

RESOLUTION 16-71

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING TASK ORDER #2016-03 TO THE MASTER SERVICES AGREEMENT WITH PANHANDLE ENGINEERING, INC. RELATING TO THE MULTI-USE TRAIL EXTENSION OF GAYLE'S TRAILS EAST PORTION, IN THE AMOUNT OF \$92,864; AND PROVIDING AN IMMEDIATELY EFFECTIVE DATE.

BE IT RESOLVED that the appropriate officers of the City are authorized but not required to execute and deliver on behalf of the City that certain Task Order #2016-3 to the Master Services Agreement between the City and Panhandle Engineering, Inc. for minor roadway professional engineering services dated January 19, 2016, relating to the design of the multi-use trail extension of Gayle's Trails east of Trieste to Breakfast Point Subdivision, in the basic amount of Ninety Two Thousand Eight Hundred Sixty Four Dollars (\$92,864), in substantially the terms set forth in the Scope of Services attached and presented to the Council today, dated April 5, 2016, with such changes, insertions or omissions as may be approved by the City Manager, whose execution of such agreement shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in regular session this 14th day of April, 2016.

CITY OF PANAMA CITY BEACH

By: 
Gayle F. Oberst, Mayor


ATTEST:


Diane Fowler, City Clerk

Memorandum

To: Mario Gisbert

CC: Holly White

From: Paul Casto 

Date: April 8, 2016

Subject: Professional Roadway, Sidewalks, and Trails Engineering
Services Task Order – Multi-Use Trail Extension of Gayle's
Trails East Portion

Panhandle Engineering, Inc. was selected to perform work under the Master Services Agreement (MSA) for roadways, sidewalks, and trails. They have been tasked with extending Gayle's Trails east of Trieste Subdivision towards Breakfast Point Subdivision. Connections will include Arnold High School, Waterfall Subdivision, and Breakfast Point Subdivision. There is an existing 10' wide concrete trail within Breakfast Point Subdivision that will eventually connect to Wildwood Road around the proposed Bay County Sports Complex. This piece of the trail is an integral part to safe connectivity for the High School and all residents from both subdivisions (See Exhibit A).

A probable cost for construction of approximately \$1,000,000 was supplied by our consultant and is included in the packet for your review (See Exhibit B). The City intends to apply for funding through the FDEP Recreation Trails Program (RTP) this April and the FDOT Sun Trail program this summer which has approximately \$25 million budgeted by the Florida Legislature. The City did receive a grant for \$75,000.00 through the RTP for a previous segment and are working very close with FDEP to try and utilize this money on the first phase if possible. We have been notified that FDEP staff members are discussing with their supervisor's the possibility of transferring the funds even though this segment is in a different location.

Staff requested and has received a proposed task order number 2016-03 (See Exhibit C w/ attachments) for work under the Masters Services Agreement (MSA) with Panhandle Engineering, Inc. to provide the tasks necessary to design construction plans including: surveying, environmental (wetland delineation and permitting), geotechnical, and easement coordination. Engineering design costs will not exceed the recommended

USDA 7.2% in the amount of \$71,714. Total cost for this task order is \$92,864. Staff is requesting that the proposed design fees will be paid for the entire length of the trail from Trieste Subdivision east headed to Breakfast Point Subdivision to be shovel ready for any future funding that will become available in this year and the next. The construction of the trail will be divided into 3 phases. The first phase of construction will consist of the 10' wide wooden boardwalk that connects Arnold High School with Breakfast Point Subdivision. The anticipated construction cost of phase 1 is approximately \$400,000 and funds are available in the recreation budget for both design and construction for this year.

Staff recommends approval of this task order for engineering services in the amount of \$92,864 and has sufficient funds in this fiscal year recreation budget.

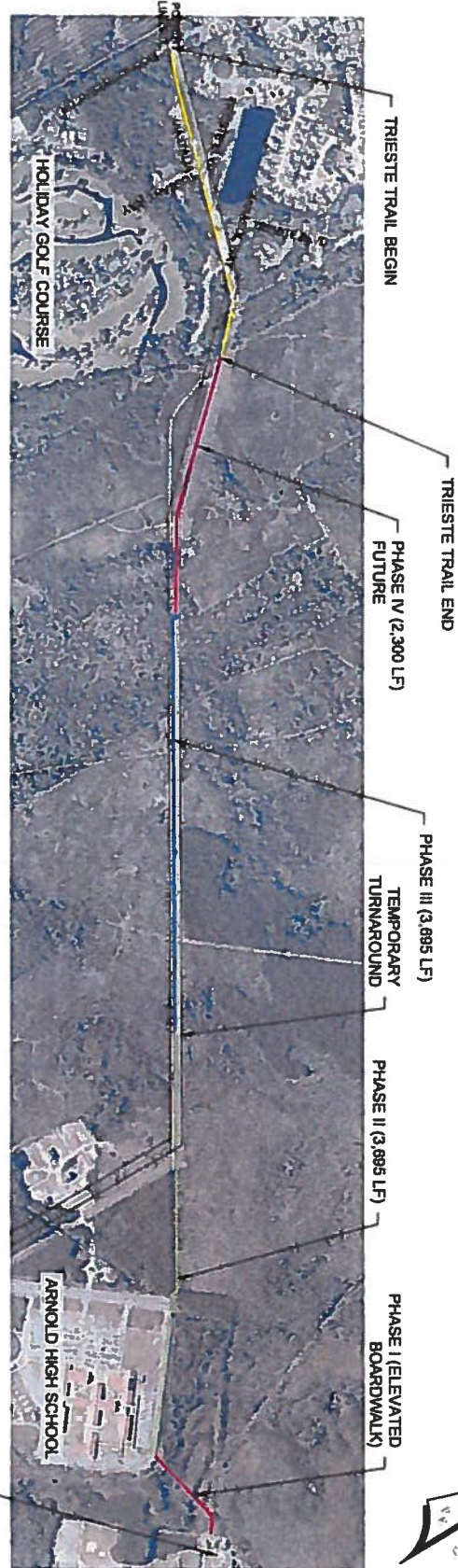
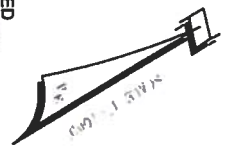


EXHIBIT A



Scale: 1/8\"/>

DPR CERTIFICATION #EB-7906

1	<p>PHASING PLAN PANAMA CITY BEACH MULTI-USE TRAIL - EAST GAYLE'S TRAILS PANAMA CITY BEACH, BAY COUNTY, FLORIDA</p>	<p>PANHANDLE ENGINEERING, INC. ENVIRONMENTAL ENGINEERS • CIVIL ENGINEERS • LAND PLANNERS 3005 Beach Highway 77 Lynn Haven, Florida 32444 (850)763-6200 Fax 252-763-8730 info@panhandleengineering.com</p>	CAD FILE: 12046-PHASING P
	DWN BY: CAK		
	DATE: MARCH 2018		
	SHEET NO: 1 OF		
		<p>PROJECT NUMBER 12046</p>	

EXHIBIT B

PCB Multiuse Path East (Gayle's Trails) - Panhandle Engineering Project No. 12046

DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
GENERAL				
Mobilization (3% of Bid Max)	1	LS	\$ 27,185.73	\$ 27,185.73
Bonds and Insurance (0.5% of Bid Max)	1	LS	\$ 4,530.98	\$ 4,530.98
Maintenance of Traffic (2% of Bid Max)	1	LS	\$ 18,123.82	\$ 18,123.82
Stakeout and as-builts	1	LS	\$ 9,000.00	\$ 9,000.00
Testing	1	LS	\$ 7,000.00	\$ 7,000.00
Erosion Control/Hay Bales	8000	LF	\$ 3.00	\$ 24,000.00
				\$ 89,840.51
12ft Wide Multiuse Path - 8,350 ft in length (1.58 miles)				
Clearing and Grubbing	1	LS	\$ 25,000.00	\$ 25,000.00
Import fill hauled and placed	10000	CU YDS	\$ 5.50	\$ 55,000.00
Earthwork	8000	CU YDS	\$ 3.00	\$ 24,000.00
12' wide Asphalt 1.5" SP 9.5 w' 6" limerock base	9,855	SQ YD	\$ 22.00	\$ 218,810.00
Demolition of Existing Fence	1,500	LF	\$ 2.00	\$ 3,000.00
New 6 ft Fence at Arnold High School	1,500	LF	\$ 12.00	\$ 18,000.00
FDOT Guiderail	1	LS	\$ 30,000.00	\$ 30,000.00
Elevated Wood Trail	960	LF	\$ 350.00	\$ 338,000.00
Miscellaneous Stormwater Piping	1	LS	\$ 55,000.00	\$ 55,000.00
Signage and Striping	1	LS	\$ 40,000.00	\$ 40,000.00
Sod	4,000	SY	\$ 4.00	\$ 16,000.00
Seed and Mulch	5,000	SY	\$ 1.00	\$ 5,000.00
				\$ 823,810.00
10% CONTENGENCIES				\$ 82,381.00
				\$ 906,191.00

TOTAL \$ 996,031.51

- Does not include R/W acquisition.

- The preceding opinions of probable costs have been compiled based on aerial photography, conceptual level sketches and a general knowledge of construction costs at this time.

- Engineer has no control over materials and labor costs, contractor's mean and methods, and cannot guarantee that the opinions expressed in this OPC will not differ from actual construction costs. Additional costs are possible.

EXHIBIT C
COMBINED TASK ORDER AND
NOTICE TO PROCEED

TASK ORDER NO. 2016-03

DATE April, 2016

Reference is made to that certain MASTER SERVICES AGREEMENT BETWEEN CITY OF PANAMA CITY BEACH AND **Panhandle Engineering, Inc.** RELATING TO MINOR ROADWAY PROFESSIONAL ENGINEERING SERVICES dated January 19 2016, (the "Agreement"), the terms, conditions and definitions of which are incorporated herein as if set forth in full. Neither party is in breach of the Agreement.

Pursuant to the Agreement, Engineer agrees to perform the specific tasks set forth upon incorporated **Exhibit C Attachments, Scope of Services**, relating to the **Multi-Use Trail Extension of Gayle's Trails East Portion**.

Engineer's total compensation shall be (check one):

- a stipulated sum of \$ \$92,864.00; or
 a stipulated sum of \$ _____ plus one or more specified allowances listed below which may be authorized in writing by the City Manager or his designee,
Allowance of \$ _____ for _____, and
Allowance of \$ _____ for _____; or
 a fee determined on a time-involved basis at the rates set forth upon incorporated **Attachment C, Hourly Fee Breakdown (if applicable)**, with a maximum cost of \$ _____;

and shall be paid in monthly installments as specified in the Agreement.

Work shall begin on _____, 2016, and shall be completed within one calendar year. The date of completion of all work is therefore _____, 201____. Liquidated delay damages, if any, are set at the rate of \$0 per day. There are no additional rights and obligations related to this Task Order other than as specified in the Agreement.

Upon execution of this task order by both Engineer and City, Engineer is directed to proceed.

IN WITNESS WHEREOF the parties have caused these presents to be executed in their names on the date shown.

Witness:

Panhandle Engineering, Inc.

By: _____ Date: _____
Its:

ATTEST:

CITY OF PANAMA CITY BEACH, FLA.

City Clerk

By: _____ Date: _____
City Manager

April 5, 2016

Via e-mail

Ms. Kathy Younce, Project Manager
City of Panama City Beach
110 South Arnold Road
Panama City Beach, FL 32413

RE: PCB – Multiuse Trail East Gayle's Trails
Task Order 2016-03
PE File #12046

Dear Ms. Younce:

Thank you for the opportunity for Panhandle Engineering, Inc. (PE) to provide professional services to the City of Panama City Beach. It is our understanding that the City has available funds to design a 12ft wide multiuse path from east of Trieste to Breakfast Point (approx. 8,350 LF, 1.58 miles). We have prepared a conceptual plan for the proposed route which is attached to this proposal.

Based on our conceptual plan, visits to the site, and multiple meetings with City staff / Bay District Schools, we have prepared a pre-design opinion of probable cost for construction, to be **\$996,031**, which includes contingencies.

As you know, we will be applying for construction funds through the FDEP Trails Program this April and the FDOT Sun Trail program this summer which has approximately **\$25M** budgeted by the Florida Legislature. This funding will be used to augment the City's current impact fee funds which are available and are approximately **\$465,000**. We have also been in close contact with FDEP regarding their availability of funds for this project since the City did not use the **\$75,000** grant from the Trieste Trail segment.

The attached Task Order describes our proposed scope of work for design, plan preparation, and permitting. The proposed lump sum fee is **\$92,864**, which is in line with the USA Rural Development fee curve for the design portion. Based on funding, we may need to bid this project in three (3) phases. We will not begin the design until all easements needed for the route are secured from the St. Joe Company, Bay District Schools, and Mr. Sammy Chavers.

Thank you for the opportunity to provide services to the City. If this proposal is acceptable to the City Council, please provide us the City's Standard Task Order.

If you have any questions, please give me a call at 850.596.1235

Best Regards,
PANHANDLE ENGINEERING, INC.


Chris Forehand, PE
Vice President

Cc: Ms. Kelly Jenkins, PE, City Engineer, City of Panama City Beach
Mr. Paul Casto, Public Works Director, City of Panama City Beach
Mr. Jim Slonina, P.E., President, Panhandle Engineering, Inc.

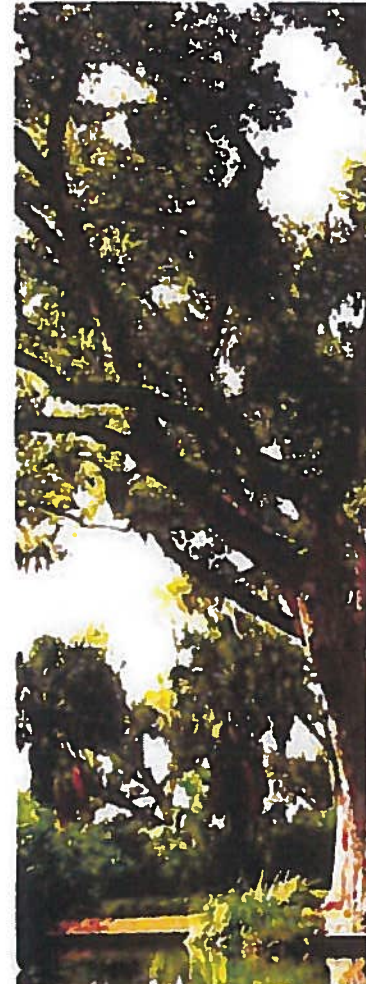
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www.panhandleengineering.com

EXHIBIT C ATTACHMENTS



PANHANDLE
ENGINEERING, INC



civil engineers
environmental
land planning
roads + bridges
stormwater
water + wastewater

PANHANDLE ENGINEERING, INC.
3005 Lynn Haven Parkway
Lynn Haven, FL 32448
P 850 763 5200
F 850 763 0739



CITY OF PANAMA CITY BEACH
MULTIUSE TRAIL EAST - GAYLE'S TRAILS
PE FILE NO.12046
TASK ORDER 2016-03

This Task Order is for the purpose of *Panhandle Engineering, Inc. (PE)* as the Engineer to provide professional services for the Multiuse Trail East / Gayle's Trails to the *City of Panama City Beach (City)* acting by and through its Council. PE has developed the following scope of services and associated fee schedule. The surveying will be sub-contracted to Preble-Rish, Inc. (PRI). The environmental services will be subcontracted to Ecological Resource Consultants, Inc. (ERC). The geotechnical services will be subcontracted to Magnum Engineering (ME).

DESCRIPTION SCOPE OF SERVICES:

SURVEYING **\$9,950**

The survey will consist of topographical information with one foot contours to include cross sections at 100 foot intervals (50ft in width) from east of Trieste to Breakfast Point as shown on the attached preliminary plan (approximately 3,600ft). The other portion was previously surveyed. The total length of the route is 8,350LF. The survey will also include all improvements at the end of Arnold Road and the improvements at Arnold High School. PE will provide legal sketches and descriptions for all easements needed along the route, which include, St. Joe property and Arnold High School property (including conservation easements). PRI will perform all surveying work and will be a sub-consultant to PE.

ENVIRONMENTAL **\$9,400**

*See attached proposal from ERC. ERC will perform all necessary environmental work and will be a sub-consultant to PE.

GEOTECHNICAL **\$1,800**

Perform ten (10) 5 foot deep hand auger borings in the proposed trail. Provide engineering evaluation and report to include groundwater levels, estimated seasonal high groundwater date, site/soil preparation recommendations and pavement recommendations. ME will performs all geotechnical work and will be sub-consultant to PE.

DESIGN AND PREPARATION OF CONSTRUCTION PLANS **\$71,714**

A. Multiuse Trail Design – \$67,214

Panhandle Engineering, Inc. (PE) will provide design to meet minimum requirements of FDOT and City standards to include slope design, crossings where applicable, appropriate signage as applicable, and minimal surface drainage where needed. It is anticipated that asphalt will be the surface utilized in all upland areas and elevated wood system in all conservation and high quality wetland areas.

1. Design of the multiuse trail will be based on the Florida Green Book, FDOT Design Standards, MUTCD, and ADA.
2. PE will provide all dredge and fill permit drawings to ERC for permitting.
3. PE will provide details for pavement, elevated wood structures, slope stabilization, erosion control, staging, and technical specifications.
4. PE will provide construction plans with the details for bidding.
5. PE will provide technical specifications and bid/contract documents for bidding.

B. Meetings - \$4,500

PE will attend meetings with the City as required to efficiently complete the services required under this scope of work.

1. Kick-off meeting with City Staff.
2. Preliminary layout meeting at 30% to evaluate options for trail placement and material to be used.
3. 60% review meeting with City Staff.
4. 90% construction plan review meeting with City Staff.

EASEMENT COORDINATION \$7,500 (BILLED HOURLY)

The proposed route is within the Gulf Power Right-of-Way, Bay District School property, St. Joe property, and property owned by Mr. Sammy Chavers. Each entity will require coordination, meetings, sketches, and assistance with preparation of documents to obtain use agreement easements to place the trail on their property. We propose to bill hourly for these services not to exceed the **\$7,500**. Based on our past experience with some of these entities, this coordination effort can be time consuming.

EXCLUSIONS

1. All agency permit application fees.
2. Electrical, cable, telephone, gas, water sewer, or other communication utility design/relocation.
3. Advertisement Fees.
4. Copies of Plans for Bidding – PE will charge bidders/plan holders for copies as applicable.
5. Stormwater Attenuation Design/Permitting.
6. Surveying not described within this task order.
7. Bidding or construction oversight/inspection.

PROPOSED FEE SCHEDULE

Professional Services Fees

A. Surveying	\$9,950
B. Environmental	\$9,400
C. Geotechnical	\$1,800
D. Engineering/Design	\$71,714
E. Easement Coordination	<u>\$7,500</u>
Total	\$92,864

Panhandle Engineering, Inc.
3005 US Hwy 77
Lynn Haven, FL 32444

By:  _____

Name: Chris Forehand, PE.

Title: Vice President

City of Panama City Beach, Florida
110 S. Arnold Road
Panama City Beach, FL 32413

By: _____

Name: Mario Gisbert

Title: City Manager

Witnessed: _____

Date: _____

Ecological Resource Consultants, Inc.

CORPORATE OFFICE

Panama City Beach

tel 850 230 1882 • fax 850 230 1883

100 Amer Place • Panama City Beach, FL 32413

Tallahassee

tel 850 224 8041 • fax 850 224 8017

631 East 6th Avenue • Tallahassee, FL 32303

Proposal / Professional Services Contract

Project Site: Gayle's Trails Multi-Use Trail Extension to Breakfast Point

Project Number: 16-122

PE File No. 19046

Client: Mr. Chris Forehand
Panhandle Engineering, Inc.
3005 Lynn Haven Parkway
Lynn Haven, Florida 32444

Date: February 29, 2016

SUMMARY

Ecological Resource Consultants, Inc. (ERC) proposes to conduct a wetland delineation, preliminary Threatened Endangered Species assessment, and Environmental Resource Permitting for an Army Corps of Engineers Nationwide and Northwest Florida Water Management District permit for an 8,350 linear foot section of Gayle's Trails in Bay County, FL. The project will stretch from a location east of Trieste development to the Breakfast Point School.

Upon receipt of ERC delineation maps, the delineation lines will be surveyed promptly (while delineation markers are still intact). A professional survey of the flagged wetland line is included in this proposal. Project engineer will provide all 8 1/2 x 11 permit drawings. ERC will provide all other ecological permit exhibits required by the permit application.

- Wetland delineation will reflect the *current* conditions on site. Certain activities (e.g., burning, mowing, construction, and other disturbances to the landscape) can alter site conditions and, over time, may also effect shifts in delineation lines.



ITEMIZED SERVICES DESCRIPTION

The following sections outline in detail the specific services required to complete the requested wetland delineation and permitting process. They are followed by a proposed itemized list of services and associated costs.

1. Ecological Resource Investigative Services

1a. Wetland Delineation

ERC will delineate the regulated jurisdictional wetland habitats located on the project site. Methodologies implemented will be consistent with the Florida Administrative Code and USACOE 1987 Manual with regard to the on-site soil, vegetative and hydrological indices used to evaluate the wetland jurisdiction of the ecosystems. Reference data will include NRCS/SCS soil surveys, NWI layers, historical aerial photography, and color infrared (CIR) aerial photography. The regulating agencies must make the final jurisdictional determinations.

* The FDEP and Corps make individual jurisdictional determinations of wetland boundaries; however, our experience has shown that the FDEP and Corps regulated boundaries will be consistent throughout the majority of the property. Therefore, unless otherwise noted, the Corps jurisdictional boundary will be delineated in the field. The FDEP jurisdictional boundary may be re-evaluated within the areas of proposed impact after these areas have been defined.

1b. Preliminary Threatened and Endangered Species Survey

ERC will perform a survey of protected species of plants and animals pursuant to federal, state, and county regulations and requirements. Applicable regulations and programs include Section 404 of the Clean Water Act, the state Environmental Resource Permitting Program, the U.S. Endangered Species Act, the Florida Statutes (F.S.), the Florida Administrative Code (F.A.C.), the Bay County Comprehensive Plan (1991), and the Bay County Land Development Regulations (2004). Protected species to be surveyed will include animal (including Gopher tortoise, but excluding other reptiles and amphibians) and plant species listed as Endangered, Threatened, or Species of Special Concern under federal and state statutes. Methodology includes a review of Florida Natural Areas Inventory (FNAI) data and a field survey of potential plant and animal species, which consists of taxonomically identifying plant species and documenting potential habitat and indications of animal species (with the exceptions noted above). *If indicators of certain species are present, an additional comprehensive inventory may be required.* Documented occurrences of listed species on the project site will be mapped.

2. Permitting Services

2a. Joint Application for Environmental Resource and Federal Dredge and Fill Permitting/ Attachments

ERC will complete the Environmental Resource Permit application and associated information package.

Gayle's Trails Multi-Use Trail Extension to Breakfast Point – ERC #16-122

ERC will also complete the Federal Dredge and Fill Permit application, with the addition of supplemental information and multiple attachments to expedite permitting. Information on marketing, location, history, and other factors that influence or constrain the nature, size, price class, and other characteristics of the project must be discussed. Further, the project site and site plan must be substantially justified, and appropriate mitigation must be proposed and justified, if necessary. Finally, consistent communication and meetings with appropriate individuals in the regulatory agencies are also keys to the timely and efficient processing of the application.

2b. Alternative Site Analysis Package

The Corps requires an alternative site analysis as a component of their permitting review process. Since unnecessary loss or alteration of wetlands is considered contrary to the public interest, the analysis must clearly and fully show that the proposed site (and site plan) is the least environmentally damaging in comparison to any practicable alternative. This analysis is described by the mitigation policies in the Corps permit regulations at 33 CFR 320.4(r), and by the guidelines in the Environmental Protection Agency (EPA) regulations at 40 CFR 230. *Avoidance* and *minimization* of wetland impacts will be demonstrated as follows:

a) Avoidance of Wetland Impacts

ERC will conduct an alternative site analysis for up to five alternative sites to determine whether the proposed project site is the least environmentally damaging in comparison to any practicable alternative. Moreover, it must be demonstrated that the project could not be changed to a non-wetland location. Alternative sites for development will be identified in the vicinity of the proposed project site, and a report (including GIS maps) will be generated to provide site selection criteria, to define the geographic limits to the alternative site search, and to describe a method for rating and comparatively weighing each site. Elimination of alternative sites may be based on many parameters, including but not limited to wetland acreage, habitat quality, land use designation, availability for acquisition, market price, and future development plans. These must demonstrate that the project site is the only viable and practicable alternative for construction of the project in order to justify the proposed filling of regulated wetland habitat.

b) Minimization of Wetland Impacts

ERC will provide a narrative to justify the current site plan, and demonstrate that the quantity of fill proposed is the minimum amount practicable. Supporting materials may include alternative site plans and a method to estimate the environmental consequences of each alternative plan.

2c. Public Interest Review

ERC will provide information and documentation concerning the proposed project's anticipated impact on factors relevant to the public interest (i.e., conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion, shore accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, and considerations of property rights). The public interest review is evaluated by the regulatory agencies, and is an important component of the processing of dredge and fill permits. A copy of the information will be provided electronically to the permitting processors.

2d. Corps Public Notice Draft

After submission of the permit, the Corps produces a “public notice,” which is available for a period of 30 days. ERC will write and provide an electronic draft of this document to the Corps. This is not required by the Corps; however, it has been our experience that it greatly expedites the permitting process.

2e. Responses to Comments/Objections from Public Notice Period

ERC will review all comments and objections, and provide a written rebuttal in response to each, including all necessary supporting materials and/or maps. Comments and letters of objection are received by the Corps during the public notice period, and forwarded to the agent (ERC) for response.

2f. Response to Request for Additional Information

ERC will review and respond to all requests for additional information (RAI) forwarded by the Corps & FDEP/NWFWM. Commenting agencies will submit comments and RAI's through the Corps and FDEP to the agent (ERC). The outcome of permitting action is often determined by adequate responses to these requests, and is contingent upon additional detailed information provided to the regulatory agencies. It may be necessary to further justify the project by demonstrating site selection, showing minimization and avoidance of impacts, and/or defending the proposed compensatory mitigation. Modification of development plans and proposed mitigation plans may be required to satisfy the regulatory agencies.

2g. UMAM Analysis

ERC will use the Uniform Mitigation Assessment Methodology (UMAM) to quantify and assess the ecological function of wetlands, and other surface waters, as well as to determine the mitigation needed for proposed impacts. The Corps and FDEP/NWFWM require this functional assessment procedure to determine whether the proposed mitigation is adequate to offset the impact that would result from project implementation. The method quantifies impacts and mitigation benefits in a numerical formula to assess whether suitable compensatory mitigation, or appropriate “lift,” has been achieved. ERC will use the UMAM on both the impact and mitigation sites. This will require field investigations and spatial (digital) analysis to analyze wildlife utilization, resource quality, tree cover (canopy), ground cover (vegetation), site buffers (adjacent land uses), hydrology, and water quality.

2h. Evaluation of Mitigation Sites

Mitigation for unavoidable impacts for the Trail Construction will be accomplished through a credit purchase from the Breakfast Point mitigation bank. If additional offset is required to mitigate crossing of a conservation easement at Breakfast Point School, ERC provides services ranging from locating potential compensatory mitigation sites to evaluation of potential mitigation locations provided by the client. Such assessments of potential mitigation areas are required prior to regulatory approval and potential modification of the Conservation Easement. Mitigation may be located on site (same site as impact), off site (within the same general area or watershed as impact), or may be accomplished through purchase of mitigation bank credits, subject to agency approval.

2i. Corps Statement of Findings

Prior to permit issuance, the Corps representative prepares a statement of findings (ASOF) for the project. This statement justifies the final agency action and summarizes the review process. If

Gayle's Trails Multi-Use Trail Extension to Breakfast Point – ERC #16-122

necessary, ERC will write a draft of this ASOF for the particular Corps representative reviewing the application. It is our experience that this is appreciated by some Corps regulators, and can facilitate the application process.

3. Survey of Wetland Lines

3a. Wetland Survey

ERC delineated wetland lines will be surveyed by a professional wetland surveyor so that they can be depicted appropriately on the project drawings. The wetland survey will be signed and sealed by a professional surveyor registered in Florida and the survey data will be projected in state plane and will be presented in DWG format.

4. Executive and Technical Services

4a. Telecommunication / Planning / Meetings

ERC will attend meetings and communicate consistently with the client, agencies and development team members throughout the permitting and review process. Meetings may address planning efforts and/or preliminary site assessments. Further, pre-application meetings will be conducted with the regulatory agencies to address potential concerns, and assess the degree of difficulty in obtaining environmental permits for the project. Consultation among the development team (environmental consultant, professional engineer, and representative of the client) will be essential throughout this process to address questions raised by the regulatory agencies, and to expedite permitting as required by the regulatory agencies.

4b. GIS Analysis / Map Production

ERC will map all habitat and site analyses using ESRI GIS / ArcView software. Unless otherwise noted, base maps for all GIS mapping are true color, black and white, or color infrared aerial photography.

Direct Expenses

Some required materials and submissions carry specific costs, as set by the agency or providing entity. These required materials and submissions are: FDEP/NWFWMD Permit Application Fee, Corps Permit Processing Fee, and fees associated with publication of the Notice of Application and the Notice of Intent to Issue, and recording of the Conservation Easement documents. *The permit fees and agency required materials (Notice of Application and the Notice of Intent to Issue) are not included in this proposal.*

Gayle's Trails Multi-Use Trail Extension to Breakfast Point – ERC #16-122

Itemized Cost for Scope of Services:

1. **Ecological Resource Investigative Services**
 - 1a. Wetland Delineation
 - 1b. Preliminary Threatened and Endangered Species Survey 1,550

2. **Permitting Services**
 - 2a. Joint Application for Environmental Resource and Federal Dredge and Fill Permitting/Attachments
 - 2b. Alternative Site Analysis Package
 - 2c. Public Interest Review
 - 2d. Corps Public Notice Draft
 - 2e. Responses to Comments/Objections from Public Notice Period
 - 2f. Response to Request for Additional Information
 - 2g. UMAM Analysis
 - 2h. Evaluation of Mitigation Sites
 - 2i. Corps Statement of Findings 4,550

3. **Survey of Wetland Lines**
 - 3a. Wetland Survey 1,500

4. **Executive and Technical Services**
 - 4a. Telecommunication / Planning / Meetings
 - 4b. GIS / Map Production 1,800

Lump Sum Fee: \$9,400

CLIENT'S NAME: _____ DATE: _____

CLIENT'S SIGNATURE: _____

Signature of this proposal constitutes a contract for the referenced professional services. The client will be invoiced on a monthly basis as the work is completed. The total invoice for the services will not exceed the quoted costs in this contract without authorization from the client. Payment is expected within 30 days of the invoice date. Interest will be charged on the unpaid balance at a rate of 1.5 % per month. In the event that the client defaults on this contract, the client agrees to pay attorney's fees and the cost of collection. This proposal is valid for 60 days.