



## **Report to City Council**

**To:** Honorable Mayor and Members of the City Council

**From:** Grant Yates, City Manager

**Prepared by:** Jason Simpson, Assistant City Manager

**Date:** February 14, 2017

**Subject:** Agreement with Spicer Consulting Group, LLC (SCG) for Geographic Information System (GIS) for Consulting and Support Services

### **Recommendation**

Authorize the City Manager to execute the agreement in the amount of \$62,900.

### **Background and Discussion**

The City is approximately two-thirds undeveloped and anticipating a major increase in building permit activity as the buildout of specific planned developments occurs. To help manage this buildout and support the City's strategic initiative for service as part of its Vision Statement, the City has started implementing EnerGov, an enterprise permitting and land management system developed by Tyler Technologies and is upgrading its GIS servers with ESRI software. EnerGov relies on a GIS land-base which the system interfaces with to associate permitting and land management activities with the corresponding spatial features those activities occur on (e.g. parcels, addresses, etc.).

Further, with the recent retirement of the City's GIS Analyst, the City also has no current GIS staff and many GIS data layers remain stored in various formats and locations that have been developed and assembled over time from various projects. The City's GIS environment needs to be setup so that the City can begin leveraging GIS to improve processes and support. To facilitate a well-developed and reliable integration with EnerGov, provide more widespread access to GIS services throughout the City, and ensure the City is best positioned to take full advantage of all EnerGov capabilities moving forward, the City needs to implement a new GIS design and data organization schema.

SCG understands that the City will be purchasing a Small Government Enterprise License Agreement (SGELA) from ESRI to obtain the software needed to support its EnerGov rollout and its GIS expansion efforts. Under the SGELA, the City further intends to setup a new server on which it will install ArcGIS Enterprise (formerly ArcGIS Server) that will host a new enterprise geodatabase and a new data schema based on ESRI's Local Government Information Model (LGIM). Once ArcGIS Enterprise is setup and the LGIM data schema is established, the City plans to migrate selected data from its older shapefile and geodatabase sources into the LGIM schema within the new enterprise geodatabase.

The City also intends to implement a secure ArcGIS Online Organization to facilitate the organization of maps, services, and data throughout the city enterprise (separate agenda item with ESRI at the January 24, 2017 meeting). Following migration of data into the LGIM schema

in its new enterprise geodatabase, the City will immediately publish a new map and feature services to its ArcGIS Organization account for sharing use by EnerGov and other City departments. SCG will help implement an enterprise geodatabase and ArcGIS Organization structure to support the EnerGov applications and implement additional maps, services and applications that support additional department functions and business processes will follow, based upon prioritization.

SCF will be assisting with setting up the City's GIS environment including the GIS Server, ArcGIS Online Organization accounts, and an administrative and editor workstation. Furthermore, SCG will also migrate data layers to the new ArcGIS Enterprise geodatabase that access ArcGIS Online Organization web applications and services that support the City's EnerGov platform.

**Fiscal Impact**

The Information Systems Internal Services Fund has funding available for the \$62,900 to implement this consulting and support services agreement.

**Exhibits**

- A. Agreement
- B. Proposal (Appendix A to Agreement)