



Midpeninsula Regional
Open Space District

R-19-160
Meeting 19-31
December 11, 2019

AGENDA ITEM 4

AGENDA ITEM

Renewal of Geographic Information Systems (GIS) Software Licenses

GENERAL MANAGER'S RECOMMENDATION

Authorize the General Manager to renew a Three-Year Small County and Municipality Government Enterprise License Agreement with Environmental Systems Research Institute, Inc., for an amount not to exceed \$137,500.

SUMMARY

The Midpeninsula Regional Open Space District's (District) current three-year Enterprise License Agreement (ELA) with Environmental Systems Research Institute, Inc., (Esri) expires January 2020. Renewing this agreement will allow the District to continue using a comprehensive suite of geographic information system (GIS) software licenses to deliver cartographic products, manage GIS databases, conduct spatial analysis, and host web mapping applications for the benefit of all District business lines to carry out the District mission and accomplish Vision Plan/Measure AA priorities on behalf of the public. The General Manager recommends renewing this three-year ELA with Esri for an amount not to exceed \$137,000. There are sufficient funds in the fiscal year (FY) 2019-20 budget to cover the first year of expenses. Funds will be budgeted for upcoming fiscal years FY2020-21 and FY2021-22.

DISCUSSION

In 2017, the District's Board of Directors (Board) awarded a three-year agreement to Esri for a software ELA (R-17-03) that will expire in January 2020. Consistent with the recommendations in the District's 2015 Information Technology Master Plan, the District deployed an enterprise GIS platform in FY2016-17 and has since implemented a variety of added functionality from the Esri suite (e.g. web mapping applications, centralized GIS databases, mobile field data collection workflows). The primary Esri products the District depends on to meet daily operational needs include:

Core Esri Software Products

- ArcGIS Enterprise (Portal for ArcGIS)
- ArcGIS Desktop (Advanced, Standard)
- ArcGIS Desktop extensions: 3D Analyst, Spatial Analyst, Geostatistical Analyst
- ArcGIS Developer
- ArcGIS Online (users and service credits)
- Collector for ArcGIS

- Explorer
- Survey 123

Increased User License Needs

In addition to core products and mobile applications, Esri software is critical to the District’s enterprise work order and asset management system (Cityworks). Cityworks is fully integrated with ArcGIS Enterprise software and databases, and its implementation doubled the number of users. Additional ArcGIS Enterprise user licenses are required for mobile data collection efforts led by field staff, seasonal workers, consultants, contractors, and volunteers.

The current Esri software ELA (R-17-03) is a Tier 2 agreement (\$35,000 annually) that no longer meets District needs and would require purchasing add-on user licenses. Renewing the ELA at a Tier 3 agreement will satisfy projected user license needs and provide \$42,500 in cost savings over three years. A cost comparison of Esri ELA options are shown in the table below.

Item	Tier 2 ELA Pricing	Tier 3 ELA Pricing
ELA Base Cost (Years 1-3)	\$105,000	\$137,500
Add-On User License Cost (Years 1-3)	\$75,000	\$0
Subtotal	\$180,000	\$137,500

Renewing the Esri ELA at the discounted Tier 3 will allow the District to continue using the Esri platform to meet critical mapping and spatial analysis needs and facilitate business continuity.

Software Vendor

Esri is the sole source designer and supplier for ArcGIS, the GIS software used by the District. There are no alternative licensing sources for ArcGIS since Esri has proprietary ownership of the software it develops and has no channel partners for selling the ArcGIS software platform. ArcGIS is an industry standard in the GIS community for GIS enterprise software and will support the District in accomplishing current and future GIS needs.

FISCAL IMPACT

There are sufficient funds in the adopted FY2019-20 budget to cover the cost of the recommendation through end of June. Funds will be recommended in future fiscal year budgets as part of the annual Budget and Action Plan process to cover the Year 2 and 3 costs. A summary of the ELA expenses for the next three years is shown in the table below.

Agreement Year	Fiscal Year	Cost
Esri Tier 3 Enterprise License Agreement Year 1	FY2019-20	\$42,500
Esri Tier 3 Enterprise License Agreement Year 2	FY2020-21	\$45,000
Esri Tier 3 Enterprise License Agreement Year 3	FY2021-22	\$50,000
Total Cost		\$137,500

BOARD COMMITTEE REVIEW

A Board Committee did not previously review this item.

PUBLIC NOTICE

Public notice was provided as required by the Brown Act.

CEQA COMPLIANCE

This item is not a project subject to the California Environmental Quality Act.

NEXT STEPS

Pending Board authorization, the General Manager will execute the multi-year agreement with Esri.

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