

## Legislation Details (With Text)

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**On agenda:** 8/27/2018      **Final action:** 8/27/2018

**Title:** Airport Consolidated Geospatial Platform

**Attachments:**

Date	Ver.	Action By	Action	Result
8/27/2018	1	City Council Business Meeting	Approve	Pass

### Airport Consolidated Geospatial Platform

#### Action:

- A. Approve a three year contract with X-Spatial to provide and implement a consolidated geospatial platform,**
- B. Authorize the City Manager to approve price adjustments and amend the contract consistent with the purpose for which the contract was awarded,**
- C. Authorize the City Manager to purchase maintenance and support for as long as the City uses the system, and**
- D. Authorize the City Manager to purchase such additional software licenses, services, and hardware as needed from time to time to optimize the City's use of the system.**

#### **Staff Resource(s):**

Brent Cagle, Aviation  
Haley Gentry, Aviation

#### **Explanation**

- The Federal Aviation Administration (FAA) requires airports to have data in the following two formats: AutoCAD and GIS. Aviation has a large amount of data duplication between AutoCAD and GIS, which creates unnecessary work and conflicting data.
- This recommended software solution will create common data storage that can be consumed by both GIS and AutoCAD software, while also meeting FAA data requirements.
- This solution will also allow interoperability between geospatial data and other Airport technology systems. Some of the functionality/compatibility components include:
  - Add-on modules that use geospatial data to manage the Airport's assets including pavement management, IT asset management, electrical panel management, and airfield sign management for Part-139 compliance, and
  - 3D functionality, reporting, location/vehicle tracking, and closed-circuit TV video management.
- On December 22, 2017, the City issued a Request for Proposals (RFP); four proposals were received.
- X-Spatial, LLC best meets the City's needs in terms of experience, implementation plan, system functionality, staffing, compensation and responsiveness to RFP requirements.
- Expenditures for licensing and implementing the system are estimated to be \$520,000.

- This activity is occurring on airport property, Council District 3.

**Disadvantaged Business Enterprise**

The City negotiates subcontracting participation after the proposal selection process.

X-Spatial has identified the following certified firm to participate as project scopes are defined:

- Arora Engineers, Inc (DBE) (data development)

**Fiscal Note**

Funding: Aviation Community Investment Plan