Flagler County Board of County Commissioners
Consent: BOCC Departments / Agenda Item 7.i.

Meeting Date:	October 5, 2026
Department Contact:	Hamid Tabassian, County Engineer, Damon Douglas, Coastal Management Program Manager
Subject:	**Approval of the Twenty-third Amendment to the Professional Services Agreement 14-032Q between Flagler County and Foth Infrastructure and Environment, LLC, for Coastal Engineering Services for Permit Modification to Support the Use of an Offshore Sand Source for Future Hammock Dunes Owners Association Dune Restoration Projects.**

Overview/Summary:
Flagler County has a Dune Maintenance Agreement with the Hammock Dunes Owners Association (HDOA) dated August 18, 2025, for the County to provide dune restoration and associated services and the HDOA to provide $570,000.00 per year to the County towards the services.

The HDOA has asked the County to permit an offshore sand source to be useable in future projects as an alternative to sand sourced from upland mines. The County and HDOA have coordinated efforts to request the attached proposal from Foth to modify the FDEP and USACE permits and the BOEM Borrow Area Lease to dredge sand from an offshore borrow area, named 3A, temporarily stockpile the sand on the northern end of Reach II, and truck the sand from the stockpile and place it on the dunes at Hammock Dunes. The 3A borrow area is the same site used by the USACE for the Flagler County Coastal Storm Risk Management Project in Flagler Beach and will be used by the County for the Reach II Beach Nourishment Project (approved August 3, 2026).

The stockpile and transport option can potentially realize substantial savings as opposed to the use of sand trucked overland from inland mines, if performed in conjunction with a nearby dredge project that is contributing to the mobilization cost for the dredge equipment.

Considering Foth provided the Coastal Engineering support to permit both the previous Hammock Dunes project and the Reach II permits, including managing the environmental and cultural resource evaluations required for regulatory approval, it is recommended that an Amendment to the Foth contract for $148,984.00 be approved to amend the scope of work and fee for Professional Services, as described in the attachment “Exhibit A”.

Strategic Plan:
Focus Area: Growth and Infrastructure
Goal 2 - Protect and Manage Natural Resources

Objective EV 2.1.1: Protect and renourish the dunes/beaches

Funding Information:
Funding will be appropriated during the annual carry forward process within the Tourist Development Beach Fund 1111. The HDOA Contribution has a current balance of $570,000 and will be used to fund the $148,984.00 for the Amendment.

Recommendations:
Staff recommends that the Board approve the Twenty-third Amendment to Professional Services Agreement 14-032Q with Foth Infrastructure and Environment, LLC, for $148,984.00.

Attachments:
1. Foth - Twenty-third Amendment

TWENTY-THIRD AMENDMENT TO AN AGREEMENT BETWEEN FLAGLER COUNTY AND FOTH INFRASTRUCTURE & ENVIRONMENT, LLC, FOR PROFESSIONAL SERVICES FOR COASTAL ENGINEERING

FLAGLER COUNTY PROJECT RSQ NO. 17-032Q

Flagler County, a political subdivision of the State of Florida (COUNTY), and Foth Infrastructure & Environment, LLC, a Wisconsin limited liability company (CONSULTANT), (collectively, COUNTY and CONSULTANT are hereinafter referred to as PARTIES) hereby enter into this Twenty-Third Amendment to the Agreement executed on the date hereupon entered.

WHEREAS, the PARTIES have entered into an Agreement for Professional Coastal Engineering services, as defined in the project contract document dated February 8, 2019 (Agreement); and

WHEREAS, Hammock Dunes Owners Association (HDOA) has an Perpetual Easement Agreement, dated May 18, 2023, for COUNTY to perform beach and dune restoration and nourishment activities on their beach with HDOA'S financial contribution; and

WHEREAS, the HDOA has requested COUNTY amend the Agreement to include engineering support to modify the Florida Department of Environmental Protection (FDEP) Joint Coastal Permit (JCP) and U.S. Army Corps of Engineers (USACE) permits (Permit Nos. 0405821-001-JC and SAJ-2017-01052) and to provide Bureau of Ocean Energy Management (BOEM) offshore lease negotiation assistance to allow the use of sand from offshore Borrow Area 3A, currently permitted for the USACE Flagler County Coastal Storm Risk Management Project and the Flagler County Reach II Beach Nourishment Project, as an additional sediment source for the construction and maintenance of a dune along the Hammock Dunes shoreline (FDEP Coastal Range Monuments R-35.1 to R-47.9); and

WHEREAS, the PARTIES desire to amend the Agreement to include engineering support for the permitting of the additional sand source for Hammock Dunes.

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, WHICH THE PARTIES AGREE IS ADEQUATE, THE PARTIES AGREE TO THE FOLLOWING:

ITEM NO. 1: The above recitals are incorporated herein.

ITEM NO. 2: The Agreement is hereby amended to include the addition of engineering services for permitting the use of the Borrow Area 3A sand source for the construction and maintenance of a dune along the shoreline between FDEP Coastal Range Monuments R-35.1 to R-47.9, as are described in Exhibit "A," which is attached hereto and made a binding part hereof by this reference. The fee for the additional services is in the amount of $148,984.00, as identified in Exhibit "B", attached hereto and made a part hereof.

ITEM NO. 3: This Amendment must be accepted by the CONSULTANT and must be approved by COUNTY to become effective.

ITEM NO. 4 Except as expressly modified herein, all Terms and Conditions of the original Agreement as previously amended shall remain unmodified and shall remain in full force and effect.

ITEM NO. 5: No change to the total overall duration of the Agreement is made with this Amendment.

[THIS SPACE INTENTIONALLY LEFT BLANK]

The total revised cost and project design duration are summarized below:

	AMOUNT	**TIME**
Total Contract, prior to this Amendment (No. 23):	$4,456,157.00	Active contract period from Notice to Proceed
Total This Amendment:	$148,984.00	UNCHANGED
New Contract Value, including this Amendment	$4,605,141.00	Active contract period

[Signature Pages to Follow]

ACCEPTANCE: (CONSULTANT)
I (We) agree to perform the work required by this Amendment No. 23 for the amount and within the time allocated all in accordance with Contract Document Agreement.

NAME: Foth Infrastructure & Environment, LLC

WITNESS:_____
(Signature)

_____
(Typed or Printed)

BY: _____
(Signature)

_____
(Typed/Printed Name & Title)

Date:_____

[Signature Page to Follow]

RECOMMENDED BY:
Flagler County Engineering Dept.

_____
Hamid Tabassian, County Engineer

APPROVED AS TO FORM:
Flagler County Legal Dept.

Sean S. Moylan Digitally signed by Sean S. Moylan Date: 2026.09.22 14:54:21 -04'00'
Sean S. Moylan, Deputy County Attorney

APPROVED: FLAGLER COUNTY

BY: _____
Adam Mengel, Interim County Administrator

_____
(Date)

(Exhibit "A" to Follow)

EXHIBIT A
SCOPE OF WORK

Coastal Engineering Consulting Services Proposal
Hammock Dunes Dune Restoration Project – Permit Modification to Support the Use of an Offshore Sand Source, Flagler County, FL
(TO 2019-23)

Scope Prepared by:
Foth Infrastructure & Environment, LLC (Foth)
501 Riverside Avenue, Suite 801
Jacksonville, FL 32202
(904) 387-6114

Overview & Purpose

Flagler County ("County") has requested that Foth Infrastructure & Environment, LLC ("Consultant") prepare a proposal to provide coastal engineering, environmental, and regulatory consulting services to develop a permit-level, temporary offshore-sand stockpile design and support modifications to the existing authorizations for the Hammock Dunes Dune Restoration Project.

The Hammock Dunes project area extends approximately 2.3 miles along the Hammock Dunes shoreline between Jungle Hut Road Park, near R-35.1, and Varn Park, near R-47.9. The purpose of the proposed work is to establish a regulatory pathway for temporary stockpiling, rehandling, transportation, and placement of offshore-sourced sand for future dune restoration activities within the existing authorized project area.

The proposed concept generally consists of dredging sand from an authorized offshore borrow source, hydraulically placing the material to create a temporary beach stockpile, allowing the material to dewater, mechanically loading the material into off-road trucks, transporting the material along the beach, and placing the material within the existing permitted dune fill template. Final dune fill placement is anticipated to occur within the existing, permitted template, entirely above the Mean High Water Line, with no direct hydraulic placement within the dune restoration template.

The existing Hammock Dunes authorizations evaluated the use of upland-mined sand for dune restoration but did not evaluate the temporary stockpiling and rehandling of offshore-sourced material. Accordingly, modifications to the applicable State and Federal authorizations and additional environmental review are anticipated.

The Consultant will provide engineering, environmental, and regulatory support services necessary to establish a viable pathway for the future use of offshore-sourced sand within the Hammock Dunes Dune Restoration Project. Services will include development of a permit-level

temporary stockpile concept; preparation of engineering and technical documentation to support modification of applicable Florida Department of Environmental Protection (FDEP), United States Army Corps of Engineers (USACE), and Bureau of Ocean Energy Management (BOEM) authorizations; coordination with regulatory and resource agencies; and preparation of environmental documentation necessary to support National Environmental Policy Act (NEPA) compliance and associated Federal agency actions.

Assumptions, Clarifications, and Exclusions

The Consultant has prepared this Scope of Work based upon the following understanding, assumptions, and conditions.

1) The project Scope will seek to modify FDEP permit 0405821-001-JC and USACE permit SAJ-2017-01052. The existing BOEM Lease for the County's Reach 2 project, OCS-A 0572, will also be considered for amendment.

2) The existing FDEP and USACE authorizations support dune restoration within the Hammock Dunes project area utilizing only upland-mined sand. Modifications to these permits are required to accommodate the proposed offshore sand source, temporary stockpile and dewatering, and associated handling and transport activities.

3) The proposed concept is to use offshore material from the Flagler County Borrow Area, which is currently authorized for the County's Reach 2 project under BOEM Lease OCS-A 0572. Material would be pumped from a hopper dredge to a temporary stockpile, dewatered, loaded into offroad trucks, transported along the beach, and placed within the existing, permitted dune fill template. Borrow Area 3A is assumed to contained sufficient volume for stockpiling purposes without modification.

4) The Scope of the project to be designed, evaluated, and ultimately included in the permit modifications will seek to avoid impacts to beach and nearshore hardbottom resources.

5) This Scope does not include any tasks related to development of a compensatory mitigation plan since the project design will be based on complete avoidance of potential adverse impacts to nearshore hardbottom resources.

6) The temporary stockpile concept will be developed to a permit-level of detail sufficient to support agency review and authorization modifications. Preparation of final design documents, issue-for-bid plans and specifications, and construction-level design is not included in this Scope of Work.

7) This Scope assumes no modifications to the existing Hammock Dunes dune fill renourishment template except for revisions needed to illustrate the stockpile, access, handling sequence, and related work limits.

8) This Scope assumes preparation of an Environmental Assessment (EA). Based on currently available information and preliminary agency coordination for the project, preparation of a standalone Biological Assessment (BA) is not anticipated, and the project is expected to rely on existing biological data, published scientific data, and existing consultation documents. The EA can serve as the Essential Fish Habitat (EFH) assessment for the project under the Magnuson-Stevens Fishery Conservation and Management Act, provided that the document satisfies all criteria of the Act. Similarly, the listed species sections of the EA must follow the statutory and regulatory requirements for a BA and examine all direct, indirect, and cumulative effects to listed species and/or critical habitat to serve as a Section 7 compliant BA. If any resource protection agency determines that preparation of a standalone Biological Assessment and ESA Section 7 consultation package, Essential Fish Habitat (EFH) assessment, or other supplemental biological documentation are required, such services shall constitute additional services beyond this Scope. This scope also assumes that all work will be conducted in accordance with the applicable programmatic Biological Opinions issued by the United States Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS).

9) This Scope assumes reliance on existing biological, hardbottom, cultural resource, bathymetric, topographic, and environmental datasets provided by the County or otherwise made available to the Consultant. Furthermore, it is assumed that the data collected, by other consultants, to support the County's Reach 3 project will be sufficient to satisfy analysis requirements and agency review of these permit modifications. The collection of new environmental, archaeological, geotechnical, hydrographic, or ecological field data is not currently authorized for this Scope of Work.

10) Regulatory agency review may identify additional surveys, modeling, environmental studies, biological consultation, or documentation beyond the work described herein. Any such additional requirements beyond the scope of this proposal will constitute additional services, will require additional budget, and will be identified for County authorization before proceeding.

11) This Scope assumes two (2) consolidated rounds of Requests for Additional Information (RAIs) and agency review comments. Additional RAI cycles requiring substantial revisions, new analyses, new alternatives evaluations, additional environmental documentation, or expanded agency consultation shall constitute additional services.

12) The Consultant assumes that the County will serve as the sole point of direction and authorization for services performed under this Task Order. While third-party stakeholders may participate in discussions regarding the project, all requests, instructions, approvals, and decisions affecting the Scope of Work or Consultant services shall be communicated through and authorized by the County.

Task 1: Project Modification Engineering and Formulation (Temporary Stockpile) (Lump Sum)

The Consultant shall perform the engineering and project-formulation services necessary to establish a permit-level temporary stockpile concept for inclusion in the permit modification applications and environmental documentation. The engineering analysis will integrate stockpile siting, capacity, construction methodology, dewatering, material rehandling, access, truck circulation, environmental constraints, and compatibility with anticipated beach nourishment operations.

The Consultant shall:

- Review available project information and establish the preliminary stockpile dimensions, volume, operational requirements, and permit-level design criteria.
- Review available information from comparable temporary beach stockpile projects to identify applicable design considerations, construction approaches, operational constraints, environmental measures, and lessons learned for incorporation into the Hammock Dunes permit-level stockpile concept.
- Develop the recommended permit-level stockpile concept, including its location, footprint, approximate geometry and capacity, typical sections, dewatering approach, access, truck circulation, loading area, temporary work limits, construction sequence, and site restoration.
- Evaluate construction sequencing implications related to stockpile capacity and rehandling/trucking productivity to transport stockpiled material to the dune fill placement areas.
- Evaluate potential effects of the temporary stockpile, associated construction activities, and material-hauling operations on public beach use and access. The evaluation shall consider temporary restrictions to pedestrian and vehicular access, recreational use, access points, safety considerations, travel corridors, and operational measures that could be implemented to minimize disruptions during stockpile construction, use, and removal.
- Coordinate with County and Hammock Dunes to discuss constraints and scope of the final location and size of the stockpile prior to submitting modification request.

The evaluation will consider a reasonable worst-case condition in which hydraulic placement or grading is required to establish a temporary working pad, including conditions with and without an existing beach berm. Stockpile location and extent will be established before the environmental effects and permit modification requirements are finalized.

Deliverables: Permit-level stockpile design; design basis memorandum; and preliminary stockpile capacity estimate in electronic PDF format within thirty (30) business days of Notice to Proceed. Coordination meeting with County and Hammock Dunes for final stockpile configuration and location.

Task 2: Permit Modification Preparation & Agency Coordination (Lump Sum)

The Consultant shall prepare the engineering and technical materials required to support modification of the applicable FDEP, USACE, and BOEM authorizations for the proposed stockpile and transfer use of offshore-sourced sand within the Hammock Dunes project area.

The Consultant shall:

- Confirm the applicable authorization framework and anticipated modification requirements with FDEP, USACE, BOEM, and appropriate resource agencies.
- Prepare the project description, permit drawings, quantities, construction sequence description, avoidance and minimization measures, and other technical information necessary to support modification of FDEP Permit 0405821-001-JC, USACE Permit SAJ-2017-01052, and support the County with BOEM Lease negotiations for the amendment or other action under BOEM Lease OCS-A 0572.
- Participate in coordination meetings with regulatory and resource agencies to discuss project formulation, authorization requirements, permitting strategy, environmental documentation needs, and other considerations necessary to support preparation of the permit modification applications.

The permit materials will describe the offshore sand source, hydraulic delivery, temporary stockpile, typical method of hydraulic delivery, dewatering, mechanical rehandling, truck transport, dune placement, temporary work limits, and restoration of the stockpile area.

Deliverables: Draft and final permit modification documents (FDEP, USACE, and BOEM) in electronic PDF format within twenty (20) business days of completion of Task 1.

Task 3: Environmental Assessment and NEPA Document Preparation (Lump Sum)

The Consultant and their qualified marine environmental professional Subconsultant shall prepare an Environmental Assessment (EA) and supporting environmental documentation for the proposed federal actions within the Hammock Dunes project area. The proposed project modifications will require preparation and processing of an Environmental Assessment (EA) to support compliance with the National Environmental Policy Act (NEPA) and other applicable federal environmental review requirements associated with the proposed action.

The Environmental Assessment will evaluate the potential direct, indirect, and cumulative effects of the proposed action, including project-specific elements not previously analyzed, such as temporary stockpile construction and operation, dewatering, material rehandling, and truck hauling, and their potential effects on biological resources, water quality, air quality, recreation, cultural resources, and other applicable environmental resources.

The Consultant, with the Subconsultant, shall:

- Coordinate with the environmental Subconsultant by providing project design information, available survey data, project assumptions, and other supporting technical information necessary to evaluate the potential environmental effects of the proposed action and prepare the required environmental documentation.
- Review available environmental documents, surveys, biological consultation materials, cultural resource information, and prior analyses applicable to the proposed action.
- Evaluate the proposed project area and affected environment to identify potential direct, indirect, and cumulative effects of the proposed action.
- Identify applicable environmental commitments and avoidance and minimization measures.
- Prepare Draft and Final Environmental Assessment documents for agency consideration.
- Coordinate with the federal agencies and respond to consolidated comments on the environmental documents.

Deliverables: Draft Environmental Assessments in electronic PDF format within sixty (60) business days of completion of Task 1. Final Environmental Assessment to be provided in electronic PDF format following regulatory agency comment, coordination, and acceptance.

Task 4: Responses to Permitting Requests for Additional Information (Lump Sum)

Following submittal of the permit modification applications and supporting environmental documentation, the Consultant shall provide technical support to address up to two (2) Requests for Additional Information (RAIs), review comments, and other information requests received from the regulatory agencies during the permit review process.

The Consultant shall:

- Review and evaluate Requests for Additional Information (RAIs), review comments, and other information requests received from the Florida Department of Environmental Protection (FDEP), U.S. Army Corps of Engineers (USACE), Bureau of Ocean Energy Management (BOEM), and other participating resource agencies.
- Coordinate with County staff and the environmental Subconsultant to develop responses to agency comments and information requests.
- Prepare written responses to agency Requests for Additional Information utilizing project information, analyses, and data developed under this Scope of Work.
- Provide supplemental narrative descriptions, clarifications, supporting calculations, figures, permit drawings, and brief technical analyses necessary to address agency comments and demonstrate compliance with applicable permitting requirements.

- Revise permit drawings, project descriptions, environmental documentation, and other application materials, as necessary, to address agency comments and facilitate permit review.
- Review draft permit conditions and permit documents and provide comments, suggested revisions, and technical recommendations to the County prior to permit issuance.

The RAI response effort is limited to clarification of application materials, use of existing information, and incorporation of analyses developed under this Scope of Work. Additional field investigations, resource surveys, numerical modeling, engineering analyses, biological studies, cultural resource investigations, mitigation planning, or other activities not specifically described herein are not included and shall constitute additional services if requested by the agencies. Regulatory agencies may identify additional information needs during application review that cannot be satisfied using information currently available or developed under this Task Order.

Deliverables: Draft and final RAI response packages, revised permit application materials (if required), and comments on draft permit conditions in electronic PDF format. within fifteen (15) business days of receipt of RAI requests from regulatory agencies.

Task 5: Allowance for Biological Assessment (BA), County Reach 2 Permit Modifications for Stockpile, and Additional RAI Responses (Authorization Withheld, Not-To-Exceed)

An allowance is provided for preparation of a standalone Biological Assessment (BA). If a Federal agency determines that a standalone BA is required, the Consultant and its qualified marine environmental professional Subconsultant shall, upon written authorization from the County, prepare Draft and Final BA documents using existing project information and available environmental data. This task does not include new field investigations, surveys, modeling, mitigation planning, or other supplemental studies.

This allowance provides for regulatory coordination and potential modification of the County's Reach 2 permits, including FDEP Permit No. 0379716-003-JM and USACE Permit No. SAJ-2019-02065, as may be necessary to authorize the proposed stockpile and material rehandling approach. The need for, nature of, and extent of any permit modifications will be determined through execution of this Scope and coordination with the applicable regulatory agencies.

This allowance also provides for responses to Requests for Additional Information (RAIs) or consolidated agency comment rounds beyond the two rounds included under Task 4. Upon written authorization from the County, the Consultant shall prepare responses and revise applicable permit, engineering, and environmental documents using existing information and analyses developed under this Scope of Work. This task is limited exclusively to the standalone Biological Assessment, stockpile modification of County Reach 2 permits, and additional RAI responses described above and does not authorize any other services.

Deliverables: Draft and Final Biological Assessment in electronic PDF format. Draft and final Reach 2 permit modification documents (FDEP, USACE) in electronic PDF format. Draft and final RAI response packages and revised permit application materials (if required).

Compensation

Exhibit B provides Lump Sum compensation summary details for the works described herein.

EXHIBIT B
COST SUMMARY and DETAILS

Coastal Engineering Consulting Services Proposal
Hammock Dunes Dune Restoration Project – Permit Modification to Support the Use of an Offshore Sand Source, Flagler County, FL
(TO 2019-23)

Scope Prepared by:
Foth Infrastructure & Environment, LLC (Foth)
501 Riverside Avenue, Suite 801
Jacksonville, FL 32202
(904) 387-6114

Table B-1: Hammock Dunes Dune Restoration Project – Permit Modification to Support the Use of an Offshore Sand Source.

Hammock Dunes Dune Restoration Project – Permit Modification to Support the Use of an Offshore Sand Source					
Coastal Engineering Consulting Services					
Task	**Description**	**Foth**	**Outside Services / Subcontractors**	**Allowance**	**TOTAL (excl. Allowance)**
Lump Sum					
Task 1	Project Modification Engineering and Formulation (Temporary Stockpile)	$ 46,112.00	$ -	$ -	$ 46,112.00
Task 2	Permit Modifiction Preparation & Agency Coordination	$ 31,488.00	$ -	$ -	$ 31,488.00
Task 3	Environmental Assessment and NEPA Document Preparation	$ 9,968.00	$ 37,512.00	$ -	$ 47,480.00
Task 4	Responses to Permitting Requests for Additional Information	$ 23,904.00	$ -	$ -	$ 23,904.00
	TOTAL	**$ 111,472.00**	**$ 37,512.00**	**$ -**	**$ 148,984.00**
Allowance					
Task 5	Allowance for Biological Assessment (BA), County Reach 2 Permit Modifications for Stockpile, and Additional RAI Responses (Authorization Withheld)	$ -	$ -	**$ 75,000.00**	$ -

Details on following page…

Table B-2: Hammock Dunes Dune Restoration Project – Permit Modification to Support the Use of an Offshore Sand Source.

Task 1: Project Modification Engineering and Formulation (Temporary Stockpile) (Lump Sum)

DIRECT LABOR												EXPENSES		OUTSIDE SERVICES		TOTAL
LABOR CATEGORY	Admin / Mgmt	Engineering Analysis	Permit-Level Design	Design Memo	Scoping Meetings	Liaison QA/QC			TOTAL HOURS	RATE	COST	Item	TOTAL	Service	Cost	
Senior Client Team Leader	8	4	4	4	4	4			28	$ 278.00	$ 7,784.00					
Project Manager	8					4			12	$ 214.00	$ 2,568.00					
Coastal Engineer 4	8	8	16	16	8	8			64	$ 203.00	$ 12,992.00					
Coastal Engineer 3									0	$ 185.00	$ -					
Coastal Engineer 1		40	40	40	8				128	$ 171.00	$ 21,888.00					
CAD Technician 4									0	$ 167.00	$ -					
Acct. Analyst	8								8	$ 110.00	$ 880.00					
									Subtotal - Direct Labor		$ 46,112.00	*Subtotal - Expenses*	$ -	*Subtotal - Outside Services*	$ -	

Task 2: Permit Modification Preparation & Agency Coordination (Lump Sum)

DIRECT LABOR												EXPENSES		OUTSIDE SERVICES		TOTAL
LABOR CATEGORY	Admin / Mgmt	Permit Drawings and Applications	Agency Coordination	Liaison QA/QC					TOTAL HOURS	RATE	COST	Item	TOTAL	Service	Cost	
Senior Client Team Leader	4	4	4	4					16	$ 278.00	$ 4,448.00					
Project Manager	4								4	$ 214.00	$ 856.00					
Coastal Engineer 4		16	16	8					40	$ 203.00	$ 8,120.00					
Coastal Engineer 3									0	$ 185.00	$ -					
Coastal Engineer 1		40	24						64	$ 171.00	$ 10,944.00					
CAD Technician 4		40							40	$ 167.00	$ 6,680.00					
Acct. Analyst	4								4	$ 110.00	$ 440.00					
									Subtotal - Direct Labor		$ 31,488.00	*Subtotal - Expenses*	$ -	*Subtotal - Outside Services*	$ -	

Task 3: Environmental Assessment and NEPA Document Preparation (Lump Sum)

DIRECT LABOR												EXPENSES		OUTSIDE SERVICES		TOTAL
LABOR CATEGORY	Admin / Mgmt	Technical Support to Env. Subconsultant	Liaison QA/QC						TOTAL HOURS	RATE	COST	Item	TOTAL	Service	Cost	
Senior Client Team Leader	4	4	4						12	$ 278.00	$ 3,336.00			Coastal Eco Group	$37,512	
Project Manager	2								2	$ 214.00	$ 428.00					
Coastal Engineer 4		8	8						16	$ 203.00	$ 3,248.00					
Coastal Engineer 3									0	$ 185.00	$ -					
Coastal Engineer 1		8	8						16	$ 171.00	$ 2,736.00					
CAD Technician 4									0	$ 167.00	$ -					
Acct. Analyst	2								2	$ 110.00	$ 220.00					
									Subtotal - Direct Labor		$ 9,968.00	*Subtotal - Expenses*	$ -	*Subtotal - Outside Services*	$37,512.00	

Task 4: Responses to Permitting Requests for Additional Information (Lump Sum)

DIRECT LABOR												EXPENSES		OUTSIDE SERVICES		TOTAL
LABOR CATEGORY	Admin / Mgmt	Responses to RAI #1	Responses to RAI #2	Liaison QA/QC					TOTAL HOURS	RATE	COST	Item	TOTAL	Service	Cost	
Senior Client Team Leader	4	4	4	8					20	$ 278.00	$ 5,560.00			Coastal Eco Group		
Project Manager	2								2	$ 214.00	$ 428.00					
Coastal Engineer 4		24	8	8					40	$ 203.00	$ 8,120.00					
Coastal Engineer 3									0	$ 185.00	$ -					
Coastal Engineer 1		40	16						56	$ 171.00	$ 9,576.00					
CAD Technician 4									0	$ 167.00	$ -					
Acct. Analyst	2								2	$ 110.00	$ 220.00					
									Subtotal - Direct Labor		$ 23,904.00	*Subtotal - Expenses*	$ -	*Subtotal - Outside Services*	$ -	