

Staff Report

Subject: Extract Utility Data – Spatial Engineering – PID: 21010 OCS-03
Author: Pamela Melser, GIS Coordinator
Department: GIS
Meeting Date: 05-03-2022
Item Description: Consideration to approve proposal by Spatial Engineering to extract utility features from scanned as-built records

Summary Recommendation:

Effingham County began scanning its record archives in 2021 through a contract with Spatial Engineering. As a result of the first round of records scanning the County was able to identify 142 as-built records. Of these 142 as-built records, a subset of 90 records have been identified for utility data extraction. Utility data extraction will involve creating a GIS dataset created for the following utilities; water, sewer, reuse, stormwater, and easement. This project will increase the completeness of the County's mapped utility infrastructure. Utility extraction will be an integral factor in the creation of the Effingham County Stormwater Masterplan and Water/Sewer Masterplan. The creation and maintenance of a comprehensive and accurate utility infrastructure will aid the County in future plans focused on stable growth as it impacts utilities and the residents of Effingham County. The data extraction will be executed under Spatial Engineering's current contract with the County; PID 21010, On-Call Support. Per the current contract with Spatial Engineering, On-Call Services (OCS) provides the County the ability to request data updates, analysis, maps, field collection, application development, etc. on an as needed basis.

Executive Summary/Background:

- The following deliverables are expected
 - Updated RightSpot Projects data layer
 - Updated water, sewer, reuse, stormwater, and easement GIS data layers
 - Monthly updates for water, sewer, reuse, storm water, and easement GIS data layers
 - 90-day turnaround from data extraction to final deliverables

Alternatives for Commission to Consider:

1. Approve Extract Utility Data – Spatial Engineering – PID: 21010 OCS-03 to extract utility features from scanned as-built records in the amount of \$101,260.71.
2. Take no action.
3. Do not approve of the proposal by Spatial Engineering to extract utility features from scanned as-built records.

Recommended Alternative:

Staff recommends Alternative number 1

Other Alternatives: N/A

Department Review: Asst. County Manager/Director of Development Services

Funding Source: 100-7403-225-52-1202 using a budget amendment for \$50,630.36 for FY22. The balance in the amount of \$50,630.35 will be funded by 100-7403-225-52-1202 in FY23.

Attachments: Spatial Engineering Proposal