Recommendation for Council Action (Purchasing)

Austin City Council		**Item ID:**	73158	**Agenda Number**	36.
Meeting Date:		August 31, 2017			
Department:		Purchasing			

Subject

Authorize negotiation and execution of a contract with Environmental Systems Research Institute, Inc., to provide an enterprise license, consulting services, software maintenance, training, cloud services and support for the City's geographic information system, for a term of 50 months, in an amount not to exceed $5,833,333.

Amount and Source of Funding

Funding in the amount of $1,555,233 is contingent upon approval of the proposed Fiscal Year 2017-2018 Operating Budget of Communications and Technology Management Department. Funding in the amount of $78,100 is contingent upon approval of the proposed Fiscal Year 2017-2018 Capital Budget of Austin Water. Funding for the remaining 38 months of the contract term is contingent upon available funding in future budgets.

Fiscal Note

A fiscal note is not required.

Purchasing Language:	Sole Source
Prior Council Action:	
For More Information:	Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@ austintexas.gov or to Gil Zilkha, at 512-974-2696 or Gil.Zilkha@ austintexas.gov
Boards and Commission Action:	August 9, 2017 - Recommended by the Water and Wastewater Commission on a 7-0 vote, with Commissioners Blanding, Castleberry, Kellough and Maia absent.
Related Items:	
MBE / WBE:	Sole Source contracts are exempt from the City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program; therefore, no subcontracting goals were established.

Additional Backup Information

The contract will provide an Environmental Systems Research Institute (Esri) enterprise license agreement, maintenance and support for existing software, and for the purchase of additional software modules and services to support and expand the City's geographic information system (GIS). Software provided by Esri was adopted as the City's enterprise standard GIS software by the Geospatial Information Management Governing Board.

Spatial data is a basic component of the majority of new applications and for services such as 3-1-1, 9-1-1, and development services. Most City departments create GIS data using Esri products, and many other departments and the general public make use of the GIS data products through data sharing within the City, the Austin-GO website, and the City's data portal. As the City further develops its enterprise-wide GIS system, it must ensure all departments are using the same software release and are provided the same level of service for their software. An enterprise license agreement assures that all departments are able to follow the city standard that Geospatial Information Management Governing Board has adopted.

To fully realize the capability and benefits of geographic information and GIS technology, spatial data must be shared and systems need to be interoperable. GIS technology provides the framework for shared spatial infrastructure and distributed architecture. Esri has developed its products based on open standards to ensure a high level of interoperability across platforms, databases, development languages, and applications. The city is committed to supporting and actively leading efforts associated with interoperability and the development of software industry standards. The enterprise license agreement for this contract will include the latest release of software, maintenance, 24/7 technical support, documentation, GIS cloud services, training, and professional consulting services.

This contract keeps the uncapped deployment rights for GIS software, including desktop, server, and extensions of the previous contract. It increases the number of learning and service credits from 550 to 600 to reflect increased demand from Austin Water. The contract continues the heavily used cloud-based ArcGIS Online and Community Analyst services, but adds Navigator and Drone2Map licensing to address field personnel routing and drone data processing capabilities, respectively. It also adds GeoPlanner and Insights for ArcGIS licensing for use in advanced geospatial planning and business intelligence capabilities.

The City has maintained an Esri enterprise license agreement since 2004. Esri is the developer and sole provider of this software and its maintenance and support. The current contract was executed on October 1, 2012 with an authorization amount of $5,664,000. The new contract represents an increase over the previous total amount due to increases in usage. It is critical that the new contract is in place prior to October 1, 2017, when the current contract expires, to avoid a lapse of valuable capabilities in support of such services as 9-1-1, 3-1-1, and development services.