

**MEETING DATE/TYPE:                      VOTING MEETING                      2-25-20**

**DEPARTMENT:    Information Technology**

**AGENDA ITEM:** Approval of City Contract 2020-163 with ESRI Incorporated for a Three Year GIS Enterprise Licensing Agreement in an Amount not to Exceed \$38,500 Per Year, Using State of Arizona Contract No. ADSP015-097108 Pricing.

**Approved By:** Michael Lamar, City Manager

**Item Summary**

This item is for a three year GIS enterprise licensing agreement with ESRI at \$37,222.50 per year.

The benefit of this agreement relative to a standard licensing agreement is that under a standard licensing agreement we would conservatively be paying on the order of approximately \$68,000 per year for our GIS assets.

Under the enterprise licensing agreement we are able to deploy multiple GIS assets in the form of servers and desktop software for less overall cost.

**Background**

Geographic Information Systems, or GIS, is a discipline that geolocates resources using spatial data.

That is a five dollar way of saying that GIS is oriented around taking resources – roads, trails, utility infrastructure, etc – and plotting those items using a coordinate system which people consume most commonly in the form of maps (digital or paper).

GPS data and maps are the most commonly encountered form of GIS products that people will interact with, however, the software that underpins a GIS system allows this geospatial information to contain additional attributes which is key to being able to perform more sophisticated and powerful analysis of that data.

Examples are handy:

Community Development – how many schools are within a given radius of a liquor license application site address?

**AGENDA ITEM:** Approval of City Contract 2020-163 with ESRI Incorporated for a Three Year GIS Enterprise Licensing Agreement in an Amount not to Exceed \$38,500 Per Year, Using State of Arizona Contract No. ADSPO15-097108 Pricing.

Public Works – what type and diameter water pipe is installed in the following parcels located in subdivision X in Prescott?

Public Safety – where are police and fire units dispatched the most for calls of type X?

Recreation Services – we are looking to expand trail offerings at site X, we need to analyze and model various trail choices at this site

The bottom line with GIS is that every single department at the City of Prescott uses GIS data either directly or through the software applications that they use on a daily basis.

None of this is possible without raw materials (GIS data) and the secret sauce (knowledge and software) to turn those raw materials in to something that is consumed not only by City of Prescott employees but other agencies and members of the public as well.

The world is increasingly a data driven world and it is not easily possible to revert to a less data driven way of interacting with the world.

The demand for IT and GIS related services has dramatically risen over the past X number of years that one would want to examine.

This agreement with ESRI is the most cost effective and efficient method by which to provide GIS software and related infrastructure structures required to maintain pace with the demand and consumption for GIS data and information.

### **Financial Impact**

This is a three year software agreement and the first year (Fiscal Year 2020) cost for this agreement is \$37,222.50.

The costs for this item are an annual budgeted item in the IT budget and those costs are recovered from City of Prescott service centers with approximately 26% of the cost coming from the General Fund at this time.

**Recommended Action: MOVE** to approve City Contract No. 2020-163.