

SCOPE-OF-WORK: COASTAL ENGINEERING SERVICES

FOR

South Amelia Island Shore Stabilization Project

Amelia Island, Nassau County, FL

Permit-Level Design and Permitting

04 August 2017

COST SUMMARY

Permit-Level Design and Permit Application		
Subtask I	ALTERNATIVES DEVELOPMENT & STORM RECESSION MODELING	\$68,200.00 (Lump Sum)
Subtask II	BORROW AREA WAVE IMPACT ANALYSIS	\$42,800.00 (L.S.)
Subtask III	PERMIT-LEVEL DESIGN & PERMIT APPLICATION	\$80,900.00 (L.S.)
Subtask IV	AGENCY LIAISON & RAI RESPONSES*	\$35,000.00 (hourly, NTE)*
TOTAL FEE:		\$226,900.00

* IV-1, FY 18 - \$5,000; IV-2, FY 19 - \$25,000; IV-3, FY 20 - \$5,000

Task Order 26, CM1852

Task Order #26 Permit-Level Design and Permit Application

TOTAL: \$ 226,900.00

EXHIBIT B

4-Aug-17

ESTIMATE OF LABOR AND SUBCONTRACT COSTS

Subtask I	ALTERNATIVES DEVELOPMENT & STORM RECESSION MODELING						Subtotal	\$	68,200.00
DIRECT LABOR									
LABOR CATEGORY	PROJECT ADMIN / COORD.	DATA ASSEMBLY	MODEL CALIBR.	ALT. DEV. & ANALYSIS	DOC PREP.*	TOTAL HOURS	RATE	EST. COST	
Principal						0	\$ 233	\$ -	
Principal II				8	4	12	\$ 208	\$ 2,496.00	
Senior Engineer	4	4	8	40	40	96	\$ 176	\$ 16,896.00	
Coastal Engineer I		40	40	80	80	240	\$ 136	\$ 32,640.00	
Coastal Engineer II						0	\$ 111	\$ -	
Coastal Engineer III		24	24	40	40	128	\$ 102	\$ 13,056.00	
Field Inspector						0	\$ 85	\$ -	
Draftsman/Designer (CADD)				8	16	24	\$ 69	\$ 1,656.00	
Administrative Assistant	8				12	20	\$ 73	\$ 1,460.00	
SUBTOTAL DIRECT LABOR								\$ 68,204.00	

*inc. presentation prep/deliver

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Subtask II	BORROW AREA WAVE IMPACT ANALYSIS						Subtotal	\$	42,800.00
DIRECT LABOR									
LABOR CATEGORY	PROJECT ADMIN / COORD.	DATA ASSEMBLY	MODEL CALIBR.	IMPACTS ANALYSIS	DOC PREP.	TOTAL HOURS	RATE	EST. COST	
Principal						0	\$ 233	\$ -	
Principal II				4	4	8	\$ 208	\$ 1,664.00	
Senior Engineer	4	4	4	16	24	52	\$ 176	\$ 9,152.00	
Coastal Engineer I		8		8	24	40	\$ 136	\$ 5,440.00	
Coastal Engineer II						0	\$ 111	\$ -	
Coastal Engineer III		40	16	80	80	216	\$ 102	\$ 22,032.00	
Field Inspector						0	\$ 85	\$ -	
Draftsman/Designer (CADD)				16	24	40	\$ 69	\$ 2,760.00	
Administrative Assistant	16				8	24	\$ 73	\$ 1,752.00	
SUBTOTAL DIRECT LABOR								\$ 42,800.00	

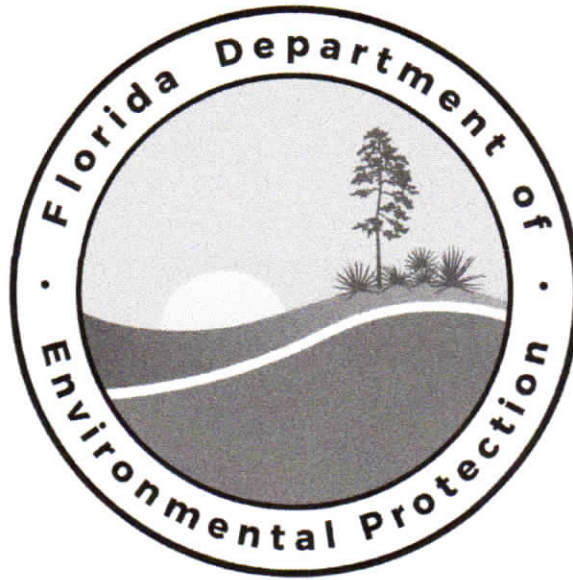
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Subtask III	PRELIMINARY DESIGN / APPLICATION PREPARATION / SUBMITTAL						Subtotal	\$	80,900.00
DIRECT LABOR									
LABOR CATEGORY	PROJECT ADMIN / COORD.	PRELIM ENGR. DESIGN	COST EST.	MEETINGS	DOC PREP.	TOTAL HOURS	RATE	EST. COST	
Principal						0	\$ 233	\$ -	
Principal II			4		4	8	\$ 208	\$ 1,664.00	
Senior Engineer	24	40	8	20	80	172	\$ 176	\$ 30,272.00	
Coastal Engineer I		80			80	160	\$ 136	\$ 21,760.00	
Coastal Engineer II						0	\$ 111	\$ -	
Coastal Engineer III		80		8	80	168	\$ 102	\$ 17,136.00	
Field Inspector						0	\$ 85	\$ -	
Draftsman/Designer (CADD)		40			24	64	\$ 69	\$ 4,416.00	
Administrative Assistant	24				40	64	\$ 73	\$ 4,672.00	
SUBTOTAL DIRECT LABOR								\$ 79,920.00	

OUTSIDE SVCS/SUB-CONTRACTORS	
SERVICE	COST
Legal Survey Mapping	\$ 975.00
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
subtotal	\$ 975.00

Subtask IV	AGENCY LIAISON / RESPONSES TO RAIS						Subtotal	\$	35,000.00
DIRECT LABOR									
LABOR CATEGORY	PROJECT ADMIN / COORD.	ENGR. DESIGN			DOC PREP.	TOTAL HOURS	RATE	EST. COST	
Principal	T.B.D., sub-task to be billed on hourly basis at rates shown ---->						\$ 233	\$ -	
Principal II							\$ 208	\$ -	
Senior Engineer							\$ 176	\$ -	
Coastal Engineer I							\$ 136	\$ -	
Coastal Engineer II							\$ 111	\$ -	
Coastal Engineer III							\$ 102	\$ -	
Field Inspector							\$ 85	\$ -	
Draftsman/Designer (CADD)							\$ 69	\$ -	
Administrative Assistant							\$ 73	\$ -	
SUBTOTAL DIRECT LABOR							Initial Not to Exceed:	\$	-

OUTSIDE SVCS/SUB-CONTRACTORS	
SERVICE	COST
FY 18 RAIs allowance	\$ 5,000.00
FY 19 RAIs allowance	\$ 25,000.00
FY 20 RAIs allowance	\$ 5,000.00
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
	\$ -
subtotal	\$ 35,000.00



**JOINT APPLICATION
FOR
JOINT COASTAL PERMIT**

**AUTHORIZATION TO USE
SOVEREIGNTY SUBMERGED LANDS
FEDERAL DREDGE AND FILL PERMIT**

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
U.S. ARMY CORPS OF ENGINEERS



JOINT APPLICATION FOR JOINT COASTAL PERMIT / AUTHORIZATION TO USE SOVEREIGNTY SUBMERGED LANDS / FEDERAL DREDGE AND FILL PERMIT

APPLICATION INSTRUCTIONS

ADDRESS:

Beaches, Inlets and Ports Program
Florida Department of Environmental Protection
Division of Water Resource Management
2600 Blair Stone Road, Mail Station 3544
Tallahassee, FL 32399

PLEASE SUBMIT THIS APPLICATION ELECTRONICALLY TO:

BIPP@dep.state.fl.us

INTRODUCTION

Attached is the Joint Coastal Permit application form. This form is required when applying for the following:

- 1) A Joint Coastal Permit for activities that extend onto sovereign submerged lands of Florida seaward of the mean high-water line, and are likely to have a material physical effect on the coastal system or natural beach and inlet processes, pursuant to Sections 161.021, 161.041, and 161.055, F.S., and Rule 62B-49.001, F.A.C.;
- 2) Authorization to use sovereign submerged lands in association with a Joint Coastal Permit pursuant to Chapter 253, F.S., and Rule 18-21, F.A.C.; and
- 3) A federal dredge and fill permit for activities outlined above.

APPLICATION SUBMISSION

Submit the completed application form, along with the certified drawings and all the supporting materials requested on the form. Submit the entire application package to the Department by email at BIPP@dep.state.fl.us. Please see the web page at <http://www.dep.state.fl.us/beaches/forms.htm#JCP> for instructions on submitting items too large for email.

APPLICATION FEES

Refer to the Joint Coastal Permit Fees webpage located at <http://www.dep.state.fl.us/beaches/permitting/envpfee.htm> for an application fee worksheet. Please submit your fee (payable to the Department of Environmental Protection) online at <http://www.fldeportal.com/DepPortal/go/pay-outstanding-balances/>. If electronic submittal is not available, please mail your application fee (check or money order) to the address above.

DISTRIBUTION TO THE U.S. ARMY CORPS OF ENGINEERS

When activities are proposed in, on or over wetlands or other surface waters, the Department shall forward a copy of the application to the United States Army Corps of Engineers (USACE). The USACE will advise you of any additional information that may be required to complete the federal dredge and fill portion of the permit application. The information requested in this application form may be more than required to make a complete application to the USACE. However, it is useful and may be essential for subsequent evaluation. **Please provide measurements in both English units and metric equivalents for projects that require a federal permit.**

CONSULTATION

Applicants are encouraged to consult with Department staff prior to submittal of the formal application. If you have any questions, please consult with the staff of the Department's Beaches, Inlets and Ports Program prior to submittal of the formal application. Contact information is located on the Beaches, Inlets and Ports Program webpage located at: <http://www.dep.state.fl.us/beaches/programs/envpermt.htm>.

NOTE: Additional information may be required by statute or rule, or if found by staff to be necessary for proper evaluation of the application under applicable statutory and rule criteria.



JOINT APPLICATION FOR JOINT COASTAL PERMIT / AUTHORIZATION TO USE SOVEREIGNTY SUBMERGED LANDS / FEDERAL DREDGE AND FILL PERMIT

FOR AGENCY USE ONLY

USACE Application

Number: _____

DEP Application Number: _____

Date Application

Received: _____

Date Application Received: _____

1. Name of authorized agent for permit application (if applicable)		Mailing Address	
City	State	Zip Code	Telephone
Email		Fax	
2. Name of applicant		Mailing Address	
City	State	Zip Code	Telephone
Email		Fax	

3. Name of activity

4. Location of activity, including dredging, filling and construction sites (use additional sheets, if needed):

County(ies) _____

Section(s) _____ Township _____ Range _____

DNR reference monument(s) _____

Street address, road or other location _____

City, Zip Code if applicable _____

5. Describe in general terms the proposed activity including any phased activities. Please include the following details:

- Type of project (e.g., restoration, nourishment, bypassing, groins, maintenance dredging, jetty rehabilitation);
- Number of events requested (once or as-needed);
- Fill template (lengths, dune crest and berm widths, slopes, and corresponding elevations in North American Vertical Datum (NAVD) down to toe of fill);
- Dredge/equipment type and/or construction method;
- Borrow Areas (indicate if it is an offshore site, an ebb shoal or a flood shoal; specify maximum allowable dredge depths; indicate the vertical datum NAVD, MLW, MLLW, etc.; and maximum depth);
- Approximate volume to be dredged/filled during single event;
- Upland, nearshore or offshore disposal sites;
- Staging areas, stock piling, access corridors;
- Type/number/dimensions/elevations of structures;
- Acreage of direct and secondary impacts for each impacted community type; and
- Acreage of mitigation for each type of community.

Please provide measurements for projects that require a federal permit in both English units and metric equivalents.

☐ Check here if information is continued on an attached sheet

6. Describe the purpose and need of the proposed activity including any public benefits. Include a detailed statement describing the existing and proposed upland uses and activities. Please consider the public interest test outlined in Section 373.414 (1), F.S., with the understanding the project in Outstanding Florida Waters (OFW) must be CLEARLY in the public interest, whereas other projects must NOT BE CONTRARY to the public interest.
1. *Whether the activity will adversely affect the public health, safety, or welfare or the property of others;*
 2. *Whether the activity will adversely affect the conservation of fish and wildlife, including endangered or threatened species, or their habitats;*
 3. *Whether the activity will adversely affect navigation or the flow of water or cause harmful erosion or shoaling;*
 4. *Whether the activity will adversely affect the fishing or recreational values or marine productivity in the vicinity of the activity;*
 5. *Whether the activity will be of a temporary or permanent nature;*
 6. *Whether the activity will adversely affect or will enhance significant historical and archaeological resources under the provisions of Section 267.061, F.S.; and*
 7. *The current condition and relative value of functions being performed by areas affected by the proposed activity.*

Additionally, consider the proprietary public interest test, as defined in Subsection 18-21.003(51), F.A.C.: *Public interest means demonstrable environmental, social, and economic benefits which would accrue to the public at large as a result of a proposed action, and which would clearly exceed all demonstrable environmental, social, and economic costs of the proposed action. In determining the public interest in a request for use, sale, lease, or transfer of interest in sovereignty lands or severance of materials from sovereignty lands, the board shall consider the ultimate project and purpose to be served by said use, sale, lease, or transfer of lands or materials*

If a historical resource check on any of the proposed project has been obtained from the Department of State's Division of Historical Resources, please provide a copy of the report. Otherwise, the Department will conduct a historic resource check of the project on your behalf.

☐ Check here if information is continued on an attached sheet.

7. Indicate the requested duration of your permit

☐ 15 years ☐ 3 years (experimental project) ☐ Other requested duration (<15 years) _____

☐ 5 years (construction phase and perpetual operation and maintenance phase, for sand transfer plants and mitigation for erosion from erosion control structures that require long term operation and maintenance)

8. Please identify by number any JCP / DBS / Wetland Resource / ERP / USACE Permits pending, issued or denied for projects at the location, and any related enforcement actions.

Agency	Date	No. / Type of Application	Action Taken
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

☐ Check here if information is continued on an attached sheet.

9. Has an Erosion Control Line (ECL) been established pursuant to Sections 161.141 - 161.211, F.S.? ☐YES ☐NO

If yes, please provide evidence that the ECL has been recorded and show the location of the established ECL on all appropriate drawings.

INFORMATION FOR ASSESSMENT OF SOVEREIGNTY SUBMERGED LANDS APPLICATION:

SUBMIT THE FOLLOWING ITEMS AS ATTACHMENTS:

Note: A justification or explanation is required when requesting a waiver of any of the items below. Waiver is defined as relinquishing the requirements for the cited information.

Attached	To be Provided	Waiver Requested	Not Applicable
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10. **If the applicant is not a government entity:** Satisfactory evidence demonstrating that the applicant has sufficient control and interest in the riparian upland property, as described in Subsection 18-21.004(3)(b), F.A.C. If the applicant is not the property owner, then authorization from the property owner for such use must be provided.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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11. **The information in this item is only required if you are applying for a sovereignty submerged lands easement or lease:** A list of the names and addresses of owners of all riparian property within 1,000 feet (and within a 500 feet radius) of the proposed sovereignty submerged lands easement or lease site from the latest county tax roll. If the property is under cooperative or condominium ownership, the name and mailing address of the cooperative or condominium association will be adequate. This would not apply to off-shore leases or easements that are not located within 1,000 feet of the shoreline.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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12. **The information in this item is only required if you are applying for a sovereignty submerged lands easement or lease:** A legal property description and acreage of any sovereign submerged land that would be encompassed by the requested lease or easement, plus a survey prepared, signed and sealed by a person properly licensed by the Florida State Board of Land Surveyors.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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INFORMATION FOR ASSESSMENT OF IMPACTS TO THE COASTAL SYSTEM

SUBMIT THE FOLLOWING ITEMS AS ATTACHMENTS:

Note, a justification or explanation is required when requesting a waiver of any of the items below. Waiver is defined as relinquishing the requirements for the cited information.

	Attached	To be Provided	Waiver Requested	Not Applicable
13. Topographic and bathymetric survey drawings of the proposed project site(s), including profiles and a contour map that reflect conditions within the past six (6) months, in accordance with Subsection 62B-41.008(1)(e), F.A.C. Drawings shall meet the State's minimum technical standards and shall be signed and sealed by the professional surveyor, duly registered pursuant to Chapter 472, F.S., who performed the survey. This item may be included in item 14 (permit drawings).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Complete sets of permit drawings, certified by an engineer duly registered pursuant to Chapter 471, F.S. These drawings shall be submitted utilizing aerial photography backgrounds. Each drawing shall include an accurate scale or dimensions, and all information shown on the drawing shall be clearly legible. The plans shall clearly distinguish between existing and proposed structures and grades, and shall include the following:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
a. Plan view of the proposed activity depicting the mean high-water line, any easement boundary and the ECL (if applicable) within the area of influence of the proposed activity. Identify the boundaries of significant geographical features (e.g., channels, shoals) and natural communities (e.g., submerged grass beds, hardbottom or mangroves) and special aquatic or terrestrial sites (parks, sanctuaries, refuges, OFW, aquatic preserves, etc.) within the area of influence of the activity. Include a north arrow and a scale bar on each drawing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Cross-section views of the proposed activity depicting the slopes, the mean high-water line, any easement boundary and the ECL (if applicable) within the area of influence of the proposed activity sufficient to depict the geographical extent of the project, and the potential effects on the coastal system and environmental resources. Identify the boundaries of significant geographical features and natural communities in the area of influence of the proposed activity. Elevations indicated on the cross-sections shall be referenced to the NAVD.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Details of construction, including materials and general construction procedures and equipment to be used (e.g., construction access, staging areas (both on land and in water), dredging method, dredged material containment, pipeline location).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Details of any existing structures on the site that may be directly or indirectly affected by, or that may directly or indirectly affect, the proposed activity. This shall typically include shore protection structures such as groins, utility or stormwater outfalls, including subgrade structures, and any derelict structures such as remnant walls or pilings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. A proposed construction schedule.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Attached	To be Provided	Waiver Requested	Not Applicable
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16. Permit applications for excavation or fill activities shall include the following detailed information concerning the material to be excavated and the existing material at the beach fill site:

- a. Site plans showing the location of all core borings and the boundaries of the area to be excavated.
- b. Core boring logs of all cores taken throughout the area to be excavated and surrounding area. Logs should extend at least two feet below the proposed bottom elevation. The depth of each visible horizon in the log should be reported relative to NAVD (88) and the material in each stratum classified according to grain size.
- c. Particle size and color analysis of the sediment. Gradation curves, frequency distribution curves and data analysis sheets should be produced from sieve analysis of each stratum in the core. Grain size distribution must be determined down to the standard unit 230 sieve size. Color analysis of moist sediment should use Munsell system of hue, value and chroma.
- d. Carbonate content and percent organics by dry weight from representative stratum in each core. Chemical analyses shall be required if there is reason to suspect that the sediments are contaminated.
- e. Representative physical samples and particle size, color and carbonate content of the existing material at the beach fill site.
- f. A sediment Quality Assurance/Quality Control (QA/QC) plan that will ensure that the sediment to be used for beach restoration or nourishment will meet the standards set forth in Rule 62B-41.007, F.A.C.

Submit all geotechnical information in electronic file format suitable for input to the Department's Regional Offshore Sand Source Inventory (ROSSI) database. The data may be submitted in Excel, Access, and/or gINT® files. The MS Access Front End Loader and gINT® files are available on the ROSSI website <http://rossi.urs-tally.com/Downloads.aspx>.

Submit electronic spatial data of borrow area boundaries, core boring locations, and seismic track lines with time stamps and shot points, and .pdf files of seismic images with time stamp annotations. Spatial data are to be submitted in a georeferenced format, which may the following: MicroStation (.dgn), AutoCAD (.dwg, .dxf), GIS (.shp, coverages, geodatabase, kmz, etc.). All electronic data should be submitted via the ROSSI website using the upload link on the home page (<http://rossi.urs-tally.com>).

17. Analysis of the compatibility of the fill material with respect to the existing sediment at the placement site. The analysis should include all relevant computations, the overfill ratios, and superimposed graphs of the cumulative grain-size distribution and the frequency distribution of the fill material over the data for the existing sediment at the placement site. Provide computations of borrow area volume and composite fill material characteristics (mean grain size and sorting, percent carbonate content) in an electronic spreadsheet.

Attached	To be Provided	Waiver Requested	Not Applicable
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18. Using an established natural community classification system, describe each natural community within the area of influence of the proposed activity. This includes wetlands, mangroves, seagrasses, hardbottom or any other coastal resource, within a minimum of 1,000 feet in both shore parallel directions of the project boundary. Include an aerial map of these communities outlined, as well as:

a. Acreage.

☐ ☐ ☐ ☐

b. Identification of the flora and fauna to the lowest taxon practicable.

☐ ☐ ☐ ☐

c. Characterization of dominant and important flora and fauna and estimates of percent biotic cover.

☐ ☐ ☐ ☐

19. Provide detailed information on season of occurrence, density, and location of threatened or endangered species whose range occurs within the proposed activity. Include any results of available wildlife surveys that have been conducted on the site.

☐ ☐ ☐ ☐

20. Discuss any proposed methods to reduce potential impacts to threatened and endangered species, including lighting ordinances (outline procedures), avoidance (e.g., working outside of season), and minimization measures.

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21. Provide an analysis of the expected effect of the proposed activity on the coastal system including but not limited to:

a. Analysis of the expected physical effect of the proposed activity on the existing coastal conditions and natural shore and inlet processes. The analysis should include a quantitative description of the existing coastal system, the performance objectives of the proposed activity, the design parameters and assumptions, relevant computations, validation of the results and the data used in the analysis.

☐ ☐ ☐ ☐

b. Demonstration of consistency with the Department's Strategic Beach Management Plan or an inlet management plan in accordance with Rule 62B-41.005, F.A.C. (If the proposed project is not included in an inlet management plan the applicant will provide the information specified in Rule 62B-41.008, F.A.C.).

☐ ☐ ☐ ☐

c. Reasonable assurances that a regulated activity will not cause unacceptable cumulative impacts pursuant to Rule 62-330, F.A.C., and defined in Rule 62B-41.002, F.A.C.

☐ ☐ ☐ ☐

22. Identify any areas within any proposed mixing zone(s) that contain significant submerged resources, such as hardbottom, seagrasses or mangroves. Explain why the size of the proposed mixing zone is the minimum necessary to meet water quality standards and provide justification for that size. If the project is in or adjacent to an OFW and an antidegradation variance is proposed, please provide the proposed NTU variability above background, as well as the justification (measurements of natural background variability measured within a tidal cycle). Describe the location and details of the erosion, sediment and turbidity control measures to be implemented during each phase of construction and all other measures used to minimize adverse effects to water quality. If a mixing zone variance is proposed, please provide a narrative description and graphic representation of the mixing zone.

☐ ☐ ☐ ☐

	Attached	To be Provided	Waiver Requested	Not Applicable
23. Provide a written statement providing the necessity and justification for the potential impacts to the coastal ecosystem that may be caused by the proposed coastal construction. Provide a physical monitoring plan, pursuant to Rule 62B-41.005, F.A.C.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Provide proposed biological monitoring plans that will provide reasonable assurance that the predicted level of direct and secondary impact to adjacent biological resources, such as hardbottom and / or seagrasses was correct. Additionally, if impacts to natural resources are anticipated, a narrative description of any proposed biological mitigation plans, pursuant to Rule 62-345, F.A.C., including purpose, a comparison between the functions of the impact site to the mitigation site, maintenance, monitoring, estimated cost, construction sequence and techniques. For proposed artificial reefs, indicate the water depth, depth of sand overlying bedrock, and proposed relief and materials (type, size and shape).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25. Provide an analysis of available alternatives to the proposed coastal construction, pursuant to Subsection 62B-41.005(1)(e), F.A.C. that would minimize adverse impacts to the coastal system. Discuss any related effects on the coastal system.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Provide the required permit fee, as set forth in Rule 62B-49.006, F.A.C. In order to calculate the fee, please provide the following: the acreage of proposed filling seaward of the MHW line; the acreage of proposed dredging; the cubic yardage of fill to be placed on the beach (above and below the MHW line); the cubic yardage of material to be dredged from an inlet and then placed either in an upland or offshore disposal site; the length of rigid coastal structures (groins, breakwaters, jetties, seawalls and revetments); and the number of inlet-related structures (new channels, sand traps and bypassing plants).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note: Additional information may be required by statute or rule, or if found by staff to be reasonably necessary for proper evaluation of the application under applicable statutory and rule criteria.

27. SIGNATURE(S)

- A. By signing this application form, I am applying, or I am applying on behalf of the applicant, for the permit and any proprietary authorizations identified above, according to the supporting data and other incidental information filed with this application. I am familiar with the information contained in this application and represent that such information is true, complete and accurate. I understand this is an application and not a permit, that work prior to approval is a violation, and any permit issued or proprietary authorization issued pursuant thereto, does not relieve me of any obligation for obtaining any other required federal, state, water management district or local permit prior to commencement of construction. I agree, or I agree on behalf of my corporation, to operate and maintain the permitted system unless the permitting agency authorizes transfer of the permit to a responsible operation entity. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S., and 18 U.S.C. Section 1001.

Typed / Printed Name of Applicant (If no Agent is used) or Agent (If one is so authorized below)

Signature of Applicant / Agent

Date

Name of political subdivision, municipality, or business entity and title of person signing on its behalf, if **applicable**

AN AGENT MAY SIGN ABOVE ONLY IF THE APPLICANT COMPLETES THE FOLLOWING:

- B. I hereby designate and authorize the agent listed above to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and / or proprietary authorization indicated above; and to furnish, on request, supplemental information in support of the application. In addition, I authorize the above-listed agent to bind me, or my corporation, to perform any requirement which may be necessary to procure the permit or authorization indicated above. I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S., and 18 U.S.C. Section 1001.

Typed / Printed Name of Applicant

Signature of Applicant

Date

Name of political subdivision, municipality, or business entity and title of person signing on its behalf, if **applicable**

Please Note: The Applicant's original signature (not a copy) is required.

REQUIRED BY PERMIT PRIOR TO CONSTRUCTION: The following items are not completeness items, but will be required as a specific condition to be provided prior to project construction, as Notice to Proceed items.

1. A current Biological Opinion from the U.S. Fish and Wildlife Service or the National Marine Fisheries Service, when the Florida Wildlife Conservation Commission has determined that the proposed project will result in a take of marine turtles, which could not be authorized without an incidental take determination under federal law.
2. Complete sets of construction plans and specification for the proposed activity, which are consistent with the project description in the permit and the permit drawings, and are certified by an engineer duly registered pursuant to Chapter 471, Florida Statutes.