITH was tasked with providing Roadway and Landscape CEI services. KEITH was responsible for the final certification stating that the project was constructed in sustainable conformance with the approved plans and specifications as permitted by all governing agencies having jurisdiction over the project. For Landscape CEI services, KEITH provided responses related to tree removal and relocation, landscape installation/construction observation service for quality and quantity control of plant species and design intent as specified in plans throughout installation process.



Ron DeSantis, Governor



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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WILLIAMS, STEPHEN DONALD

2365 NE 7TH PLACE
FT. LAUDERDALE FL 333043545

LICENSE NUMBER: PE32090

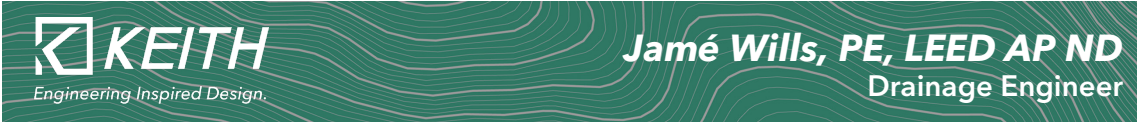
EXPIRATION DATE: FEBRUARY 28, 2023

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Mr. Wills is a professional engineer with eight years of experience in design, permitting, and construction inspection. Mr. Wills' experience includes projects with Broward County, Miami-Dade County, and Palm Beach County and several private entities. Duties include design, drainage calculations, plans preparation, shop drawing review, responding to contractor's request for information, coordinating with plan reviewers and addressing comments. Software experience includes Cascade 2001, ICPR, AutoCAD and Civil 3D.

RELEVANT PROJECT EXPERIENCE

Pompano Beach Parking Garage D/B, Pompano Beach, FL: The new Pompano Beach Pier Parking Garage is located at the southeast corner of North Ocean Blvd. (SR- A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. The Pompano Beach CRA has ambitious plans for the redevelopment of the area and the need for additional parking facilities in the beach area is critical for the future of this beach community.

As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project. Our professional services included extensive community and municipal outreach, complete topographic and boundary surveying, utility investigation of all public and private utilities within and adjacent to the project limits, complete civil design to adequately provide water/fire/sanitary sewer service and stormwater management design/grading of the site to ensure compliance with recently changed federal/state and local criteria, full landscape and irrigation design, permitting through all jurisdictional agencies and construction inspection and certification services.

Pompano Beach Fire Station No. 61, Pompano Beach, FL: KEITH was responsible for processing one easement vacation through the proper utility company including coordination of submittal documentation, coordination with utility service members, coordination of meeting and county recordation assistance. KEITH coordinated easement exhibits, sketch and descriptions, as-built document review, conducted field visits, and coordinated necessary utility removal/relocations for vacation.

Pompano Beach Fire Station No. 52, Pompano Beach, FL: KEITH was responsible for processing one easement vacation through the proper utility company including coordination of submittal documentation, coordination with utility service members, coordination of meeting and county recordation assistance. KEITH coordinated easement exhibits, sketch and descriptions, as-built document review, conducted field visits, and coordinated necessary utility removal/relocations for vacation.

City of Deerfield Beach Miscellaneous Engineering, Planning & Surveying Services, Deerfield Beach, FL: KEITH has served as the General Engineering Consultant for the City of Deerfield Beach for over 16 years. KEITH is providing on-going continuing services as needed including engineering and surveying and mapping services to the municipality. KEITH also provided plan review services. Some projects provided under these contracts include Hillsboro Boulevard and A1A "S-Curve"; beach roadway drainage and beautification (Phases I and II); Ocean Way Café Luna improvements; Ocean Way drainage, infrastructure, and beautification improvements; Deerfield Beach sand and dune stabilization, re-nourishment, and erosion control; Deerfield Beach Boardwalk volleyball courts and artificial reef improvements; Main Beach parking lot improvements; intersection improvement design of Goolsby Boulevard/Hillsboro Boulevard; intersection improvement design of Century Boulevard/Hillsboro Boulevard; Hillsboro Boulevard streetscape improvements; SW 15th Street roadway improvements; Sullivan Park/Kester Marina developments; Pioneer Park improvements and boat ramp improvements; Mayo Howard Park surveys; Paradise Point engineering design surveys; comprehensive plan housing element update; industrial zoning ordinance; encroachment exhibits survey; ADA sidewalk assessments and design services; Powerline Industrial Park FEMA Drainage Study and grant application; The Cove Shopping Plaza, parking lot and alleyways redevelopment and beautification; Deer Run Parkway boundary survey; and Highlands Park improvements.

Broward College North Campus Landscape Drainage, Coconut Creek, FL: KEITH is providing surveying and landscape architectural services to address existing drainage issues and to provide more seating in the arrival area between buildings 48 and 49. Schematic plans will be developed to address the drainage and seating requirements for the area. Permitting and Construction Management are also part of this contract.

Broward College Reclaimed Water Supply, Davie, FL: KEITH will provide research for the feasibility for Broward College to connect the campus chiller plant and irrigation system to the reclaimed water lines from the Town of Davie. KEITH will develop the cost estimate for the expense of modifying Broward

YEARS OF EXPERIENCE
8 years

YEARS WITH KEITH
3 years

EDUCATION
M.S. Engineering
Management, Florida
International University
2017

B.S. Civil Engineering,
Florida International
University 2013

**PROFESSIONAL
REGISTRATIONS**
85632, Professional
Engineer, Florida

**PROFESSIONAL
CERTIFICATIONS**
LEED AP ND

College's existing system and will draft a conceptual design. KEITH will work as a liaison between the Town of Davie and the client to best present the hardships and benefits to the client. KEITH will prepare a feasibility study report based on our research.

Delray Beach CRA Corey Isle, Delray Beach, FL: KEITH provided civil engineering and landscape architectural services for The Corey Isle project. Corey Isle consists of 10 single-family workforce housing units in the Southwest Neighborhood at the Northwest corner of Southwest Seventh Avenue and Southwest Fourth Street. The homes 1,800 - 2,300 square foot homes range from 3-4 bedrooms with 2 bathrooms. The aesthetic design elements of the Corey Isles project were designed with the area's cultural history. Civil engineering services included paving, grading and drainage. Landscape Plans and Irrigation Plans for ten (10) residential lots for Corey Isle. Landscape architectural services for the single family lots included plant layout, plant list, and landscape tabulations for planting, as well as drainage swales and slopes indicating drainage flow.

Delray Beach Seaboard Air Line Railway Station Restoration, Delray Beach, FL: KEITH provided survey, laser scanning, civil engineering, and landscape architecture design, engineering, and bid-related professional services related to the rehabilitation of the Delray Beach Seaboard Air Line Railroad Station. The planned rehabilitation efforts will accommodate the adaptive reuse of the original 1927 portion on the south side of the building to accommodate office space; the adaptive reuse of the northern portion will accommodate a future business incubator. The site will be designed to accommodate improvements including parking, lighting, and landscaping which incorporate historically appropriate details and materials. Additional on-site improvements will provide offsite connectivity for pedestrians and bicyclists; off-site improvements will be limited to the public right-of-way and provide connectivity for pedestrians, bicyclists, and vehicles. The project shall include sustainability concepts and efforts.

Port Everglades Sally Port Gate, Fort Lauderdale, FL: KEITH supplied the required design and construction services and documents. KEITH's services including topographic surveying, SUE, utility mapping, horizontal designation services, planning, preliminary engineering design plans, and construction documents including pavement parking and signing plans, erosion control plans, demolition plans, permitting, and bid and construction services for County project PNC2116615B1.



Ron DeSantis, Governor



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STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

THE PROFESSIONAL ENGINEER HEREIN IS LICENSED UNDER THE
PROVISIONS OF CHAPTER 471, FLORIDA STATUTES

WILLS, JAME JELANI BRAD

3755 SW 90 AVENUE
MIRAMAR FL 33025

LICENSE NUMBER: PE85632

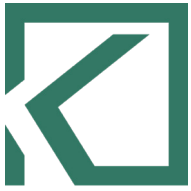
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MARK MITCHELL

Director of Subsurface Utility Engineering

KEITH

As Director of Subsurface Utility Engineering for KEITH's SUE/subsurface utility engineering division, Mr. Mitchell is responsible for the oversight of the day to day operations of all subsurface utility engineering projects. Mr. Mitchell's role allows him to review and determine if additional utility investigation is needed for assigned projects in South Florida. He completed projects from beginning phases to final delivery; which included preparing and submitting fee proposals, coordinating with clients. Mr. Mitchell performs quality control and finalizes the delivery while keeping clients informed on a daily basis. His experience also includes creating DTM's, Topo's, Tin Models, PNC's and Test Hole summary spread sheets. Mr. Mitchell provides a liaison between designers, utility agencies and owners on behalf of clients to provide utility coordination services, providing documentation, inter-coordination and maintenance of files of all activities for each utility agency.



Years of Experience
20

RELEVANT PROJECT EXPERIENCE

City of Pompano Beach CRA Miscellaneous Engineering and Surveying Services, Pompano Beach, FL: KEITH is currently providing general engineering and surveying and mapping services to the CRA on an as needed basis on this ongoing continuing services contracts. Some projects provided under this contract include: MLK Boulevard Study & Boundary Survey, MLK Boulevard Planning & Design, FEC Railroad Right-of-Way Study, Municipal Pier Restaurant Redevelopment, MLK Boulevard Street Vacation Services, Pompano Beach Boulevard Streetscape & Dune Revitalization, East Atlantic Boulevard/Pompano Beach Boulevard Surveys, Old Pompano Area Design Survey (North of Atlantic Boulevard), MLK Boulevard Survey (I-95 to Dixie Highway), Right-of-Way Vacations & Dedications for NW CRA (NW 4th Street and NW 4th Avenue), Professional Services for Mixed-Use Downtown Pompano Connectivity Plan, NW 6th Street Topographic Survey and Street Light Locations, Pompano Springs Utility Easements, Ortanique Boundary Survey, NW Corner of NW 6th Avenue/MLK Boulevard Plat & Re-Plat, FPL Utility Easements, MLK Boulevard Update Survey, Professional Services for the Development of 731 Hammondville Road, Professional Services for MLK Boulevard Streetscape Improvements, FEC Flagler Corridor Landscape Easements, Pompano Beach Library Branch Relocation Survey, Rezoning of NE Corner of MLK Boulevard & NW 6th Avenue, Atlantic Point Boundary and Topographic Surveys, Trafficway Plan Amendment for MLK Boulevard/Hammondville Road, Bailey Hotel Boundary Survey, Old Pompano Area Water and Sewer Improvements for Future Development Restaurants, and MLK Boulevard Water Main Design.

Fire Station #11, Pompano Beach, FL: As the utility supervisor, Mr. Mitchell was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the design engineer on accurately identifying the existing utilities in order to mitigate conflicts with the proposed design.

Fire Stations #24 and #61, Pompano Beach, FL: As the utility supervisor, Mr. Mitchell was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the City of Pompano Beach Project Manager on preparing the design build documents to be released for bid.

City of Deerfield Beach Miscellaneous Engineering, Planning and Surveying Services, Deerfield Beach, FL: KEITH has served as the General Engineering Consultant for the City of Deerfield Beach for over 14 years. KEITH is providing on-going continuing serves as needed including engineering and surveying and mapping services to the municipality. KEITH also provided plan review services Some projects provided under these contracts include: Hillsboro Blvd and A1A "S-Curve" Beach Roadway, Drainage and Beautification (Phase I and II), Ocean Way Café Luna Improvement, Ocean Way Drainage, Infrastructure, and Beautification Improvements, Deerfield Beach Sand and Dune Stabilization Re-nourishment and Erosion Control, Deerfield Beach Boardwalk, Volleyball Courts and Artificial, Reef Improvements, Main Beach Parking Lot Improvements, Intersection Improvement Design of Goolsby Blvd/Hillsboro Blvd, Intersection

Improvement Design of Century Blvd/Hillsboro Blvd, Hillsboro Blvd Streetscape Improvements, SW 15th Street Roadway Improvements.

SR A1A Conversion, Pompano Beach, FL: As the utility supervisor, Mr. Mitchell was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the City of Pompano Beach Project Manager on preparing the design build documents to be released for bid.

Martin Luther King Jr. Boulevard, Pompano Beach, FL: As the utility supervisor, Mr. Mitchell was tasked with providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services to assist the design engineer on accurately identifying the existing utilities in order to mitigate conflicts with the proposed design.

Briny Avenue Streetscape Improvements, Pompano Beach, FL: This project involved the reconstruction of East Atlantic Boulevard from A1A to Pompano Beach Boulevard/Briny Avenue including wider sidewalks, revised parking configurations and lanes. KEITH provided professional services for a design survey as well as the designation and location of subsurface utilities along Briny Avenue from the south right-of-way line of Atlantic Boulevard to the south end of Briny Avenue.

FDOT District 4 Dixie Highway Flyover Design-Build, Broward County, FL: Originally this project was expected to follow the traditional Design, Bid, Build process, but was converted to a Design-Build. In order to meet the Department's aggressive schedule for advertisement, the bid package creation was placed on a fast track. Being part of the original design team providing Subsurface Utility Engineering and design survey services, Mr. Mitchell was contracted to provide additional Subsurface Utility Engineering and survey services required to help finalize the bid plans. It was his past experience and vast available resources that made it possible to meet the designer's needs and schedule and ultimately those of the Department.

John Knox Village Health Center, Pompano Beach, FL: The John Knox Village Health Center is a seven story "Green House" skilled nursing facility. The state of the art center is one of Florida's first of its kind. It is located on their 65 acre campus in Pompano Beach and can house a total of 144 residents in the building. KEITH provided planning, surveying, civil engineering, landscape architecture, construction administration and SUE services. KEITH was responsible for processing the site plan, civil design, and processing construction permits.

Fort Lauderdale-Hollywood International Airport SUE Services, Broward County, FL: As the utility supervisor, Mr. Mitchell was responsible for providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services as a subconsultant on many projects for the airport such as Phase 1 Utility Atlas Update for South Runway Expansion, Phase 2 Utility Atlas for South Runway Expansion, Terminal 4 Fuel Line Relocation, 9R/27L Runway Expansion, Perimeter Road Water and Sewer Utility Improvements, Eastside Watermain Improvements, Westside Watermain Improvements, North Perry Airport HWO Wayfinding, Terminals 2 and 3, etc.

The Wave Modern Streetcar Project, Ft. Lauderdale, FL: As a Subconsultant to HDR Engineering, Inc., KEITH was tasked with providing Surveying and Subsurface Utility Engineering (SUE) services for this modern streetcar in Downtown Fort Lauderdale between Northwest 6th Street and Southeast 17th Street. The system would operate 5 modern streetcars in mixed traffic along existing roadways and would utilize transit signal priority. Mr. Mitchell is currently serving as the field supervisor of all utility-related services providing designation, location and mapping of existing subsurface utilities; Utility designation of all known tone-able and non-tone able utilities within the apparent right of way of the Phase 1A Streetcar limits. Up to 44 locations (test holes) shall be utilized to verify radar data and designations.

Ft. Lauderdale-Hollywood International Airport, Broward County, FL: As the utility supervisor, Mr. Mitchell was responsible for providing ASCE Standard Quality Level B (Designating) and Quality Level A (Locating) Subsurface Utility Engineering services as a subconsultant on many projects for the airport.



MICHAEL MOSSEY, PSM

Senior Surveyor & Mapper

Mr. Mossey has over 40 years of experience in land surveying and mapping in South Florida. He has extensive senior project management experience for large-scale projects and continuing service, on-call type contracts for both public and private sector clients. He is a highly talented Quality Surveyor with a successful track record in budget estimation, valuation of items and completing projects on time. Mr. Mossey's experience includes a wide range of projects incorporating GIS deliverables for various agencies including Broward County, the Federal Aviation Administration (FAA) and municipalities.

RELEVANT PROJECT EXPERIENCE

Pompano Beach Boulevard Streetscape, Pompano Beach, FL: Mr. Mossey was responsible for the Coastal Hydrographic and Topographic Surveys for Florida Department of Environmental Protection (FDEP) Permitting for the design and construction of the roadway and pedestrian pathways adjacent to the beachfront. The project was situated seaward of the Coastal Construction Control Line therefore the design required extensive hydrographic and topographic survey in accordance with the requirements of the Florida Department of Environmental Protection-Division of Beaches and Shores as set forth in Section 62B-33.0081.

Pompano Beach Oceanside Fire Station #11, Pompano Beach, FL: KEITH is working with a team of consultants with the primary responsibility of surveying and platting to construct a new barrier island Oceanside Fire Station (Station # 11) in Pompano Beach. The proposed site required a land use plan amendment, rezoning, platting and site plan approval before the station could be permitted. KEITH coordinated with City staff and other consultants to properly time the plat approval in conjunction with the plan amendment as well as coordinating with the architect and FDOT for the plat opening along A-1-A for the fire station driveway. As Survey Project Manager, Mr. Mossey prepared Boundary and Topographic Design Survey including tree locations and identifications for this new public facility station on A-1-A including offsite improvements. Services included easement vacations plat preparation, processing and recordation.

Pompano Beach Fire Station #103, Pompano Beach, FL: As a sub-consultant to Currie Sowards Aguila Architects, KEITH responsibilities included the following services: preparing boundary and topographic surveys; plat preparation and processing; preparation of documents and attendance meetings for the site plan approval; pre-application meeting with agencies having jurisdiction; prepare all required bidding and construction documents for the projects, design plans, supplementary contract requirements, technical specifications and cost estimates; provide assistance for LEED BD+C rating documentation and processing; prepare and process all required plat permit applications and submittal packages as required for permit issuance of all agency permits.

Pompano Beach GIS Mapping Services Pilot Project, Pompano Beach, FL: KEITH was tasked to locate all water meters and valves, sanitary manholes and cleanouts, and storm drainage inlet structures and manholes with at least sub-meter grade GPS (Global Positioning System). The general limits of the project are from McNab Road (SE 15th Street) to the southerly edge of water of Lettuce Lake (just North of SE 8th Street) and from the easterly right-of-way of Federal Highway to the westerly edge of water of the Intracoastal Waterway. Mr. Mossey served as Senior Project Surveyor for this GIS project and is currently working in this geographic area and progress up to 1,550 data points. Once completed, KEITH will edit the files by moving the existing utilities, including any pipes, services or laterals that connect to the structure, to the true, GPS-verified location. The attribute data attached to each utility will remain unchanged.



Years of Experience
40

Education
Maryville College,
Maryville, Tennessee

Professional Registrations
State of Florida
Professional Surveyor &
Mapper #5660

Professional Affiliations
Florida Society of
Professional
Surveyors & Mappers

*Secretary, Broward
Chapter FSMS,
1999-2000 and
2000-2001*

S.R 811/ Dixie Highway, Pompano Beach C.RA, Pompano Beach, FL: Mr. Mossey serves as the Project Surveyor for this design and right-of-way survey including 1-mile of State Road 811, the adjacent F.E.C. Railroad R/W and municipal roadways within the historic downtown district. Project included a complete topographic design and right of way survey, title document review, and horizontal and vertical control. Sketch of descriptions were also prepared for land acquisition parcels and roadway and utility vacations.

A-1-A / S.R 814 Atlantic Boulevard, Pompano Beach, FL: As Survey Project Manager, Mr. Mossey prepared extensive Topographic Design Surveys for this Pompano Beach CRA roadway improvement project. Project included design and right-of-way survey as well as a FDEP Coastal Topographic Survey required for design and permitting of coastal roadways, pedestrian walkways, and beach and dune beautification improvements. Concept includes reconstruction of roadway, water, sewer and drainage, streetscapes and beatifications.

Design/Build Pier Parking Garage, Pompano Beach, FL: The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design/build team, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape and Irrigation Design, Permitting and Construction Inspection of the project.

Broward County Parks and Recreation Department General Surveying Consultant Services Contract, Broward County, FL: As part Broward County's \$400 Million Bond Program, KEITH provided general surveying and mapping services to the County's Park and Recreation Department. As Survey Project Manager, Mr. Mossey prepared Boundary and Topographic surveys for multiple parks including CM Smith Park Aquatics Center, Central Broward Regional Park, Tradewinds Park, Quiet Waters Park and Driftwood.

City of Deerfield Beach and CRA Miscellaneous Surveying and Mapping, Deerfield Beach, FL: KEITH is currently provides ongoing continuing services providing on-call general surveying and mapping services to the municipality and CRA on an as needed basis for all transportation and municipal projects. Mr. Mossey serves as Senior Project Surveyor.

Fort Lauderdale-Hollywood International Airport (FLL) Utility Atlas Update, Fort Lauderdale, FL: KEITH, as subconsultant partner to RS&H, was tasked with providing record research, surveying and subsurface utility engineering (SUE) services. This was an extensive 550 + acres project consisting of establishing geodetic and vertical networks control, engineering design surveys, drainage as-builts, subsurface utility engineering and aerial photography survey support. The utility atlas is an ongoing BCAD CIP effort compiling years of historic as-built and record drawing information while verifying and incorporating current surface and subsurface utility infrastructure design and survey data. New record drawing and as-built information from ongoing construction projects throughout the airport is being continuously added to the atlas and made available to the airport's consultants and contractors to assist in their design and construction needs.

City of Fort Lauderdale Continuing Surveying and Mapping Services, Fort Lauderdale, FL: KEITH provided general surveying and mapping services to the municipality on an as needed basis through 2013. Some projects include:

- NE 27th Street ADA Parking Lot Topographic Design Surveys
- ADA Compliance Design Surveys for Eisenhower Blvd and SE 17th Street, Las Olas Circle, Birch Road, SE 4th Street, SE 16th Avenue and SE 15th Avenue, and NW 4th Andrews Avenue to NW 1st Avenue
- Peele Dixie Water Treatment Plant Engineering Design Surveys, Boundary and Topographic Surveys
- SE 15th Street Boat Ramp Boundary Surveys
- Hорт Elementary School ALTA/ACSM Land Title Survey
- Mills Pond Park Boundary Survey
- Croissant Park Athletic Field Staking and Final As-Built Sketch for the City's records
- River Oaks (Lauderdale Marine Center) Specific Purpose Survey & Sketch and Design
- South Middle River Park Boundary Survey
- Fort Lauderdale Executive Airport (FXE) Taxiway Golf Relocation FAA Survey Submittal Assistance
- 17th Street Causeway Service Road Utility Designation and Mapping
- River Oaks Preserve Topographic Survey



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500

License No.: **LS5660**

Expiration Date February 28, 2023

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

MICHAEL MARK MOSSEY
11311 NW 37 ST.
SUNRISE, FL 33323

A handwritten signature in black ink that reads "nicole fried".

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

This is to certify that the professional surveyor and mapper whose name and address are shown above is licensed as required by Chapter 472, Florida Statutes.



KEITH

TIMOTHY GRAY, PSM

Project Surveyor

Mr. Gray is a Surveyor & Mapper with over 19 years of experience with surveying in South Florida. He is a graduate of the University of Florida's Geomatics Program. His experience includes a variety of surveying assignments, including: Right-of-Way mapping, chain of title research and review, computations, topographic surveys, drainage surveys, ACSM/ALTA surveys, digital terrain models (DTMs), condominium surveys, and calculated parcel/construction stake outs. His experience has included projects for both public and private sector clients. Mr. Gray is proficient in the industry's software including MicroStation XM, Leica Level-pac, GeoPak, Caice, and AutoCAD. He is also proficient in the processing of survey data including both Electronic Field Book (EFB) and Tripod Data Systems (TDS) Data collection.

RELEVANT PROJECT EXPERIENCE

Pompano Beach Design/Build Pier Beach Parking Garage, Pompano Beach, FL: The new Pompano Beach Pier/Beach Parking Garage is located at the southeast corner of North Ocean Blvd. (S.R A1A) and NE 3rd Street on a 3.5-acre site. The new parking garage includes five stories, 625 parking spaces, speed ramp to facilitate access to higher levels of the garage and some retail space on the ground level fronting NE 3rd Street and the new Pier Street. As part of the design-build team, led by Kaufman Lynn Construction, KEITH was responsible for Planning, Surveying, Utility Coordination/Investigation, Civil Engineering, Landscape Design, Permitting and Construction Inspection of the project.

John Knox Village Health Center, Pompano Beach, FL: The John Knox Village Health Center is a seven story "Green House" skilled nursing facility. The state of the art center is one of Florida's first of its kind. It is located on their 65 acre campus in Pompano Beach and can house a total of 144 residents in the building. KEITH provided planning, surveying, civil engineering, landscape architecture, construction administration and SUE services. KEITH was responsible for processing the site plan, civil design, and processing construction permits.

Pompano Beach Downtown Connectivity Plan, Phase 1 & 2, Pompano Beach, FL: KEITH is responsible for performing an area wide study of the Northwest CRA existing infrastructure to create an underground utilities atlas map as well as to analyze the existing roadway infrastructure for suitability, connectivity, and circulation. KEITH prepared an assessment of the existing facilities and provided recommendations on suitability of the CRA's land use. Phase 2 - Based on the approved Connectivity Plan as provided by the Pompano Beach CRA, the proposed improvements are to include pedestrian friendly streetscape with landscape/hardscape beautification features along MLK Jr. Blvd. and in Old Pompano Downtown; including special pavement materials, pedestrian lighting and roadway, streetscape furnishings, utility adjustments, and drainage and roadway improvements.

Martin Luther King Boulevard, Pompano Beach, FL: As a Project Surveyor, Mr. Gray was tasked with providing design survey in coordination with our subsurface utility engineering team.

KOI Residences and Marina, Pompano Beach, FL: Mr. Gray is responsible for preparing all of the Elevation Certificates, Final Boundary surveys for the individual units and the as-built surveys for this 8.8 acre development which includes 350 residential condos and apartments, restaurant and commercial retail units.

FDOT District 4 Districtwide Surveying & Mapping Services FPID 425037-1-32-01, Broward County, FL: Mr. Gray served as the project surveyor on this Districtwide Surveying and Mapping Contract. For this contract, Mr. Gray completed multiple Task Work Orders including design surveys for I-95 at SW 10th Street (S.R 869) and S.R 845 (Powerline Road). In addition, this contract included major R/W Surveys for Interstate 75 in Miami Dade County and the FEC Railroad in Palm Beach, which included calculating the historic Baseline of Survey. He also completed the R/W Control Survey for 14th St Causeway (S.R 844). As with all Districtwide contracts, this contract included miscellaneous tasks, such as additional DTM surveys, drainage as-builts, parcel stake-



Years of Experience
19

Education
BS Geomatics,
University of Florida,
1999

Certifications
Registered Professional
Surveyor & Mapper,
Florida #LS6604

outs, both horizontal and vertical control needed for the various tasks.

FDOT District 4 Districtwide Miscellaneous Survey Services, FPID 229922-4-32-01, Broward County, FL: Mr. Gray started this Districtwide contract as survey technician and later became the project surveyor. This districtwide had over 95 task work orders within a 5 year period. The tasks ranged from simple parcel stake-outs to full design surveys. Some of the larger tasks included the full design surveys for S.R 7, S.R 814 (Atlantic Blvd), S.R 869 (SW 10th Street), and S.R 820 (Hollywood/Pines Blvd), which includes three separate surveys. Assignments included both horizontal and vertical control needed for the various tasks, as well. The planning and adjusting of the GPS, the processing of EFB data and/or the adjusting of the level runs. Besides supervision, he processed the survey data, calculated the historic baseline of survey and existing right of way and created and modified Geopak TIN files.

FDOT District 4, Districtwide R/W Mapping: Mr Gray was the Project Surveyor for a Miscellaneous Right-of-Way Mapping Contract, providing Right-of-Way Maps, Control Surveys, and surveying services for projects including: SR-870/Commercial Boulevard (Broward County), SR-882/Forest Hill Boulevard (Palm Beach County), SR-818/Griffin Road (Broward County). Mr. Gray worked closely with the FDOT staff to provide mapping services for three complex projects along SR-A1A (Broward and Palm Beach) which required more comprehensive research than is customary.

- *Forest Hill Boulevard (S.R 882), Wellington, FPID N/A (93016-2500):* Mr. Gray was the Project Surveyor on this Controls Survey and Genesis R/W Mapping Project which goes from S.R 7 to Military Trail for 5.8 miles. He was the signing surveyor of the R/W Control Survey. He planned and adjusted the GPS sessions and oversaw the technicians in processing the secondary traverses, processed all EFB data for the R/W Survey and performed calculations for the R/W Map and supervised the technicians who completed the final drafting.
- *Griffin Road Control Survey and Genesis Map (S.R 818), Dania Beach, FPID 413832-1:* Mr. Gray was the Project Surveyor on this Controls Survey and Genesis R/W Mapping Project which goes from S.R 7 to Federal Highway (S.R 5) for 4.2 miles. He was the signing surveyor of the R/W Control Survey. He planned the GPS sessions and oversaw the technicians in processing of the primary and secondary survey data and performed calculations for the R/W Map, reviewed title searches for the length of the corridor and supervised the technicians who completed the final drafting. Section #86015-2525
- *S.R A-1-A Control Survey and Genesis Maps, Boca Raton and Deerfield Beach, FPID N/A (86015-2525 & 93060-2507):* Mr. Gray was the Project Surveyor on this Controls Survey and Genesis R/W Mapping Project which goes from Hillsboro Blvd in Broward County to Spanish River Boulevard in Palm Beach County for 5.2 miles. Two maps were prepared for this project. He was the signing surveyor of the R/W Control Surveys. He planned the GPS sessions and oversaw the technicians in processing of the primary and secondary survey data and performed calculations for the R/W Map, reviewed title searches for the length of the corridor and supervised the technicians who completed the final drafting. Sections #86050-1510, 86050-2510, 93060-1507, and 93060-2507
- *S.R A-1-A Genesis Maps, Palm Beach, FPID 229858-1-32-01:* Mr. Gray was the Project Surveyor on this Controls Survey and Genesis R/W Mapping Project which goes from Lake Avenue (S.R 802) to Southern Boulevard (S.R 80) in Palm Beach County for 4.31 miles. This project was taking the information from a previous design and right of way survey from a sub-consultant and creating a genesis right of way map. He was the signing surveyor of the R/W Control Survey. He performed calculations for the R/W Map and supervised the technicians who were doing calculations and drafting as well as reviewed title searches for the length of the corridor. Sections #93060-2525 and 93060-1525

FDOT District 4 Districtwide Miscellaneous Survey Services, FPID 229922-1-32-08, Broward County, FL: Mr. Gray was the survey technician for this five year contract. This districtwide contract had over 77 task work orders. The range of tasks included from simple parcel stake-outs to full design surveys. Some of the larger tasks included design surveys for Glades Road, Griffin Road, S.R A1A, 17th St. Causeway and two slip ramps on I-595/I-75. In addition, one of the bigger tasks was to calculate the historic baseline of survey for I-75 from the information surveyed by the District's in-house crews. The contract also included finishing two right of way maps started by the District. Assignments included the planning and adjusting of the GPS, the processing of EFB data and the adjustment of the level runs. Also, tasks included basic calculations of parcels to be staked to full DTM's as well as, processing the EFB data, calculate historic baselines and existing right of way.

FDOT District 6 Districtwide Miscellaneous Survey and Mapping, FPID: 250686-1-32-16: Project Surveyor/Senior Survey Technician for District 6 Districtwide Miscellaneous Surveying and Mapping. Client: Scott Perkins, PSM. 934 (NW 79th Street, between 14th Avenue and Biscayne Bay).

JH Sprague Consulting LLC

Voice: (561) 561-723-5418
 Email: Spragueconsulting@me.com

840 SW Salerno Rd
 Stuart Fl. 34997

Name & Title: John Sprague, Managing Member

Work Specialization: Consultant Grants for Marina and Dock Development

Active Registration License: JH Sprague LLC L09000047477

Experience and Qualifications Relevant to the Proposed Project:

Mr. Sprague has over 45 years experience in the ownership and operation of marinas as well as involvement with state, federal and local governmental processes with engineers involving the development and implementation of laws, rules, ordinances, and policies pertaining to water access, including marina and dock development. Mr. Sprague works on marina development projects for local government and private industry. Mr. Sprague also specializes in obtaining marina grant funding to assist in the development of water access projects.

Areas of Specialization:

USFWS	Endangered Species Construction Requirements
NMFS	Endangered Species Requirements
FWC	Channel Marking, Derelict Vessels
USACE	Permits, Channel Setbacks
FDEP	ERP Permitting-State Lands Lease Issues- Local ordinances-VS-Rules Sovereign Submerged Lands
Marina Development:	Engineering Requirements, Studies, Materials, Dock Types
Specialized in Water Access Grant Funding Big P, FBIP	

Affiliations:

Marine Industries Association of Florida
 Past President, Chair, Governmental Affairs

Marine Industries Association of Palm Beach County
 Past President, Founding & Current Member

Past and Present Councils and Committees:

Sport Fish & Boating Partnership Council, Boating Issues Chair 15 years

- Federal FICA Council that advises the Secretary of the Interior and the Director of USFWS on National Boating and Fishing Issues.
- Current Member, Boating Issues Subcommittee

Proposal Town of Palm Beach Shores
John Sprague, Managing Member
February 22, 2022
Page Two

Past and Present Councils and Committees (continued):

Manatee Forum formed by Directors of USFWS & FFWCC

- Organization that deals with Manatee Issues statewide.
- Founding and Current Member

Florida Boating Advisory Council

- Past Member

DEP Clean Boating Partnership Clean Marina Program

- Founding Member

Florida Sea Grant Advisory Council

- Past Member

Palm Beach County Artificial Reef Committee

- Past Member

FDEP Submerged Lands Technical Advisory Committee

- Past Member

City of Riviera Beach

- Past Interim CRA Director
- Current Marina Consultant for the City on development of the new expanded replacement of the City Marina.



City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Eight: Office Locations

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section Eight: Office Locations
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22
Page | 1

Prime Office Location:

The prime office location in support of this continuing services contract will be at the corporate offices of Sea Diversified, Inc. (SDI) located in Delray Beach, Palm Beach County, Florida. These offices, less than a thirty (30) minute drive to the City of Pompano Beach, will serve as the prime location where all services are rendered. Key team members of SDI at this location will include the Owner / Project Manager of the firm, three (3) marine engineers, three (3) surveyors/ project technicians and one (1) administrative staff member. The physical address of SDI corporate offices is:

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114
 Delray Beach, Florida 33445
 561-243-4920

Alternate locations that may be used in the support of the contract will be at the offices of team subconsultant's KEITH and/or Coastal Eco-Group (CEG), KEITH being local to the City of Pompano Beach and Coastal Eco-Group located in the neighboring city of Deerfield Beach. Key team members of KEITH and CEG identified in this proposal work at these office locations. The physical addresses of these offices are as follows:

KEITH

301 East Atlantic Boulevard
 Pompano Beach, Florida 33060
 954-788-3400

Coastal Eco-Group, Inc.

665 SE 10th Street, Suite 104
 Deerfield Beach, Florida 33441
 954-591-1219

CITY OF DELRAY BEACH

144589

**BUSINESS TAX RECEIPT
& CONTRACTOR REGISTRATION****RESTRICTION:**

OWNER/QUALIFIERSADLER, WILLIAM THOMAS JR
 BUSINESS NAME: SEA DIVERSIFIED INC
 LOCATION: 160 CONGRESS PARK DR #114
 CLASSIFICATION: PROFESSIONAL-ENGINEERS

RECEIPT NO 22 00066810
 CONTROL NO 151952
 DATE ISSUED: 7/27/21
 BUSINESS TAX FEE: 190.30
 DELINQUENT FEE: .00
 TRANSFER FEE: .00

TOTAL AMOUNT PAID:	190.30
---------------------------	---------------

SEA DIVERSIFIED INC
 160 CONGRESS PARK DR #114
 DELRAY BEACH FL 33445

BUSINESS TAX RECEIPT ISSUED FOR THE PERIOD
 OCTOBER 1 2021 TO SEPTEMBER 30 2022

**BUSINESS TAX RECEIPT MUST BE
 CONSPICUOUSLY DISPLAYED TO
 PUBLIC VIEW AT BUSINESS LOCATION**

Notice: This business tax receipt becomes NULL and VOID if ownership, business name, or address is changed. Applicant must apply for Transfer.

CITY OF DELRAY BEACH**BUSINESS TAX RECEIPT INFORMATION**

DATE ISSUED: 7/27/21

BUSINESS TAX RECEIPT ISSUED FOR THE PERIOD
 OCTOBER 1 2021 TO SEPTEMBER 30 2022

- Please conspicuously post this current business tax receipt so that it is able to be viewed by anyone upon entering your place of business.
- This business tax receipt represents proof of payment of your business tax fee for the period October 1 to September 30. Continuous licensure can be an important asset for certain business users; please exercise diligence in maintaining this business tax receipt.
- Once you have obtained a Delray Beach business tax receipt, you will be sent a renewal notice each year 30 to 60 days before expiration to the address indicated on the face of the receipt. Please check all business tax receipt information and if there is an error, report it to us immediately. The City may impose fines and penalties for failure to renew this business tax receipt.
- If you change your business name, ownership or location, you must make a new application for the change and pay a \$16.75 transfer fee. The business tax receipt must be surrendered prior to issuance of the new receipt. The back of the receipt must be signed and dated by the previous owner and indicated that all rights, interest, and title of the business is assigned to the new owner.
- If you have more than one business location, you must obtain a business tax receipt for each location.
- A separate business tax receipt is issued for each use performed within your business. Please check with us if you have any questions regarding the classification of your business by visiting us at 100 NW 1st Avenue, our website at MyDelrayBeach.com, or calling us at (561) 243-7203 ext.4.



Notice: The issuance of this business tax receipt is a result of a payment of the business tax and shall not be interpreted as: permitting the business to supercede the zoning code of the City, an endorsement by the City of a business, nor certification by the City of the competence of a business.

Business Tax Office
 150 NE 2nd Ave.
 Deerfield Beach, FL 33441
 Phone: (954)480-4333
 E-mail: web.btr@deerfield-beach.com



Deerfield Beach
 Florida

Business Tax Receipt License

2021-2022

License Number: 22-00030070

Date Issued: 8/3/2021

Expires: 9/30/2022

COASTAL ECO-GROUP, INC.
 665 SE 10 ST
 SUITE 104
 DEERFIELD BEACH FL 33441

Classification: BUSINESS ADVISOR/CONSULTANT
 Business Location: 665 SE 10 ST 1
 Service(s): ENVIRONMENTAL CONSULTING
 Control Number: 0000949

Tax Amount: \$ 117.60

Add. Fees: \$ 23.20

Penalty: \$ 0.00

Total Amount Paid: \$140.80

Notice: This Tax Receipt becomes *NULL* and *VOID* if ownership, business name, or address changed. Business owner **must** apply to Business Tax Office for Transfer.

Detach and retain for your records

*** Business Tax Receipt ***

2021-2022

- This Business Tax Receipt represents proof of payment of your Business Tax Fee for the period of October 1st to September 30th. Please exercise diligence in maintaining this receipt.
- Once you have obtained a Deerfield Beach Business Tax Receipt, you will be sent a renewal notice each year beginning July 1st, (90 days prior to expiration) to the address listed on the Receipt. Please check all Receipt information and report any errors to us immediately. The City may impose fines and penalties for failure to renew this Receipt.
- Your current Receipt shall be posted so that it is able to be viewed by anyone upon entering your place of business.
- If you change your business name, ownership or location, you must apply for a new Tax Receipt.
- If you have more than one location, you must obtain a Receipt for each location.
- For information on signage regulations, visit the City's website at www.deerfield-beach.com/signage.

Increase traffic to your business by participating in the City's Recycling Rewards Program!

Residents who recycle on a regular basis are accumulating points to be redeemed for rewards at participating businesses to claim discounts and gift certificates. Participating businesses see increased traffic from this program and those that have a commercial recycling account serviced by the City receive additional rewards.

To learn how to have your business become a Rewards Partner, please contact Recycling Perks at infor@recyclingperks.com. For Information on how to set up a commercial recycling account, contact the City's Recycling Division at 954-480-4454.

This Receipt does not represent an endorsement or certification of the business listed herein by the City of Deerfield Beach.



BROWARD COUNTY LOCAL BUSINESS TAX RENEWAL

Contractors must send proof of current Broward County Certificate of Competency or State License.

The following must present a current state license, registration or exempt letter: automobile repair, ballroom dancing, detectives, food production, manufacturing or retail; funeral director/home, health studios, pawnshops/brokers, pest control, security guards, specialty contractor, telemarketing, travel.

The following must present current proof of registration from Permitting, Licensing and Consumer Protection Division: Auto Body/Paint/Repair, Limousines, and Movers. Auto Body/Paint/Repair must also submit State MV license.

If business is in unincorporated Broward County, a "Certificate of Use" obtained from Permitting, Licensing and Consumer Protection Division must be presented in correct ownership name, for change of business location or change of ownership.

TRANSFER OF OWNERSHIP/NAME OF BUSINESS/BUSINESS LOCATION

Your request for changes will not be processed without the transfer fee, which is 10% of the base annual fee, not less than \$3.00 or more than \$25.00.

Submit current receipt with your changes indicated in the spaces provided below.

If you cannot submit the current receipt, please fill out affidavit for transfer. The form may be found at:
<http://www.co.broward.fl.us/revenue/rvi00506.pdf>

Businesses regulated by the State or local agencies, must show correction of name or address before the Business Tax Receipt can be transferred.

- | | | |
|---|--|---|
| 1. New ownership/Name of Business
(submit current receipt and fee) | 2. New business location
(submit current receipt and fee) | 3. Mailing address change only
(no fee required) |
|---|--|---|

--	--	--

New Fed. I.D. or SS# _____

- EXCEPTIONS:** A.) Exempt receipts are not transferable from one owner to a new owner.
 B.) Professional receipts are not transferable from one individual to another individual.

No longer doing business in Broward County.

Signature

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: COASTAL ECO GROUP INC
Business Name:

Receipt #: 327-13315
Business Type: BUSINESS/FINANCIAL/CONSULTANT
 (ECOLOGICAL CONSULTING)

Owner Name: CHERYL MILLER
Business Location: 665 SE 10 ST STE 104
 DEERFIELD BEACH
Business Phone: 954-591-1219

Business Opened: 11/23/2005
State/County/Cert/Reg:
Exemption Code:

Rooms Seats Employees Machines Professionals

1

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
33.00	0.00	0.00	0.00	0.00	0.00	33.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

CHERYL MILLER
 665 SE 10 ST STE 104
 DEERFIELD BEACH, FL 33441

Receipt # 1CP-20-00008381
Paid 07/16/2021 33.00
 07/15/2021 **Effective Date**

2021 - 2022



City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Nine:

Local Business Program Forms

Local Business Subcontractor Utilization Report
Exhibit A – Local Business Participation
Exhibit B – Local Business Letter of Intent to Perform as a Local Subcontractor
Exhibit C – Local Business Unavailability Form
Exhibit D – Good Faith Effort Report Local Business Participation

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com



LOCAL BUSINESS EXHIBIT "B"
LOCAL BUSINESS
LETTER OF INTENT TO PERFORM AS A LOCAL SUBCONTRACTOR

Solicitation Number E-07-22

TO: SeaDiversified
_____ (Name of Prime or
General Bidder)

The undersigned City of Pompano Beach business intends to perform subcontracting work in connection with the above contract as (check below)

_____ an individual

X a corporation

_____ a partnership

_____ a joint venture

The undersigned is prepared to perform the following work in connection with the above Contract, as hereafter described in detail:

Survey and civil engineering

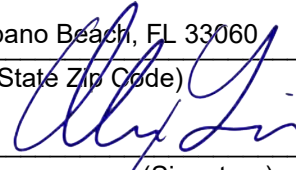
at the following price: TBD

2/14/2022
_____ (Date)

Keith and Associates, Inc., dba KEITH
_____ (Print Name of Local Business Contractor)

301 E. Atlantic Boulevard
_____ (Street Address)

Pompano Beach, FL 33060
_____ (City, State Zip Code)

BY: 
_____ (Signature)

IMPORTANT NOTE: Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"
LOCAL BUSINESS UNAVAILABILITY FORM

RLI Number _____

I, _____
(Name and Title)

of _____, certify that on the _____ day of

_____, _____, I invited the following LOCAL BUSINESS(s) to bid work
(Month) (Year)

items to be performed in the City of Pompano Beach:

Business Name, Address	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials/Labor, Labor Only, etc.)

Said Local Businesses:

- ___ Did not bid in response to the invitation
- ___ Submitted a bid which was not the low responsible bid
- ___ Other: _____

Name and Title: _____

Date: _____

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "D"
GOOD FAITH EFFORT REPORT LOCAL BUSINESS PARTICIPATION

RLI Number _____

1. What portions of the contract have you identified as Local Business opportunities?

2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.

3. Did you send written notices to Local Businesses?

___ Yes ___ No

If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.

4. Did you advertise in local publications?

___ Yes ___ No

If yes, please attach copies of the ads, including name and dates of publication.

5. What type of efforts did you make to assist Local Businesses in contracting with you ?

7. List the Local Businesses you will utilize and subcontract amount.

_____	\$ _____
_____	\$ _____
_____	\$ _____

8. Other comments: _____



City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Ten:
Litigation

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section Ten: Litigation
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22
Page | 1

No litigation or regulatory action has been filed against **SDI** in the last three (3) years. In addition, all officers employed by **SDI** have not been named as party to any litigation, arbitration or regulatory action in the past three (3) years.

If claims are made or discovered during the course of a contract with the City of Pompano Beach, they will be divulged immediately and the facts explained accurately and fairly. We have displayed throughout this submittal, our willingness and ability to complete projects in a timely manner while maintaining only the highest standards and quality of service.



City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Eleven:

City Forms

Proposer Information Form
Minority Business Enterprise Participation
Contractor Performance Report

Sea Diversified, Inc.

160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com

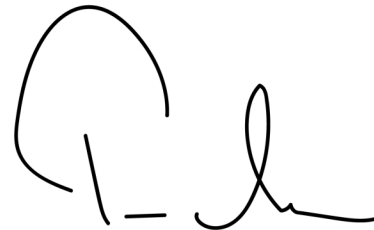


State of Florida

Woman Business Certification

Coastal Eco-Group Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
11/02/2021 to 11/02/2023



J. Todd Inman
Florida Department of Management Services



City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22

Section Twelve:
Financials
(Uploaded separately to EBID System)

Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, Florida 33445
561.243.4920
www.seadiversified.com





Section Twelve: Financials
City of Pompano Beach
Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22
Page | 1

Financials:

SDI has been in business since 2004 and has always maintained a great financial status. Submitted separately through the City's EBID System is a copy of SDI's 2020 Balance Sheet and Profit and Loss Statement prepared by the Corporation Accountant. Additional information to demonstrate that SDI is financially solvent and has sufficient financial resources to fulfill the requirements of the contract shall be provided upon request. This may include, but not necessarily be limited to copies of financial statements, bank letters / statement and corporate tax returns.

**Response to Request for Letters of Interest
Continuing Contract for Marine Engineering Services
RLI# E-07-22**

Prepared by:



Sea Diversified, Inc.
160 Congress Park Drive, Suite 114
Delray Beach, FL 33445
561-243-4920
www.seadiversified.com

Prepared for:
City of Pompano Beach



Thank you very much for your time and consideration. We look forward to the opportunity of providing continued professional services to the City of Pompano Beach.

PROPOSER INFORMATION FORM

COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE THE FORM IN ITS ENTIRETY AND INCLUDE THE COMPLETED FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

RLI _____, _____
 (Number) (Title)

To: The City of Pompano Beach, Florida

The below named company/firm hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in this solicitation. I have read this solicitation and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept agreement/contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) _____ Title _____

Company (Legal Registered) _____

Federal Tax Identification Number _____

Address _____

City/State/Zip _____

Telephone No. _____ Fax No. _____

Email Address _____

PROJECT TEAM

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

RLI NUMBER # E-07-22

Federal I.D.# _____

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	_____	_____	_____
Project Manager	_____	_____	_____
Asst. Project Manager	_____	_____	_____
Other Key Member	_____	_____	_____
Other Key Member	_____	_____	_____

SUB-CONSULTANT

Role	Company/Firm Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Surveying	_____	_____
	_____	_____
Landscaping	_____	_____
	_____	_____
Engineering	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____
Other Key Member	_____	_____
	_____	_____

LOCAL BUSINESS EXHIBIT "B"
LOCAL BUSINESS
LETTER OF INTENT TO PERFORM AS A LOCAL SUBCONTRACTOR

Solicitation Number E-07-22

TO: SeaDiversified
_____ (Name of Prime or
General Bidder)

The undersigned City of Pompano Beach business intends to perform subcontracting work in connection with the above contract as (check below)

_____ an individual

X a corporation

_____ a partnership

_____ a joint venture

The undersigned is prepared to perform the following work in connection with the above Contract, as hereafter described in detail:

Survey and civil engineering

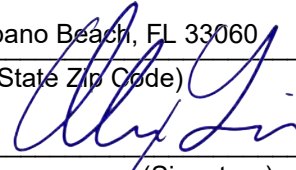
at the following price: TBD

2/14/2022
_____ (Date)

Keith and Associates, Inc., dba KEITH
_____ (Print Name of Local Business Contractor)

301 E. Atlantic Boulevard
_____ (Street Address)

Pompano Beach, FL 33060
_____ (City, State Zip Code)

BY: 
_____ (Signature)

IMPORTANT NOTE: Signatures on this form MUST be by an authorized employee of Subcontractor and must be uploaded to the Response Attachment Tab

LOCAL BUSINESS EXHIBIT "B"

LOCAL BUSINESS EXHIBIT "C"
LOCAL BUSINESS UNAVAILABILITY FORM

RLI Number _____

I, _____
(Name and Title)

of _____, certify that on the _____ day of

_____, _____, I invited the following LOCAL BUSINESS(s) to bid work
(Month) (Year)

items to be performed in the City of Pompano Beach:

Business Name, Address	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials/Labor, Labor Only, etc.)

Said Local Businesses:

- ___ Did not bid in response to the invitation
- ___ Submitted a bid which was not the low responsible bid
- ___ Other: _____

Name and Title: _____

Date: _____

Note: Attach additional documents as available.

LOCAL BUSINESS EXHIBIT "D"
GOOD FAITH EFFORT REPORT LOCAL BUSINESS PARTICIPATION

RLI Number _____

1. What portions of the contract have you identified as Local Business opportunities?

2. Did you provide adequate information to identified Local Businesses? Please comment on how you provided this information.

3. Did you send written notices to Local Businesses?

Yes No

If yes, please include copy of the notice and the list of individuals who were forwarded copies of the notices.

4. Did you advertise in local publications?

Yes No

If yes, please attach copies of the ads, including name and dates of publication.

5. What type of efforts did you make to assist Local Businesses in contracting with you ?

7. List the Local Businesses you will utilize and subcontract amount.

_____	\$ _____
_____	\$ _____
_____	\$ _____

8. Other comments: _____

TIER 1/TIER 2 COMPLIANCE FORM

IN ORDER FOR YOUR FIRM TO COMPLY WITH THE CITY'S LOCAL BUSINESS PROGRAM AS A TIER 1 OR TIER 2 VENDOR, BIDDERS MUST COMPLETE THE INFORMATION BELOW AND UPLOAD THE FORM TO THE RESPONSE ATTACHMENTS TAB IN THE EBID SYSTEM.

TIER 1 LOCAL VENDOR

_____ My firm has maintained a permanent place of business within the city limits and maintains a staffing level, within this local office, of at least 10 % who are residents of the City of Pompano Beach.

And/Or

_____ My firm has maintained a permanent place of business within the city limits and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 10 % of the contract value.

Or

_____ My firm does not qualify as a Tier 1 Vendor.

TIER 2 LOCAL VENDOR

_____ My firm has maintained a permanent place of business within Broward County and maintains a staffing level, within this local office, of at least 15% who are residents of the City of Pompano Beach

And/Or

_____ My firm has maintained a permanent place of business within Broward County and my submittal includes subcontracting commitments to Local Vendors Subcontractors for at least 20% of the contract value.

Or

_____ My firm does not qualify as a Tier 2 Vendor.

I certify that the above information is true to the best of my knowledge.

(Date)

(Name of Firm)

BY: _____
(Name)

State of Florida

Woman Business Certification

Coastal Eco-Group Inc.

Is certified under the provisions of
287 and 295.187, Florida Statutes, for a period from:
11/02/2021 to 11/02/2023



J. Todd Inman
Florida Department of Management Services



BROWARD COUNTY LOCAL BUSINESS TAX RENEWAL

Contractors must send proof of current Broward County Certificate of Competency or State License.

The following must present a current state license, registration or exempt letter: automobile repair, ballroom dancing, detectives, food production, manufacturing or retail; funeral director/home, health studios, pawnshops/brokers, pest control, security guards, specialty contractor, telemarketing, travel.

The following must present current proof of registration from Permitting, Licensing and Consumer Protection Division: Auto Body/Paint/Repair, Limousines, and Movers. Auto Body/Paint/Repair must also submit State MV license.

If business is in unincorporated Broward County, a "Certificate of Use" obtained from Permitting, Licensing and Consumer Protection Division must be presented in correct ownership name, for change of business location or change of ownership.

TRANSFER OF OWNERSHIP/NAME OF BUSINESS/BUSINESS LOCATION

Your request for changes will not be processed without the transfer fee, which is 10% of the base annual fee, not less than \$3.00 or more than \$25.00.

Submit current receipt with your changes indicated in the spaces provided below.

If you cannot submit the current receipt, please fill out affidavit for transfer. The form may be found at:
<http://www.co.broward.fl.us/revenue/rvi00506.pdf>

Businesses regulated by the State or local agencies, must show correction of name or address before the Business Tax Receipt can be transferred.

- | | | |
|---|--|---|
| 1. New ownership/Name of Business
(submit current receipt and fee) | 2. New business location
(submit current receipt and fee) | 3. Mailing address change only
(no fee required) |
|---|--|---|

_____	_____	_____
_____	_____	_____

New Fed. I.D. or SS# _____

- EXCEPTIONS:** A.) Exempt receipts are not transferable from one owner to a new owner.
 B.) Professional receipts are not transferable from one individual to another individual.

No longer doing business in Broward County.

Signature

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000

VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: COASTAL ECO GROUP INC
Business Name:

Receipt #: 327-13315
Business Type: BUSINESS/FINANCIAL/CONSULTANT
 (ECOLOGICAL CONSULTING)

Owner Name: CHERYL MILLER
Business Location: 665 SE 10 ST STE 104
 DEERFIELD BEACH
Business Phone: 954-591-1219

Business Opened: 11/23/2005
State/County/Cert/Reg:
Exemption Code:

Rooms Seats Employees Machines Professionals

1

For Vending Business Only						
Number of Machines:				Vending Type:		
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
33.00	0.00	0.00	0.00	0.00	0.00	33.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT

WHEN VALIDATED

This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

Mailing Address:

CHERYL MILLER
 665 SE 10 ST STE 104
 DEERFIELD BEACH, FL 33441

Receipt # 1CP-20-00008381
Paid 07/16/2021 33.00
 07/15/2021 **Effective Date**

2021 - 2022

Business Tax Office
150 NE 2nd Ave.
Deerfield Beach, FL 33441
Phone: (954)480-4333
E-mail: web.btr@deerfield-beach.com



Deerfield Beach
Florida

Business Tax Receipt License

2021-2022

License Number: 22-00030070

Date Issued: 8/3/2021

Expires: 9/30/2022

COASTAL ECO-GROUP, INC.
665 SE 10 ST
SUITE 104
DEERFIELD BEACH FL 33441

Classification: BUSINESS ADVISOR/CONSULTANT
Business Location: 665 SE 10 ST 1
Service(s): ENVIRONMENTAL CONSULTING
Control Number: 0000949

Tax Amount: \$ 117.60	Add. Fees: \$ 23.20	Penalty: \$ 0.00	Total Amount Paid: \$140.80
-----------------------	---------------------	------------------	-----------------------------

Notice: This Tax Receipt becomes *NULL* and *VOID* if ownership, business name, or address changed. Business owner **must** apply to Business Tax Office for Transfer.

Detach and retain for your records

*** Business Tax Receipt ***

2021-2022

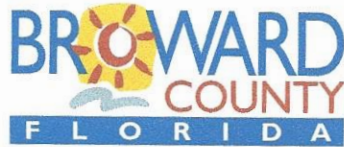
- This Business Tax Receipt represents proof of payment of your Business Tax Fee for the period of October 1st to September 30th. Please exercise diligence in maintaining this receipt.
- Once you have obtained a Deerfield Beach Business Tax Receipt, you will be sent a renewal notice each year beginning July 1st, (90 days prior to expiration) to the address listed on the Receipt. Please check all Receipt information and report any errors to us immediately. The City may impose fines and penalties for failure to renew this Receipt.
- Your current Receipt shall be posted so that it is able to be viewed by anyone upon entering your place of business.
- If you change your business name, ownership or location, you must apply for a new Tax Receipt.
- If you have more than one location, you must obtain a Receipt for each location.
- For information on signage regulations, visit the City's website at www.deerfield-beach.com/signage.

Increase traffic to your business by participating in the City's Recycling Rewards Program!

Residents who recycle on a regular basis are accumulating points to be redeemed for rewards at participating businesses to claim discounts and gift certificates. Participating businesses see increased traffic from this program and those that have a commercial recycling account serviced by the City receive additional rewards.

To learn how to have your business become a Rewards Partner, please contact Recycling Perks at infor@recyclingperks.com. For Information on how to set up a commercial recycling account, contact the City's Recycling Division at 954-480-4454.

This Receipt does not represent an endorsement or certification of the business listed herein by the City of Deerfield Beach.



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

Governmental Center Annex

115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301 • 954-357-6400 • FAX 954-357-5674

August 23, 2021

Ms. Cheryl Miller
COASTAL ECO-GROUP, INC.
 665 SE 10th Street, Suite 104
 Deerfield Beach, Florida 33441

Dear Ms. Miller:

The Broward County Office of Economic and Small Business Development (OESBD) is pleased to announce that your firm's **County Business Enterprise (CBE)** certification has been renewed.

Your firm's certification is continuing from your anniversary date but is contingent upon the firm verifying its eligibility annually through this office. You will be notified in advance of your obligation to continue eligibility in a timely fashion. However, the responsibility to ensure continued certification is yours. Failure to document your firm's continued eligibility for the CBE program within **thirty (30) days** from your anniversary may result in the expiration of your firm's certification. Should you continue to be interested in certification after it has expired, you will need to submit a new application, and all required supporting documentation for review.

To review current Broward County Government bid opportunities, visit: www.broward.org/Purchasing and click on "Current Solicitations and Results." Also, from this website, you can log into your firm's profile in BidSync to ensure you have added all appropriate classification codes. Bid opportunities over \$3,500 will be advertised to vendors via e-mail and according to classification codes, so please ensure that both the Purchasing Division and OESBD are apprised of your current e-mail address.

Your primary certification group is: **Contract Services**. This is also how your listing in our directory will read. You may access your firm's listing by visiting the Office of Economic and Small Business Development Directory, located on the internet at: www.broward.org/EconDev and click on "Certified Firm Directories."

Your firm may compete for, and perform work on Broward County projects in the following areas:

NAICS CODE: 541620, 541690

We look forward to working with you to achieve greater opportunities for your business through county procurement.

Sincerely,

SANDY-MICHAEL MCDONALD
 Digitally signed by SANDY-MICHAEL MCDONALD
 Date: 2021.08.26 13:12:08 -04'00'

Sandy-Michael McDonald, Director
 Office of Economic and Small Business Development

Cert Agency: BC-CBE
ANNIVERSARY DATE: AUGUST 6th



Coastal Eco-Group, Inc.

665 SE 10th St. Suite 104
Deerfield Beach, FL 33441
(954)591.1219 Phone • (954)653-2981 Fax
www.coastaleco-group.com

February 23, 2022

Sea Diversified Inc.
Attention: Mr. Neil Wood, Project Manager
160 Congress Park Drive, Suite 114
Delray Beach, FL 33445

Re: Request for Letters of Interest- No. E-07-22
Continuing Contract for Marine Engineering Services- Benthic Surveys and Biological Services

Dear Neil:

The environmental consulting firm of Coastal Eco-Group, Inc. has committed to act as a subcontractor to the engineering/surveying firm of Sea Diversified Inc. (Prime Contractor) for the above referenced solicitation. Established in 2005, Coastal Eco-Group Inc. (CEG) is a woman-owned firm based in Deerfield Beach and is registered as a County Business Enterprise (CBE) with Broward County Office of Economic and Small Business Development. Ms. Cheryl Miller, President and Principal Scientist, will serve as the Project Lead, and Ms. Angela Delaney, a resident of the City of Pompano Beach, will serve as Field Operations Supervisor and Project Manager for all tasks.

Sincerely,

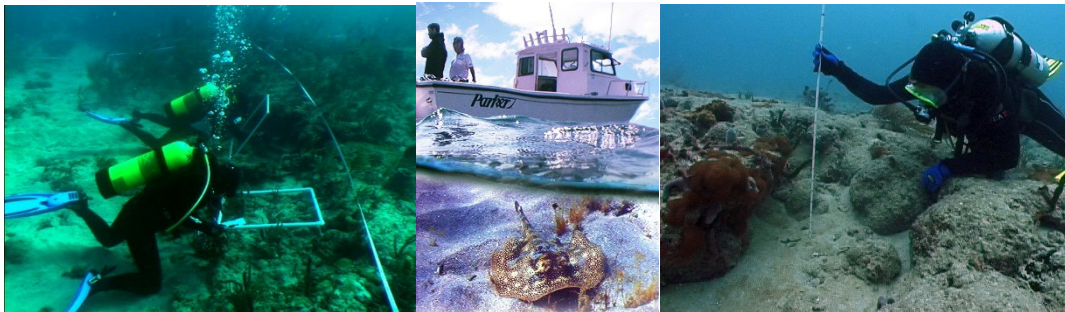
A handwritten signature in cursive script that reads 'Cheryl Miller'.

Cheryl Miller
President
Coastal Eco-Group Inc.

Established in 2005, Coastal Eco-Group Inc. (CEG) is an environmental consulting firm based in Deerfield Beach and is certified as Woman Business Enterprise with the State of Florida. CEG employs eleven staff consisting of marine biologists, GIS specialists, and support staff. Our core staff of six senior marine scientists and three staff scientists are highly skilled in marine resource assessment with specialized experience in regulatory project permit review, post-project monitoring, and hardbottom mitigation development for shore protection projects and navigation projects throughout Florida. Collectively, the CEG team represents over 80 years of professional experience in marine ecological surveys, seagrass and hardbottom habitat restoration including coral transplantation and relocation of other reef fauna, National Environmental Policy Act (NEPA) assessments, environmental permitting, and mitigation planning/design in southeast Florida.

CEG's team of senior scientists is highly respected by the state and federal regulatory agencies and has a reputation of providing accurate evaluations of marine habitat conditions, project-related impacts, and appropriate mitigation strategies to offset losses in habitat functions. Our professional staff have formed strong working relationships with regulators and public-sector clients alike, and we have demonstrated our commitment to excel by often conducting work in excess of regulatory and scope requirements to provide additional scientific evidence if necessary to support regulatory decisions. We have extensive experience managing projects for municipal clients including direct long-term contracts for environmental permitting and monitoring services with the Town of Palm Beach and Martin County, and as a subconsultant performing environmental permitting, marine resource monitoring, and NEPA documentation services for coastal engineering firms for contracts with Broward County, City of Boca Raton, City of Hollywood, Port of Palm Beach, Charlotte County, and the Town of Longboat Key. Since 2006, CEG has been providing environmental consulting support services for the Port Everglades Sand Bypass Project. Working in conjunction with FDEP and Broward County staff, CEG scientists developed an innovative, cost-effective mitigation plan to offset project-related impacts to rubble-dominated coral communities.

The CEG Project Team will be led by Company President and Principal Scientist, Cheryl Miller. Ms. Cheryl Miller has more than 25 years of professional experience in environmental planning and permitting, project management, NEPA assessments and document preparation, and marine ecological surveys. Ms. Angela Delaney is CEG's Field Supervisor and will direct all field survey operations. Ms. Delaney has been with CEG since 2008 and has more than 17 years of professional experience in the environmental consulting field. Ms. Melissa Sathe will support project management and benthic habitat mapping roles. Ms. Sathe joined CEG in 2016 and has more than 16 years of experience in project management, benthic habitat characterization and mapping, and marine ecological surveys, including coral reef, nearshore hardbottom, artificial reef, and seagrass expertise.



Ms. Cheryl Miller
President, Principal Scientist
Coastal Eco-Group, Inc.

EDUCATION

M.S., Biological Sciences, Florida Atlantic University, 2000

B.S., Marine Biology, FAU, 1996

B.A., University of Pennsylvania, 1992

YEARS OF EXPERIENCE

Total: 25

OFFICE LOCATION

Deerfield Beach, FL

PROFESSIONAL AFFILIATIONS

Southeast Florida Coral Reef Initiative Team Member (SEFCRI), 2003-2020, Vice-Chair (2013-2017)

South Florida Water Management District Water Resources Advisory Commission, 2011-2013

International Coral Reef Society

American Academy of Underwater Sciences

Florida Shore and Beach Preservation Association

EXPERIENCE RELEVANT TO RFQ

- Biological Monitoring of Coral Reef and Hardbottom Habitats in Southeast Florida
 - Hardbottom and Seagrass Impact Assessment and Mitigation Planning
 - Environmental Permit Application Preparation and Processing
 - Environmental Compliance
 - NEPA Documentation & Compliance
 - Coral Relocation and Transplant Success Monitoring
- Project Manager and Principal Scientist in charge of environmental permitting, NEPA compliance, nearshore hardbottom monitoring/ impact assessment associated with downdrift sand placement from Boca Raton Inlet ebb tidal shoal; hardbottom mitigation success determination, and permit-required data analysis and reporting for the 2010, 2013, & 2017 South Boca Raton Beach Nourishment Projects (2009-Present).
 - Principal Scientist in charge of biological monitoring, data analyses, and reporting of offshore coral reef communities and nearshore hardbottom for the 2010 and 2014 North Boca Raton Beach Nourishment Projects, and 2016/17 Central Boca Raton Nourishment Project, Palm Beach County, FL (2009-2020)
 - Project Manager and Lead Scientist for the 2015 Mid-Town Beach Nourishment Project and Palm Beach Island Beach Management Agreement (BMA). Primary Author/Developer of the Town's mitigation program for nearshore hardbottom impacts from beach nourishment (2013- Present)
 - Project Manager and Principal Scientist for the Immediate through Year 3 Post-Construction Biological Monitoring of Nearshore Hardbottom for the 2010 Bathtub Beach Restoration Project and 2016/17 Bathtub Beach Sailfish Point Nourishment, Martin County (2010-present)

Ms. Cheryl Miller has more than 25 years of professional experience in environmental planning and permitting, project management, NEPA assessments and document preparation, and marine ecological surveys, including coral reef, nearshore hardbottom, mitigation artificial reef, and seagrass (SAV) mapping, monitoring, impact analysis, and mitigation planning in association with dredging and shore protection projects in Florida. From 2002 to 2004, Ms. Miller was employed as an Environmental Specialist with the FDEP, Bureau of Beaches and Coastal Systems, where she conducted the regulatory and ecological review of environmental resource and joint coastal permit applications. Ms. Miller currently serves as the Principal Scientist and Project Manager for the nearshore hardbottom monitoring program for the 2016 Broward County Segment II Beach Nourishment Project and the upcoming Port Everglades Inlet Sand Bypass Project.

Relevant Project Experience

- Port Everglades Sand Bypass Project, Broward County, FL, Project Manager/Principal Author of the NEPA Environmental Assessment (EA) and Biological Assessment (BA) for Section 7 ESA compliance. Primary Author of the UMAM hardbottom mitigation evaluation and innovative mitigation plan for impacts to nearshore hardbottom rubble-dominated communities (2007-2020)
- Project Manager and Lead Scientist for the biological monitoring, data analyses, impact evaluation, and permit-required reporting for nearshore hardbottom habitats for the 2016 Broward County Segment II Beach Nourishment Project (2015-2021)
- Project Manager and Lead Scientist for environmental permitting, NEPA documentation, and benthic habitat mapping/baseline hardbottom monitoring for the 2021 Broward County Segment III Beach Nourishment Project (2019-Present)
- Primary Author of the EA, Project Manager, and Construction Supervisor for reef restoration for the Spar Orion and Clipper Lasco Grounding Sites, Broward County, FL (2014-2015)

Ms. Angela Delaney
Senior Scientist, Field Operations Supervisor
Coastal Eco-Group, Inc.

EDUCATION

M.S., Marine Sciences, Nova Southeastern University, 2006

B.S., Marine Science, Coastal Carolina University, 2002

YEARS OF EXPERIENCE

Total: 17

OFFICE LOCATION

Deerfield Beach, FL

PROFESSIONAL AFFILIATIONS

International Coral Reef Society

National Association of Environmental Professionals

American Academy of Underwater Sciences

EXPERIENCE RELEVANT TO RFP

- Biological Surveys- Seagrass, Mangrove, Softbottom and Coral Reef Habitats
- Impact Assessment
- Environmental Permitting and Compliance
- NEPA Documentation & Compliance
- Benthic Habitat Mapping and Characterization
- Mitigation Development- Coral and Seagrass Habitats
- GIS Data Analysis and Mapping
- Coral Transplantation and Restoration

Ms. Angela Delaney has more than 17 years of professional experience in environmental planning and permitting, project management, NEPA compliance and documentation, benthic habitat characterization and mapping, and marine ecological surveys, including coral reef, nearshore hardbottom, artificial reef, and seagrass. Prior to joining Coastal Eco-Group in 2008, Ms. Delaney managed biological monitoring and impact assessments for shoreline protection projects in Broward County at a coastal engineering firm in southeast Florida.

Previous relevant experience in NEPA compliance and documentation and direct experience in southeast Florida include hardbottom and seagrass monitoring protocol development, monitoring transect installation, in-water sea turtle monitoring, reef sedimentation analysis, coral relocation, nearshore hardbottom benthic community monitoring, data analysis, technical report development, benthic habitat characterization and environmental impact analysis.

Relevant Project Experience

- Senior Scientist and Dive Operations Supervisor for Coral Removal and Relocation services for the USCG Bulkhead at Base Miami, Miami-Dade County, FL (2016)
 - Field Supervisor and Senior Scientist for the Mount Sinai CAP 14 Bulkhead Replacement Project- Seagrass, Coral, and Upland Tree Surveys, Miami-Dade County, FL (2016)
 - Senior Scientist and co-author for the pipeline corridor hardbottom mapping, impact avoidance assessments, nearshore hardbottom edge mapping, benthic ecological assessments, mitigation reef assessments, data analyses, and report development for the 2006 Broward County Segment III Shore Protection Project, Broward County, FL (2004-2008)
- Senior Scientist and co-author for the sedimentation monitoring, data analyses, and report development for the Broward County Annual Reef Biological Monitoring Program, Broward County, FL (2010–2014)
- Senior Scientist for hardbottom edge mapping and rubble/benthic community impact analyses for the Port Everglades Inlet Sand Bypass Project, Broward County, FL (2014-2016)
- Construction supervision for the reef restoration of the Spar Orion and Clipper Lasco Grounding Sites, Broward County, FL (2015)
- Senior Scientist and co-author for the benthic community biological monitoring, artificial reef sedimentation assessment, data analyses, impact evaluation, and permit-required reporting for nearshore hardbottom habitats for the 2011/2012 and 2017 Hollywood Interim Beach Nourishment Projects, Broward County, FL (2012 – 2018)
- Senior Scientist for transect siting and installation, biannual nearshore hardbottom edge mapping, and GIS database and map production for the long-term nearshore hardbottom biological monitoring program, Broward County, FL (2014–present)
- Senior Scientist for biological monitoring, data analyses, impact evaluation, permit-required reporting, and GIS database and map production for annual monitoring surveys for the 2016 Broward County Segment II Beach Nourishment Project (2015-present)
- Senior Scientist for nearshore hardbottom characterization study, GIS database development, NEPA and ESA compliance document support, and environmental permitting support for the proposed Broward County Segment III Beach Nourishment Project (201 –present)

Melissa Sathe
Senior Scientist
Coastal Eco-Group, Inc.

EDUCATION

M.S., Marine Sciences, Nova Southeastern University, 2008

B.S., Ecology and Evolutionary Biology, Tulane University, 2000

YEARS OF EXPERIENCE

Total: 16

OFFICE LOCATION

Deerfield Beach, FL

PROFESSIONAL AFFILIATIONS

Friends of Our Florida Reefs

Southeast Florida Coral Reef Initiative

American Academy of Underwater Sciences

EXPERIENCE RELEVANT TO RFP

- Biological Surveys- Seagrass, Mangrove, Softbottom and Coral Reef Habitats
 - Impact Assessment
 - Environmental Permitting and Compliance
 - NEPA Documentation & Compliance
 - Benthic Habitat Mapping and Characterization
 - Mitigation Development- Coral and Seagrass Habitats
 - GIS Data Analysis and Mapping
 - Coral Transplantation and Restoration
- **Lake Worth Lagoon Fixed Transect Seagrass Monitoring and Mapping Project (2017-2021)** - Conduct annual seagrass monitoring at fixed transects throughout the lagoon for Palm Beach County.
 - **2016 Broward County Segment II Beach Nourishment Project Agreement (2017-2020)** – Participate in mapping of nearshore hardbottom habitats and biological monitoring and assessment of reef communities including digital video transects and sedimentation surveys of nearshore hardbottom. Contributing author for permit-required annual reports.
 - **Bathtub Beach Sailfish Point Beach Nourishment Project, Martin County, Florida (2017-2021)** – Conduct biological monitoring and assessment of reef communities including digital video transects and sedimentation surveys and assist with development of annual permit-required hardbottom monitoring reports and GIS maps.
 - **2017 South Boca Interim Beach Nourishment Project (2017-2021)** – Manage data analyses and permit-required report development for the City of Boca Raton in Palm Beach County.
 - **General GIS Analysis and Support (2017-Present)** – Perform interpretation and delineation of hardbottom in aerial photography in GIS and develop benthic habitat maps for numerous projects in Florida (Palm Beach Island Beach Management Agreement and Broward County Segment III Beach Nourishment Project).

Melissa Sathe has more than 16 years of professional experience in offshore project management, benthic habitat characterization and mapping, and marine ecological surveys, including coral reef, nearshore hardbottom, artificial reef, and seagrass. Prior to joining Coastal Eco-Group in 2017, Melissa assisted in the management of biological monitoring and reef injury impact assessments for coral reefs in Southeast Florida at The Florida Department of Environmental Protection's Coral Reef Conservation Program (DEP CRCP) from 2012-2017. Prior to DEP CRCP, Melissa was the field coordinator for the offshore monitoring program at Miami-Dade County's Division of Environmental Resources Management (DERM). Offshore monitoring at DERM included beach nourishment projects and artificial reef permitting projects. From 2004-2007, Melissa was a research assistant at Nova Southeastern University and supported the project management for offshore hardbottom monitoring during Segment III beach nourishment activities in Broward County, FL.

Relevant NEPA and ESA Section 7 Project Experience

Senior Scientist and Primary/Contributing Author for the preparation of ESA Section 7 Biological Assessments and NEPA Environmental Assessments and associated environmental permitting support and compliance assistance for the following projects:

- Ponte Vedra Beach, FL Nourishment Project (2020-2021)
- Flagler County Beach and Dune Restoration Project (2019-2021)
- Amelia Island Shore Stabilization Project (2018-2021)
- Flagler County Beach and Dune Restoration Project (2019-2021)
- Broward County Shore Protection Project Segment III (2019-2021)
- Longboat Key North End Structural Stabilization Project (2018-2019)
- Restoration and Periodic Nourishment of Manasota Key, Charlotte County, FL (2017-2018)

Other Relevant Coastal Eco-Group, Inc. Project Experience

- **Shipwreck Park Snorkel Trail and Living Shoreline (2017-2021)**
 Assist with project design and development/permitting of an artificial reef snorkel trail in the vicinity of Hillsboro Inlet for Broward County, FL. Manage seagrass and stony coral field activities and mapping.

Florida Department of Environmental Protection Coral Reef Conservation Program Experience

- Manager of the DEP CRCP's reef restoration project at the Spar Orion and Clipper Lasco Grounding Sites, Broward County, FL (2015)
- Assistant manager for contractor oversight, contract management, environmental permitting review support, and budgets for all associated projects, Miami-Dade – Martin County, Florida (2012-2017)



Sea Diversified, Inc.

160 Congress Park Drive, Suite 114
 Delray Beach, Florida 33445
 Phone: 561-243-4920
 www.seadiversified.com

2022 Professional Services Rate Schedule
Sea Diversified, Inc.
City of Pompano Beach
RLI E-07-22
Continuing Contract for Marine Engineering Services
August 2022

Personnel Rates

Principal	\$ 165.00	PH
Project Manager	\$ 155.00	PH
Professional Engineer	\$ 150.00	PH
Professional Surveyor and Mapper	\$ 135.00	PH
Engineering Technician	\$ 110.00	PH
Survey Technician	\$ 105.00	PH
Computer / CADD Operator	\$ 100.00	PH
Administrative Assistant	\$ 75.00	PH

Survey Crew Rates

2-Person Topographic Survey Crew	\$ 115.00	CH
3-Person Topographic Survey Crew	\$ 150.00	CH
2-Person Hydrographic Survey Crew	\$ 205.00	CH
3-Person Hydrographic Survey Crew	\$ 250.00	CH
3-Person Hydro / Dive Crew	\$ 310.00	CH
2-Person GPS Survey Crew	\$ 160.00	CH
3-Person GPS Survey Crew	\$ 215.00	CH
4-Person GPS Survey Crew	\$ 270.00	CH

Legend:

CH = Crew Hour
 PH = Person Hour
 PD = Per Day

Equipment (Additional)

Side Scan Sonar System	\$ 750.00	PD
Multi-Beam Hydrographic System	\$ 950.00	PD
Magnetometer System	\$ 350.00	PD

Notes:

- Topographic crew rates include (1) party chief, (1) instrument person, survey helper(s), conventional survey equipment and vehicle.
- Hydrographic crew rates include (1) party chief, (1) instrument person / vessel operator, survey helper(s), survey launch w/ fuel, automated hydrographic data acquisition system and vehicle.
- Dive crew rate includes (1) dive supervisor, (2) divers, dive vessel w/ fuel, scuba equipment and vehicle. Dive crew rate applies to shallow water dive operations (maximum 60' water depth) for general underwater groundtruthing, bottom studies or inspection / observations. Heavy commercial dive operations are not applicable.
- GPS crew rates include (1) party chief, (1) instrument person, survey helper(s), high order GPS equipment (Trimble or equivalent) and vehicle.
- Side Scan Sonar, Multi-beam Hydrographic and Magnetometer System rates are without operator and are based on shallow water operations (water depths less than 100 feet).
- All crew / personnel rates are loaded and include labor multiplier (overhead and fringe) and operating margin. Rates are typical billing rates for all SDI clients.
- Overtime (over 40 hours per week) shall be 1.5 times regular hourly rate.

EXHIBIT C

INSURANCE REQUIREMENTS

CONSULTANT shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the City's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

CONSULTANT is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage.

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONSULTANT, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONSULTANT under this Agreement.

Throughout the term of this Agreement, CONSULTANT and all subcontractors or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements.

A. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. CONSULTANT further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.

B. Liability Insurance.

(1) Naming the City of Pompano Beach as an additional insured as CITY's interests may appear, on General Liability Insurance only, relative to claims which arise from CONSULTANT's negligent acts or omissions in connection with CONSULTANT's performance under this Agreement.

(2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance**Limits of Liability****GENERAL LIABILITY:**

Minimum 1,000,000 Per Occurrence and
\$2,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

XX	comprehensive form	bodily injury and property damage
XX	premises - operations	bodily injury and property damage
—	explosion & collapse hazard	
—	underground hazard	
XX	products/completed operations hazard	bodily injury and property damage combined
XX	contractual insurance	bodily injury and property damage combined
XX	broad form property damage	bodily injury and property damage combined
XX	independent contractors	personal injury
XX	personal injury	

— sexual abuse/molestation Minimum \$1,000,000 Per Occurrence and Aggregate

— liquor legal liability Minimum \$1,000,000 Per Occurrence and Aggregate

AUTOMOBILE LIABILITY: X Minimum \$1,000,000 Per Occurrence and \$2,000,000 Per Aggregate. Bodily injury (each person) bodily injury (each accident), property damage, bodily injury and property damage combined.

XX	comprehensive form	<input type="checkbox"/>	Minimum \$10,000/\$20,000/\$10,000
XX	owned		(Florida's Minimum Coverage)
XX	hired		
XX	non-owned		

REAL & PERSONAL PROPERTY

— comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY

Per Occurrence Aggregate

—	other than umbrella	bodily injury and property damage combined	\$2,000,000	\$2,000,000
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PROFESSIONAL LIABILITY

Per Occurrence Aggregate

XX	* Policy to be written on a claims made basis	\$1,000,000	\$1,000,000
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(3) If Professional Liability insurance is required, CONSULTANT agrees the indemnification and hold harmless provisions set forth in the Agreement shall survive the

termination or expiration of the Agreement for a period of three (3) years unless terminated sooner by the applicable statute of limitations.

C. Employer's Liability. If required by law, CONSULTANT and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

D. Policies: Whenever, under the provisions of this Agreement, insurance is required of the CONSULTANT, the CONSULTANT shall promptly provide the following:

- (1) Certificates of Insurance evidencing the required coverage;
- (2) Names and addresses of companies providing coverage;
- (3) Effective and expiration dates of policies; and
- (4) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

E. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.

F. Waiver of Subrogation. CONSULTANT hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONSULTANT shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONSULTANT enter into such an agreement on a pre-loss basis.