

Staff Report

Subject: Hussey Gay Bell Proposal for Reuse Water Main Extension Engineering

Author: Danielle Carver, Procurement and Capital Projects Manager

Department: Public Works

Meeting Date: November 19, 2024

Item Description: Consideration for approval of the professional services proposal from Hussey Gay Bell (HGB) for engineering services related to the reuse water main extension along Blue Jay Road

Summary Recommendation: Staff recommends approval of the proposal from Hussey Gay Bell for professional services for the reuse water main extension project along Blue Jay Road.

Executive Summary/Background:

Effingham County plans to extend the reuse water main along Blue Jay Road from GA Hwy 17 to the Ogeechee River and from the proposed Water Reclamation Facility (WRF) expansion to the Bobby C. Smith Energy Facility. The proposal from HGB outlines engineering services required for the construction of a de-chlorination station, as well as the installation of approximately 21,300 linear feet of new reuse water main (4,600 feet of 12-inch pipe and 16,700 feet of 16-inch pipe).

The scope of HGB's services includes:

1. **Support Services:** Topographic survey, wetlands delineation and permitting, easement plat preparation, easement acquisition assistance, and geotechnical investigation.
2. **Design Services:** Preliminary (60%) and final (100%) design, including preparation of concept reports and construction plans.
3. **Permitting Services:** Coordination with agencies including Georgia EPD, U.S. Army Corps of Engineers, and Georgia DOT.
4. **Bidding Services:** Assistance with bid process administration, including pre-bid meetings, bid evaluations, and award recommendations.
5. **Construction Services:** Contract administration, construction observation, and preparation of as-built and close-out documents.

The project is expected to enhance water reuse capabilities and support ongoing infrastructure improvements in Effingham County.

The **total cost** for the Effingham County Reuse Water Main Extension project with Hussey Gay Bell is **\$536,940**, detailed as follows:

- **Support Services:** \$150,200 (Includes topographic survey, wetlands delineation and permitting, easement services, and geotechnical investigation)

- **Design Services:** \$185,290 (Preliminary and final design)
- **Permitting Services:** \$19,460
- **Bidding Services:** \$13,290
- **Construction Services:** \$168,700 (Contract administration, construction observation, as-builts, and close-out documents)

Alternatives for Commission to Consider

1. Approval of the proposal from Hussey Gay Bell for professional engineering services for the reuse water main extension project for \$536,940.00.
2. Take no action.

Recommended Alternative: 1

Other Alternatives: 2

Department Review: County Manager, Capital Projects, County Engineer

Funding Source: 2025 Budget

Attachments: Task Order 2024-009 and Change Order No. 1