

Staff Report

Subject: Approval of Proposal from EMC Engineering Services for the US 80 Sewer Master Plan

Author: Danielle Carver, Procurement and Contracts Manager

Department: Project Management, Procurement

Meeting Date: April 1, 2025

Item Description: Consideration to approve an EMC Engineering Services Proposal for the US 80 Sewer Master Plan

Summary Recommendation: Staff recommends approval of the proposal from EMC Engineering Services for the development of a Sewer Master Plan for the US 80 service area in the amount of \$140,000.

Executive Summary/Background:

Effingham County is seeking to develop a comprehensive **Sewer Master Plan** for the US 80 service area to guide the future expansion of its wastewater infrastructure and evaluate potential service to portions of west Chatham County and Bloomingdale.

EMC Engineering Services will provide planning and design support through:

- A review of zoning, land use, and census data for Effingham and surrounding areas;
- Analysis of existing and future sewer infrastructure and treatment capacity;
- Recommendations for infrastructure layout and sizing including gravity lines, lift stations, and force mains;
- Two system configuration options:
 1. Connection to the existing wastewater treatment plant,
 2. A new treatment facility located within the service area;
- Cost estimates for both alternatives;
- Visual exhibits of existing and proposed system layouts.

The final report will be developed with County input, and EMC will address up to two sets of County comments prior to finalization.

Alternatives for Commission to Consider

1. Approve the proposal from EMC Engineering Services in the amount of \$140,000.
2. Do not approve.

Recommended Alternative: 1

Other Alternatives: 2

Department Review: Project Management, Procurement

Funding Source: 2025 FY Budget

Attachments: EMC Proposal