

Agenda Report

April 12, 2021

TO: Honorable Mayor and City Council

FROM: Department of Information Technology

SUBJECT: AUTHORIZATION TO ENTER INTO A CONTRACT WITH ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. (ESRI) FOR AN ENTERPRISE LICENSE AGREEMENT OF GIS SOFTWARE

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the proposed contract is exempt from the California Environmental Quality Act ("CEQA") pursuant to State CEQA Guidelines Section 15061(b)(3);
2. Authorize the City Manager to enter into a contract with Environmental Systems Research Institute, Inc. (ESRI) for an Enterprise License Agreement (ELA) of GIS software in an amount not to exceed \$400,000 for a period of three years beginning July 1, 2021. Competitive bidding is not required pursuant to City Charter section 1002(C), contracts for labor, material, supplies, or services available from only one vendor; and
3. Grant the proposed contract an exemption from the competitive selection process of the Competitive Bidding and Purchasing Ordinance, Chapter 4.08 of the Pasadena Municipal Code, pursuant to Section 4.08.049(B) contracts for which the City's best interests are served.

BACKGROUND:

The City first implemented a Geographical Information System (GIS) in 2001, primarily to support the City's utility and planning services. At that time, software from Environmental Systems Research Institute, Inc. (ESRI) was selected as the City's enterprise GIS solution, and remains the leading GIS on the market today, used by other municipalities such as the city of Los Angeles, Los Angeles County, Burbank, Glendale, Rancho Cucamonga, Riverside County, and the state of California. This software is an open and interoperable GIS technology platform that provides mapping, analysis, and data management. The software has become integral in many City

departments such as Water and Power, Public Works, Planning and Community Development, Transportation, Police, Fire, and Public Health.

ESRI GIS software is a proven technology used by crime analysts, epidemiologists, planners, inspectors, engineers, chemists, technicians, and application developers as a decision support tool and as an information management system for essential business applications including public safety dispatch, licensing, permitting, asset management, 311 customer support, and vehicle routing. Over 300 GIS datasets consisting of water, power, fiber utility networks, public safety data, parking meters, traffic signals, address points, parcels, zoning, political boundaries, street centerline, sewer lines, and trees are managed with the ESRI software.

In support of the department uses above, back on January 22, 2018, City Council approved a contract, 31126, with ESRI for an Enterprise License Agreement (ELA) for GIS software. This contract will expire on July 1, 2021, and staff recommends entering into a multi-year ELA for the following benefits:

- Unlimited use of GIS software for all City departments
- Removal of technology barriers to enhance staff collaboration, and support collaboration and mutual aid efforts with neighboring cities
- Provide the technology and licensing to maintain Fire's Accreditation requirements
- Reduce administrative processing time for software licensing, maintenance, services, and training for staff

Additionally, unrestricted access to software, maintenance, services, and training through the ELA have resulted in further integration of GIS within City business functions, provision of easy to use, intuitive tools and applications available anywhere on multiple devices, delivery of near real time information, outreach through social media platforms, expansion of 3D visualization capabilities, improvements to the accessibility and timeliness of information for staff and the public, and the development of highly supportive analysis and metrics for insightful decision-making and strategic planning.

City departments have increased usage of GIS resources since the signing of the ELA in 2018, including access to the City's cloud-based GIS platform, ArcGIS Online, which now has over 600 active users. This is an average increase of 138 percent in the utilization of this cloud service as a result of the ELA. Below are examples of how City departments have leveraged the cloud service to meet their department objectives:

- Planning: support community engagement efforts for the Specific Plan update.
- Public Health: Dashboards to disseminate information to the public about the City's Coronavirus cases and vaccination distribution.
- Pasadena Outreach Response Team (PORT): Coordinate resources for the homeless population.

- Water and Power: Conduct City asset inspections and alert the public about outages.
- Library: Encourage exploration through One City, One Story interactive Story Maps.

Given these overwhelming benefits, staff recommends authorization of a three year contract beginning on July 1, 2021 in the amount of \$400,000 to cover the annual cost of ESRI software licensing and maintenance, estimated at \$110,000, and provide the flexibility to add new products and services that may provide a benefit to the City during the contract period.

COUNCIL POLICY CONSIDERATION:

The proposed three year contract provides for a consistent annual budget for ESRI GIS products and significant savings on these products through continuation of an ELA, as opposed to purchasing these separately. Therefore, it is consistent with City Council's strategic planning goal to maintain fiscal responsibility and stability.

ENVIRONMENTAL ANALYSIS:

The proposed contract is exempt from CEQA per section 15061(b) (3), the General Rule. The General Rule can be applied when it can be seen with certainty that the activity will not have a significant effect on the environment. The proposed action is for software licenses and services and will not result in any new development or physical changes.

FISCAL IMPACT:

The maximum cost of this action will be \$400,000 over three years beginning in FY2022. Funding for this action will be addressed by the utilization of existing annual budgeted appropriations in DoIT operations account 50114008-811400 (IT Ops-GIS). Annual licensing and maintenance will be \$110,000, and the contract includes additional capacity to fulfill department specific requests or purchase any new product offerings or services over the term of the contract. There are no indirect or support costs anticipated because of this contract.

Respectfully submitted,



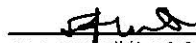
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Approved by:



steve mermell (Apr 8, 2021 09:21 PDT)

STEVE MERMELL
City Manager

Attachment A: Taxpayer Protection Amendment