

RESOLUTION 19-76

A RESOLUTION OF THE CITY OF PANAMA CITY BEACH, FLORIDA, APPROVING A TASK ORDER WITH DEWBERRY ENGINEERS, INC. FOR ENGINEERING DESIGN, SURVEY, PERMITTING AND CONSTRUCTION MANAGEMENT SERVICES FOR A SEGMENT OF ALF COLEMAN ROAD IN AN AMOUNT OF \$157,897.50.

BE IT RESOLVED by the City Council of the City of Panama City Beach that the appropriate officers of the City are authorized to accept and deliver on behalf of the City that certain Task Order 2019-03 to the June 28, 2018 Master Services Agreement between the City and Dewberry Engineers, Inc., relating to the engineering design, survey, permitting and construction management services for a segment of Alf Coleman Road, in an amount of One Hundred Fifty-Seven Thousand, Eight Hundred Ninety-Seven Dollars and Fifty Cents (\$157,897.50), in substantially the form attached and presented to the Council today, with such changes, insertions or omissions as may be approved by the City Manager and whose execution shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

PASSED in special session this 11th day of April, 2019.

CITY OF PANAMA CITY BEACH

By: _____

Mike Thomas, Mayor

ATTEST:

Mary Jan Bossert
Mary Jan Bossert, City Clerk

**CITY OF PANAMA CITY BEACH
MASTER SERVICES AGREEMENT
Professional Engineering Design, Survey, Permitting and Construction Administration Services for Front
Beach Road Community Redevelopment Plan Project**

TASK ORDER 2019-03

This Task Order is for the purpose of Dewberry Engineers, Inc. as the Engineer to provide professional services for the **Alf Coleman Road from SR 392A (Middle Beach Road) to SR 30A/US 98 (Back Beach Road)** to the City of Panama City Beach (City) acting by and through its Council. This scope of services is to design and prepare contract documents for raising the profile grade for a portion of approximately 2,200 LF of Alf Coleman Road between SR 392A (Middle Beach Road) to SR 30A/US 98 (Back Beach Road). The improvements consist of the following items, which were identified by City of Panama City Beach staff.

- Design to raise roadway centerline approximately 2.5 FT between the vicinity of Emerald Beach Church of Christ driveway to north of CVS driveway (approximately 2,200 LF)
- Include replacement of the two existing cross drains that may be currently under-sized (modeling and pipe size analysis to be provided by Gemini Engineering and Sciences, Inc.)
- Provide alternative analysis and cost estimating for both closed and open conveyance for roadway and offsite drainage systems
- Design of a floodplain compensation pond (located on City property adjacent to roadway corridor)
- Provide necessary geotechnical testing and evaluation for roadway, cross drains and pond design

Dewberry Engineers, Inc. understands the City is requesting professional services to complete the survey and design requirements of the above referenced project. In addition, consultant shall provide the Plans and Specifications Package necessary to construct this project as a "goes with" to FDOT's sidewalk and lighting project. It is anticipated construction will be procured through a Class 4 contract (LAP Agency constructing the project has yet to determined).

SCOPE OF SERVICES AND FEE SCHEDULE

1.0 PROJECT GENERAL AND COMMON TASKS

1. Provide project oversight and coordination between the design team and plans review submittals with the City of Panama City Beach, Department Project Manager, District Safety Manager and the District Design Office.
2. Two Field reviews will be conducted; one initial review and one prior to the final plans submitted.
3. Public involvement efforts have not been included in this task and scope of services.
4. Coordination with design team and sub consultants through the project survey and design phase
5. Provide monthly updates to City staff to discuss milestone reviews and project updates.

2.0 ROADWAY ANALYSIS

1. Design and preparation of contract plans and documents for adjusting the profile grade of Alf Coleman Road for approximately 2,200 LF.
2. Improvements will consist of roadway reconstruction, front and backslope modifications, the potential inclusion of gravity walls, curb and gutter and sidewalk modifications.
3. Analysis of guardrail to be included in areas to avoid and minimize potential wetland impacts.
4. Temporary Traffic Control Plans (TTCP) will be developed as part of this task and will likely result in a road closure and detour.
5. Access to businesses will be maintained at all times and any necessary plans or onsite diversions will be included in the TTCP.
6. Other roadway analysis scope items include field review, cost estimates, coordination, QA/QC and meetings as needed.

3.0 SURVEY

1. Surveying services will be performed under this task to obtain additional topographic information for the City owned parcel to be utilized as flood plain compensation.
2. No boundary survey or title searches are included as part of this work effort.
3. Topographic information shall be used to supplement existing survey data.

4.0 DRAINAGE ANALYSIS

1. Majority of the project lies with FEMA Flood Zone AE (Elevation = 16') and it is assumed that "cup for cup" floodplain compensation will be required for any impacts to floodplain volume. Its anticipated roadway and offsite drainage conveyance will be captured by either open or closed conveyance depending on initial design and cost analysis.
2. Drainage will be conveyed to a new floodplain compensation facility located on City property. It is not the intent of this facility to provide any water quality treatment and to provide only floodplain compensation. Work under this task includes the design and analysis of the roadway conveyance to accommodate profile adjustment, design of the floodplain compensation pond (cup for cup analysis) and any inlet or spread capacity analysis that may be required.
3. Upgrades to the existing cross drains and sizing information are to be designed by Gemini Engineering and Sciences, Inc. Hydraulic calculations, model results and narratives needed for the sizing of the pipes is to be delivered signed and sealed by a Professional Engineer registered in the State of Florida and will likely be included in subsequent permit documents. Additionally, Dewberry will utilize Gemini Engineering and Sciences, Inc. to update the regional model for this basin and provide any necessary data to assist with permitting.
4. Other drainage scope items include field review, coordination, QA/QC and meetings.

5.0 UTILITIES

1. Work under this task includes efforts to coordinate with City of Panama City Utilities regarding all utility projects in the project area and avoid potential utility conflicts as a result of the roadway and sidewalk work performed under this task order.
2. Other utility scope items includes coordination with City staff, other consultants and contractors as needed.

6.0 ENVIRONMENTAL PERMITTING

1. Work performed under this task will include coordination and permitting for the anticipated roadway and sidewalk improvements. It is anticipated that dredge and fill permitting will be required along with a NFWFMD Environmental Resource Program (ERP) or Noticed General Permit.

7.0 SIGNING AND PAVEMENT MARKING ANALYSIS

1. Work performed under this task will include the design, details, and quantities associated with signing and pavement markings for this project and will be provided in the Roadway Plans. No component Signing and Marking Plans will be provided.
2. Other signing and pavement marking scope items include field review, coordination, QA/QC and meetings.

8.0 GEOTECHNICAL SERVICES

1. Work performed under this task will include the geotechnical analysis and deliverables for analyzing the additional loading from profile grade changes to the existing roadway soils. In addition, this task will include the geotechnical analysis and deliverables for the two (2) proposed culvert replacements. The following scope of services is proposed for this effort
 - a) Installation of 2-20 feet deep SPT soil boring in the roadway
 - b) Laboratory testing to identify soil composition and soil strength properties
2. Submittal of a Geotechnical Report including:
 - a) Results of the field investigation;
 - b) Results of the laboratory testing;
 - c) Construction considerations.
3. Other geotechnical scope items include field work, lab testing, coordination, QA/QC and meetings.

9.0 CONTRACT DOCUMENTS

1. The contract documents are anticipated to include the following and shall be prepared according to the FDOT Design Manual, Standard Plans, Highway Safety Manual and the MUTCD:
 - a) Roadway Plans
 - b) Specifications Package

10.0 DELIVERABLES

1. The consultant shall provide the following deliverables associated with the Task Order:
 - a) 60% plans and cost estimate for review, comment and approval.
 - b) 90% plans and cost estimate for review, comment and approval.
 - c) 100% plans and cost estimate for review, comment and approval.
 - d) Final plans, Specifications and cost estimate for review comment and final approval.
2. The consultants work estimate and fee proposal shall include the time required for completion of the project. Construction plans will be prepared in English Units.

EXCLUSIONS

1. Permit application fees (state and federal agencies)
2. Construction Engineering Inspection Services (CEI)
3. Legal review services for right of way acquisition
4. Pavement Design (City or Designee)
5. Wetlands Mitigation (If Required)
6. Obtaining any Temporary Construction Easements or Rights of Entry (City or Designee)

FEE ESTIMATE

Professional Services Fees	<u>\$157,897.50</u>
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IN WITNESS WHEREOF, the parties hereto have caused this Task Order to be executed by their undersigned officials as duly authorized.

Dewberry Engineers, Inc.
203 Aberdeen Parkway
Panama City, Florida 32405

CITY OF PANAMA CITY BEACH, FLORIDA
110 S. Arnold Road
Panama City Beach, Florida 32413

By: _____

By: _____

Name: Clifford D. Wilson III, PE.

Name: Mario Gisbert

Title: Vice President

Title: City Manager

Witnessed: _____

Witnessed: _____

Date: _____

Date: _____