

## **RESTORE project narratives**

### **Fairhope Sewer Upgrades Phase I**

#### **Project Summary:**

The City of Fairhope's Sewer Upgrades Phase I will address the most urgent needs within the City's public sewer system. The system includes one Wastewater Treatment Plant, 175 miles of gravity collection and force main pipes, over 70 pumping stations, and over 2,000 manholes. This project will provide major rehabilitation measures, including the complete replacement or rehabilitation of nine priority lift stations, the addition of four side stream storage facilities, and the rehabilitation of existing sewer lines and manholes throughout the system. The project will utilize cost-effective and environmentally sensitive engineering solutions.

The project deliverables and milestones are broken into two proposed phases, as completion of Engineering and Design will provide necessary information about the level of rehabilitation needed at lift stations as well as the identification of the sewer lines and manholes that will be rehabilitated.

#### **Detailed Scope of Work:**

##### **Task 1 – Grant Administration**

ADCNR, as Administrative Agent for the Alabama Gulf Coast Recovery Council, will serve as Grant Administrator for the project, monitoring subrecipient procurement, grant compliance, and programmatic activities. ADCNR will conduct periodic onsite visits and will submit all semi-annual and final reports. Volkert, Inc., as ADCNR's Program Manager, may assist with some of the activities listed above on an as-needed, task order basis. Once substantial completion has been reached by the Subrecipient, and upon favorable review by ADCNR, ADCNR will initiate and submit all required documentation to begin and conclude the grant closeout process in compliance with 2 CFR Part 200 and applicable regulations. Final drawdown and federal financial report will be completed upon instruction by the RESTORE Council.

##### ***Phase 1: Pre-Construction Activities***

Estimated Timeline: Award + 18 Months to Complete

##### **Task 2**

**Milestone #1 – Procurement of Professional Engineering and Project Management Services Complete (Award + 6 Months)**- The City of Fairhope will procure the professional services of an independent engineering firm to provide the engineering and design services for the Fairhope Sewer Upgrades Phase I Project. Engineering services will include, but may not be limited to, civil engineering, surveying, geotechnical, structural engineering, electrical engineering, environmental permitting, bidding, costing, budgeting, and construction inspection services.

The City of Fairhope will procure the professional services of an independent administration firm to provide professional services for the project. These services will include grant administration, completion of subrecipient start-up documents, assistance with environmental compliance, establishment of project financial procedures, establishment of project record keeping procedures, ensuring proper procurement and bidding and contracting procedures, programmatic management, preparation of reimbursement requests/drawdowns, submission of grant reports to ADCNR, compliance with audit requirements, completion of close-out documents, and other services in compliance with all programmatic and project-specific funding requirements including federal grant compliance (e.g., 2 CFR Part 200) and state procurement procedures.

### **Task 3**

**Milestone #2 – Survey, Permitting, Engineering Design - (Award + 12 Months)**- Consultants will conduct all preliminary surveying, geotech, environmental assessments, and other services and secure all necessary permits for the project. Consultants will coordinate with all relevant local, state, and federal agencies to secure all necessary approvals. Consultants will produce schematic plans and specifications for review by the City documenting project elements to a level sufficient for preliminary costing. Consultants will develop detailed plan drawings and typical site details will be developed. The final deliverables for Design Development will include plans, prototypical details and finishes, enlargements, and conceptual grading plans, and budget analysis.

### **Task 4**

**Milestone #3 – Bidding/Execution of Construction Contracts Complete (Award + 18 Months)**- Detailed plan drawings and details will be developed that are suitable for bidding and construction of the projects (Lift Station Rehabilitation, Side Stream Storage, and Collection System Rehabilitation). The documents will include both detailed and performance plan specifications for design elements to give the contractors the maximum ability to provide solutions that meet the design intent within budget. Consultant will refine construction plans at 50% and 90% to bring project within budget. Deliverables will include all plans, elevations, details, and specifications required to permit, bid, and construct the projects. Projects will be bid and awarded in accordance with all applicable federal grant and state procurement

procedures. A Pre-Construction Meeting will be held prior to the issuance of a Notice to Proceed.

***Phase 2: Project Construction and Construction-Phase Professional Services***

Estimated Timeline: Award + 48 Months to Complete

**Task 5**

**Milestone #4 – Construction Complete (Award + 42 months)**

The major activities included in the construction contracts will include the following:

- 1) Lift Station Rehabilitation- The complete replacement of the following lift stations: Grand Hotel, South Section Street, Carmel Square

The rehabilitation/repair of the following lift stations: Thompson Hall, East of the Sun, White Grove, Gayfer, Lakewood, and North Mobile

- 2) Side Stream Storage- The addition of side stream storage facilities in the following communities: Twin Beech, Woodlands, Quail Creek and North Section
- 3) Collection System Rehabilitation- Rehabilitation of existing sewer collection lines, manholes and service laterals throughout the system utilizing Cured In Place Pipe (CIPP) liner methods, and point repairs where necessary.

**Task 6**

**Milestone #5- Close-out Complete (Award + 48 Months)**

**Fairhope Area Community Based Land Use Plan**

**Project Summary:**

This project involves the creation of a community-driven comprehensive land use plan for the City of Fairhope to address growth with an emphasis on environmental stewardship and legal foundation for implementation. Plan development envisions sustainable community growth infused with aspects of green infrastructure.

**Scope of Work:**

**Milestone #1 – Procurement of professional services for project management, GIS services, community engagement and plan development (Award + 6 months)**

The City of Fairhope will procure the professional services necessary for the implementation of the project. 100% of the funds will be “contractual”. The professional services of qualified firms will be properly procured to oversee the development of the Fairhope Area Community Based Comprehensive Land Use Plan. For the procurement of the professional services, 2 CFR 200.320 (d) Procurement by competitive proposals will be followed.

Contractors will include the following:

- Project Management: Professional service contractor to assist with administration of the awarded grant.
- GIS Services: Professional service contractor to assist with collecting and assembling of data.
- Community Engagement: Professional service contractor to facilitate communication, interaction, involvement, and exchange between the City of Fairhope and the community.
- Plan Development: Professional service contractor/subcontractors to assist with the development of a Comprehensive Plan and the legal foundation to implement that plan.

In general, subrecipient personnel will work alongside contractors throughout the scope of work.

Subrecipient Personnel from the City of Fairhope:

- Planning and Zoning Department: Team Leaders
- Economic Development: Community Engagement Lead
- Public Works: Environmental and Growth Consulting
- Public Utilities: Environmental and Growth Consulting
- Building and Permitting: Environmental and Growth Consulting
- Finance and Purchasing: Accounting and Payments
- Elected and Appointed Officials: Adherence to City Goals
- City Attorneys: Adherence to Federal, State, and Local Laws.

**Milestone #2 – Collecting and assessing data and information and engaging in community outreach (Award + 12 months)**

1. Project Organization and Coordination- steering committee, orientation meeting, website development, steering committee meetings, project coordination meetings, status update meetings
2. Community Engagement-workshop, workshop results with questionnaire, focus group meetings, milestone updates, worksession, community open house
3. Community Factbook- plan reviews, studies, audit of existing codes, data collection, community survey, GIS data, population analysis, existing land use analysis, community design analysis, transportation analysis, infrastructure analysis, economic analysis, housing analysis, natural and cultural resource analysis, draft community factbook, final community factbook

**Milestone #3 – Developing Milestone 2 factors into a comprehensive plan and legal foundation to implement that plan. (Award + 18 months)**

1. Community Land Use Plan- visioning from community engagement, land use element, community design element, connectivity and mobility elements, economic and community development, community facilities and services, natural and cultural resources, infrastructure, land use plan, draft community land use plan, final community land use plan
2. Action Plan- action items and goals, prioritization of action items
3. Community Code Review and Update- regulating plan, design and building site standards, architectural guidelines, educational workshops, draft community code
4. Approval and Adoptions- steering committee, planning commission, city council

**Working Waterfront**

**Scope of Work:**

This scope of work entails all project work related to improvements to the shoreline and bluffs along the Eastern Shore of Mobile Bay in Fairhope, Alabama. This project’s main criterion involves improvements to the bay shore to insure resiliency, sustainability and human interaction of the City of Fairhope’s most precious resource: its waterfront. More specifically, this SOW concentrates on the First Phase of the overall Working Waterfront and Greenspace Project –Fairhope Municipal Pier and South Beach Park Improvements.

The general project location can be described as the Fairhope Municipal Pier, the area containing the pier landing at the foot of Fairhope Avenue and the area to the south along the shoreline know as South Beach Park. The pier landing area is approximately 4 acres of land containing buildings, parking, a large circular drive, walkways, hardscapes, landscapes with a center oval median containing a prominent fountain surrounded by English styled rose gardens. This landing is the access point to the Fairhope

Municipal Pier, a 1500-foot-long precast concrete pier projecting westward into Mobile Bay. This pier houses a marina on the northside, a popular restaurant at the midpoint, bathrooms and other amenities. Fairhope Municipal Pier host tourists, visitors, recreational fishermen, citizens and serves as the "Town Square" for all important activities in the life of the City of Fairhope. This landing is protected by a precast seawall along its shoreline radius.

South Beach Park is roughly described as a 5-acre linear park along the shoreline of Mobile Bay immediately south of the Fairhope Municipal Pier landing. Geographical elements of the park include approximately 600 linear feet of shoreline on the westside, terraced green space along the center and steep eroding bluff along the eastside. There is 32 vertical feet of elevation difference from the east property line to the toe of the bluff. Most of the gradient (fall) is along the face of the bluff. The shoreline is comprised of 450 feet of bulkhead and 150 linear feet of sandy beach at the southern end of the property.