



EXECUTIVE DECISION DOCUMENT

GENERAL MANAGER APPROVAL: <i>5 Sept 2018</i> <i>Robert M. Powers</i>		GENERAL MANAGER ACTION REQ'D:		
DATE: 8/17/2018		BOARD INITIATED ITEM: No		
Originator/Prepared by: Travis Engstrom Dept: Office of the CIO <i>Travis Engstrom</i> Signature/Date: <i>8/5/2018</i>	General Counsel <i>[Signature]</i> <i>9/6/18</i> []	Controller/Treasurer <i>[Signature]</i> <i>9/15/18</i> []	District Secretary []	BARC <i>[Signature]</i> <i>9/15/18</i> []

Enterprise Software License Agreement: Environmental Systems Research Institute (ESRI)

NARRATIVE:

Purpose

To request that the Board Authorize the General Manager to execute a three (3) year software license agreement with Environmental Systems Research Institute (ESRI) in an amount not to exceed \$450,000. This multi-year software agreement will provide the District with unlimited access to ESRI software products for fixed annual fee payments not to exceed \$150,000 per year.

Discussion

The Office of the Chief Information Officer (OCIO) has identified an opportunity for considerable savings in the procurement of software licenses related to geospatial analysis, design, planning and asset management.

ESRI is the world leader in geospatial technology and it is used by more than ninety five percent of all government entities as a primary mapping and visualization tool. ESRI software is used by the District to exchange information with the Federal Government, State of California, all Bay Area Counties, the Metropolitan Transportation Commission, the Association of Bay Area Governments, and more than 25 local agencies.

The District has explored software alternatives such as open-source options and other vendors used by the other five percent of government entities. The District has found that such alternatives do not provide adequate support for the District's map-based enterprise solutions. BART has purchased ESRI software for the last 15 years. A continued license

agreement will play a critical role in the BART's Enterprise Geographic Information System (EGIS), a system used for state of good repair, demographic analysis, Title VI analysis, community outreach, ridership, on-time performance, analysis, planning, track allocation safety requests, and the District's Regional Anti-Terrorism Integrated Law Enforcement System (RAILS).

The provider is uniquely qualified to provide the necessary software tools, expertise, and specialized applications required to provide BART with the ability to continue to create open-ended enterprise data content that will work with the District's existing business applications.

The Office of General Counsel will approve the Agreement as to form prior to execution.

Fiscal Impact

The subject EDD proposes a 3 year contract at a total cost of \$450,000 from October 1, 2018-September 30, 2021.

Funds will be budgeted in the Office of the Chief Information Officer operating budget (Dept 0504463, Account 681300) as follows:

Proposed Funding	
FY19*	\$150,000
FY20	\$150,000
FY21	\$150,000
Total	\$450,000
<i>*Funding is expected to begin 10/01/2018.</i>	

Funding for services in this Fiscal Year are included in the Department's existing operating budget. Funding for subsequent years will be included in the proposed annual operating budget, which is subject to Board approval.

This action is not anticipated to have any Fiscal Impact on un-programmed District reserves in the current Fiscal Year.

Alternative

1. Use a geospatial software vendor other than ESRI. As discussed above, the identified software alternatives do not meet basic enterprise function and connectivity criteria for the District. In addition, alternative software solutions do not provide adequate interoperability with the Metropolitan Transportation Commission, the Association of Bay Area Governments, and the vast majority of local agencies.

2. Do not authorize the execution of the Agreement. In this circumstance, the proposed ESRI Enterprise License Agreement would not be carried out, and the District will have to pay full retail price for all ESRI software, with projected costs being approximately the \$1,112,414.00 for the same three (3) year term. Recommendations Approve the following motion:

Motion

The General Manager or her designee is authorized to execute a 3-year Enterprise License Agreement with Environmental Systems Research Institute (ESRI) in an amount not to exceed \$450,000 to allow for the District's unlimited access to ESRI software products.