

Legislation Text

File #: 15-8624, Version: 1

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