



# Board of County Commissioners Escambia County, Florida

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Date: April 18, 2022  
From: Office of Purchasing  
To: All Known Prospective Bidders  
RE: PD 21-22.047 Eleven Mile Creek Basin Stormwater Pond Acquisition and  
Rehabilitation Master Plan  
Addendum 1  
Solicitation Identification Number PD 21-22.047

This notice is to provide for Acknowledgement of Addendum 1.

1. The Scope of Work contained on the Solicitation was incorrect. **Attached see the Updated Scope of Work.**
2. Codes have been Added to the GSA Codes Section listed on the Solicitation. **Attached see GSA Codes Add-Ons List.**

This Addendum Number 1 is furnished to all known prospective Bidders. Please sign and return one copy of this Addendum, with original signature, with your bid as an acknowledgement of you having received same. You may photocopy for your record

Sincerely,

Roxanne Carrero  
Purchasing Coordinator

Acknowledgement of Receipt of Addendum 1:

SIGNED: \_\_\_\_\_

COMPANY: \_\_\_\_\_



## Design & Engineering Services for Eleven Mile Creek Basin Stormwater Ponds – Due Diligence

### 1. PURPOSE

Escambia County request Letters of Interest from qualified firms for design and engineering services for the Eleven Mile Creek - Pond Acquisition. Funding for planning, design and acquisition has been secured through the Escambia County RESTORE Direct Component allocation (Pot 1). Services should address the following project objectives:

- **Desktop Review:** Previous storm water master plan studies of the Eleven Mile Creek Basin area have identified locations recommended for pond sites that could effectively attenuate flows to reduce flooding and improve water quality within the area. A desktop review of these reports is needed to determine if pond sites in the report are still available and would meet project goals. Information on these studies is shown below.

| Name   | Company                             | Date           |
|--|-------------------------------------|----------------|
| Eleven Mile Creek Drainage Study and Preliminary Cost Analysis | Carlan-Killam Consulting Group, Inc | August 1999    |
| ICPR modeling of Eleven Mile Creek Watershed                   | Hatch Mott McDonald                 | May 2008       |
| Eleven Mile Creek Basin Due Diligence Report                   | Mott McDonald                       | September 2017 |

- **Pond Acquisition Master Plan:** Pond sites in the watershed need to be identified that will increase flood protection for public and private infrastructure by increasing floodplain storage. Ranking criteria needs to be developed and a final ranking map generated.
- **Stormwater Pond Rehabilitation/Enhancement Master Plan:** Identify County owned stormwater ponds in the watershed to determine if any of the ponds could be retrofitted to provide attenuation of the runoff from a 100-year critical duration event, up to and including 24-hour duration or exceed these criteria. Rehabilitation or enhanced stormwater ponds are expected to reduce downstream flow rates, improve water quality, reduce erosion velocities, and be incorporated as a floodplain reduction or storage area. Low impact design and new technology Best Management Practices (BMP) should be utilized. Ranking criteria needs to be developed and a final ranking map generated.
- **Design Services:** Design, permitting and limited construction oversight services for one or more ponds and associated drainage conveyance systems will be needed. This will be an optional Phase 2 service based upon ranking criteria mentioned above.

### 2. GENERAL INFORMATION

Escambia County selected the Eleven Mile Creek Regional Basin Stormwater Ponds project as one of the ten initial projects to fund with Escambia County's RESTORE Direct Component (Pot 1) allocation. This project will eventually plan and design fourteen regional stormwater ponds in the Eleven Mile Creek basin that will provide flood attenuation, improve water quality, expand and/or improve adjoining floodplains/wetlands, and have a direct positive impact on Eleven Mile Creek and Perdido Bay. Two sites located on W Roberts Road and Highway 97/297A are currently under design or evaluation.

### 3. GRANT REQUIREMENTS

The 2010 Deepwater Horizon oil spill led to passage of the RESTORE Act in 2012. The Act dedicates 80 percent of all Clean Water Act penalties related to the spill to the Gulf Coast Restoration Trust Fund. The Escambia County Board of County Commissioners selected the Eleven Mile Creek Regional Basin Stormwater Ponds project as one of ten initial projects to fund with the Escambia County's RESTORE Direct Component (Pot 1) allocation. Design and engineering services for the Eleven Mile Creek - Pond Acquisition shall be consistent with the purpose described in the Notice of Award. The plan shall be compliant with the RESTORE Act and all applicable rules and laws. For more information on Escambia County's Direct Component projects please visit <https://myescambia.com/our-services/natural-resources-management/restore/multi-year-implementation-plan>.

### 4. SCOPE OF SERVICES

The Eleven Mile Creek - Pond Acquisition project is a planning, design and acquisition activity consisting of two Phases. Phase one will consist of a desk top review of existing basin study reports, ranking of pond sites that will increase flood protection for public and private infrastructure by increasing floodplain storage, and ranking of existing county owned stormwater pond infrastructure in the watershed and determine appropriate corrective actions necessary to address rehabilitation. Phase 2 will consist of scope of work development and associated construction cost estimates for design, permitting and limited construction oversight of one or more pond sites identified during phase 1.

#### Primary Goals:

- **Pond Site Acquisition** – The primary goal of this project is to identify pond site locations and design stormwater ponds that will attenuate flows to reduce flooding and improve water quality within the watershed area.
- **Acquisition Ranking** – Pond site locations and existing stormwater infrastructure improvements ranking criteria needs to be developed to help steer acquisition and design priorities.
- **Existing Stormwater Infrastructure** – Existing County maintained stormwater ponds in the watershed need to be evaluated for potential enhancement and/or rehabilitation opportunities. Ponds would need to meet or exceed attenuation of the runoff from a 100-year critical duration event, up to and including 24-hour duration. Design services will be required for pond improvements. Ranking criteria needs to be developed to help determine stormwater pond rehabilitation.

### 5. ASSOCIATED WORK

To achieve the above goals, professional services may include but not be limited to the following: Perform subsurface utility exploration; topographic survey; environmental assessments; legal description(s) for easement(s)/acquisition(s) if needed; surveys; geotechnical survey; project design and engineering (30%, 60%, 100% plans); project coordination meetings with county staff and stakeholders; construction details with project specific specifications; utility coordination including plan-in-hand walkthroughs; wetland delineation, environmental permitting and associated fees; coordination of State Historic Preservation Office review allowances shall include archeological survey report if required by SHPO; routine progress reports; and monthly detailed schedule updates. Optional services may include but not be limited to limited engineering and inspector construction support; As-Built Certification; bid package preparation including cost estimates, limited bid assistance, and associated bid tasks.

The selected firm shall include but not be limited to the following:

#### Data collection & review:

- The selected firm will comply with all County, State, and grant requirements.
- Coordinate with Escambia County Surveyor and staff for the collection of surveying data, basin studies, maps, and any other Escambia County records needed for the project.
- Coordinate with Escambia County staff on the drainage plans, Drainage Improvement Projects that may connect to this project.
- Meet with County staff for input on maintenance and historical complaints.

- Surveying services necessary for the design of the project shall be created based on but not limited to the following:
  - Five certified copies of a Topographical Surveys that meets the current Florida Minimum Technical Standards as set forth by the Board of Professional Surveyors and Mappers.
  - Minimum of two Benchmarks referenced to NAVD 1988 Datum. Maximum distance between Benchmarks shall not exceed 1000 feet.
  - Cross-section data intervals shall not exceed 100 feet. Where possible, topographical data shall exceed the right-of-way width by a minimum of 5 feet to ensure complete DTM coverage of right-of-way.
  - Road rights-of-way and parcel lines depicted on topographical survey shall be based on field located property corners, where such corners exist.
  - Electronic files submitted shall be based on State Plane Coordinates, NAD 83/90, and North Florida Zone.

**Plan Preparation and Permitting:**

- Attend public meetings as needed with residents and stakeholders to receive input regarding flooding, recreational opportunities, historically and culturally significant information, etc. Prepare agendas, presentations, and post meeting notes for meetings.
- Perform subsurface utility exploration (as needed), topographic survey, geotechnical survey, environmental assessments, etc. needed for design.
- Provide 30%, 60%, 100% and final plans for each project phase with associated cost estimates. Submittals shall comply with the Summary of Phase Submittals for Escambia County.
- Design shall be in accordance with all Escambia County Land Development Code requirements and designed to be constructed in accordance with Escambia County Standards and Specifications.
- Provide for all required regulatory permitting, including permit fee allowances and attend preapplication meetings with regulatory agencies.
- Plans should be reproducible to 40 scale 11"x17" and 20 scale 24" X 36" sheets size plans.
- Utility Coordination and Plans-in-hand walk through with Utility companies at all phase submittals shall be performed.
- Submit costs estimates for all design phases.
- Prepare As-Built certifications as needed.

**Bidding Estimates (Optional Service):**

- Prepare all bid documents through bidding process.
- Attend bid meetings as needed with County staff.
- Respond to all Requests for Information and issue any necessary addendums.
- Tabulate bids.

**Construction Oversight (Optional Service):**

- Provide limited construction and engineering inspection for stormwater pond and roadway improvements (if needed) for the project. Fee proposal should provide hourly bill rate.

**6. PROJECT APPROACH**

Firm should demonstrate with RLI submittal a conceptual approach to achieve primary goals for the Eleven Mile Creek - Pond Acquisition. The conceptual approach should consider the following factors:

1. Provide flowchart showing project approach.
2. Approach to Project Phasing.
3. Strategy for addressing Project Goals and Objectives.
4. Approach to completing the scope of services including data collection, modeling, design, and permitting.

**Project Timeline:**

Project should be substantially completed by December 31, 2022.



### GSA Codes – Add-Ons List

Anticipated Disciplines (Function Codes SF 330):

|                                     | <b>Code</b> | <b>Description</b> |
|-------------------------------------|-------------|--------------------|
| <b><u>Secondary Disciplines</u></b> | 48          | Project Manager    |

Anticipated Experience Categories (Profile Codes SF 330):

|                                    | <b>Code</b> | <b>Description</b>                               |
|------------------------------------|-------------|--|
| <b><u>Secondary Experience</u></b> | C18         | Cost Estimating                                  |
|                                    | E01         | Ecological & Archeological Investigations        |
|                                    | E11         | Environmental Planning                           |
|                                    | L03         | Landscape Architecture                           |
|                                    | R04         | Recreational Facilities                          |
|                                    | S10         | Surveying; Platting; Mapping; Floodplain Studies |
|                                    | S13         | Stormwater Handling & Facilities                 |
|                                    | U02         | Urban Renewals; Community Development            |
|                                    | W02         | Water Resources; Hydrology; Ground Water         |