



# **Report to the Business Administration Committee**

## **Recommendation to Award a Sole Source Contract for Geographic Information System Software**

**July 2019**



## PURPOSE

Staff requests the Business Administration Committee approve and recommend to the Board of Directors that the Metropolitan Washington Airports Authority (Airports Authority) approve the award of a sole source contract to Environmental Systems Research Institute (ESRI) for Geographic Information System (GIS) software for Airports Authority-wide use.



## BACKGROUND

- The Office of Engineering created an Enterprise GIS System using ESRI GIS software in 2008 to support the Airports Authority's infrastructure spatial data for mapping.
- ESRI was, and continues to be, an industry leader in GIS, supporting construction and operation activities at airports and state and local governments across the country.



## DISCUSSION

- The Airports Authority's GIS software licenses expire in October 2019. The proposed contract will provide additional software licenses, training, and expanded capabilities to support the enterprise GIS program.
- Because the ESRI suite of applications is proprietary software, ESRI is the only provider of support and maintenance. ESRI does not resell this software or support services through any other source or vendor.
- Changing GIS software to another proprietary software will require extensive re-programming, resulting in additional cost and time to implement a new software program.



## **DISCUSSION (continued)**

- The proposed sole source contract would be awarded in accordance with Contracting Manual Section 1.4.1(3)(c) Proprietary Equipment and Software.
- As required by Section 2.9.3 of the Contracting Manual, notice of this intended sole source award has been published on the Airports Authority's website for the required time period, and no statements of capabilities were submitted.
- The proposed contract for a one-year base term with four one-year options for software and support has an estimated cost of \$1,300,000.



## RECOMMENDATION

- Staff requests the Business Administration Committee approve and recommend that the Board of Directors approve the award of a sole source contract to ESRI for GIS software for Airports Authority-wide use. The requested contract will have a one-year base term with four one-year options at an estimated cost of \$1,300,000.



**METROPOLITAN  
WASHINGTON  
AIRPORTS AUTHORITY**  
**MWAA.COM**



@Reagan\_Airport

@Dulles\_Airport

@Dulles\_Toll\_Road



reaganairport

FlyDulles

dullestollroad



## Proposed Resolution

### Authorizing the Award of a Sole Source Contract for Geographic Information System Software

WHEREAS, The Office of Engineering created an Enterprise Geographic Information System (GIS) using Environmental Systems Research Institute (ESRI) GIS software in 2008 to support the Metropolitan Washington Airports Authority's (Airports Authority) infrastructure spatial data for mapping;

WHEREAS, The Airports Authority's GIS software licenses expire in October 2019;

WHEREAS, The ESRI suite of applications is proprietary software and it does not resell this software or support services through any other sources or vendor;

WHEREAS, The contract will have a one-year base term with four one-year options and the estimated cost for equipment and maintenance for the five-year contract is \$1,300,000;

WHEREAS, As required by the Airports Authority's Contracting Manual, notice of this sole source contract award has been published on the Airports Authority's website for the required time period and no firm offered a capability statement for this requirement; now, therefore, be it

RESOLVED, That the President and Chief Executive Officer is authorized to enter into a sole source contract with Environmental Systems Research Institute for the purchase and maintenance of GIS software for Airports Authority-wide use.

*For Consideration by the Business Administration Committee  
July 17, 2019*

NOTE: Recorded vote is required.

## **REPORT TO THE BUSINESS ADMINISTRATION COMMITTEE**

### **RECOMMENDATION TO AWARD A SOLE SOURCE CONTRACT FOR GEOGRAPHIC INFORMATION SYSTEM SOFTWARE**

**JULY 2019**

#### **ACTION REQUESTED**

Staff requests the Business Administration Committee approve and recommend to the Board of Directors that the Metropolitan Washington Airports Authority (Airports Authority) approve the award of a sole source contract to Environmental Systems Research Institute (ESRI) for Geographic Information System (GIS) software. The proposed authorization for the sole source authority to contract with ESRI for GIS software and support will be for five years, including a one-year base term and four one-year options.

#### **BACKGROUND**

The Office of Engineering created an enterprise GIS program using ESRI's software in 2008 to support Airports Authority infrastructure spatial data for mapping. ESRI was, and continues to be, an industry leader in GIS software, supporting construction and operation activities at airports and state and local governments across the country. The enterprise GIS program has since evolved to support the Airports Authority's offices of Planning, Engineering, Public Safety, Real Estate and other departments that have spatial data needs, including mapping of assets for computerized maintenance and management, zones for fire and rescue emergency services, and underground utilities for construction and real estate.

#### **DISCUSSION**

The Airports Authority's GIS software licenses and support expire in October 2019. The proposed contract will provide additional software licenses, training, and expanded capabilities to support the enterprise GIS program. Because the ESRI suite of applications is proprietary software, ESRI is the only provider of support and maintenance. ESRI does not resell this software or support services through any other source or vendor. All fixes and software upgrades, along with training, are available only through ESRI.

The proposed sole source contract is permitted in accordance with Contracting Manual Section 1.4.1(3)(c) Proprietary Equipment and Software. As required by Section 2.9.3 of the Contracting Manual, notice of this intended sole source award was published on the

Airports Authority's website for the required time period, and no statements of capabilities were received.

The proposed contract has a one-year base term with four one-year options at an estimated cost of \$1,300,000.

### **CONCLUSION**

Staff requests the Business Administration Committee approve and recommend to the Board of Directors that the Airports Authority enter into a sole source contract with ESRI for GIS software.

Prepared by:

Office of Engineering  
July 2019