



CITY OF LONG BEACH

TECHNOLOGY AND INNOVATION DEPARTMENT

333 WEST OCEAN BOULEVARD • LONG BEACH, CA 90802 • (562) 570-6455 • FAX (562) 570-5270

July 5, 2016

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt a Resolution authorizing the City Manager to execute a contract with Environmental Systems Research Institute, Inc. (ESRI), of Redlands, CA, for software implementation services (subscription), licensing and training services, in an amount not to exceed \$790,833 for the first year; thereafter, in an annual amount not to exceed \$200,000, for the maintenance and support for three years, with the option to renew for two additional one-year periods, at the discretion of the City Manager; and authorize the City Manager, or designee, to execute all documents necessary to enter into the contract, including any necessary amendments thereto. (Citywide)

DISCUSSION

City Council approval is requested to enter into a contract with Environmental Systems Research Institute, Inc. (ESRI), for software subscription licensing and training services to implement the ESRI Hub. ESRI is the provider of the City's Geographic Information System (GIS) platform. The Hub is an extensive collection of map-based data available for real-time analysis and use by decision-makers, first responders, and the public. The Technology and Innovation Department (TID) plans to leverage the ESRI Hub as an open data platform to display map data and analytics to the general public and internal City departments.

By making the data available to residents, City workers and private industry, the Hub will help Long Beach to better understand the community and City departments, and enhance the coordination of construction, road paving and public safety efforts, among other things. The Hub will also support the business entrepreneur by graphically showing potential commercial property and zoning information. In addition, the HUB will be able to supply analytical information that can help entrepreneurs decide on the location of their business based on census information.

Some of the Hub's features include:

- Capability for all City employees to complete self-service mapping;
- An open enterprise solution architecture that would transform the City's GIS data layers into open web services;
- Ready-to-use apps and extendable templates;
- An open data portal for dissemination of the City's map and tabular data; and,
- Ability for all City departments, the Long Beach business community and academic institutions to access data and use apps.

The initial phase of the project is anticipated to begin fall of 2016 with new features becoming available through 2017 and beyond. ESRI and TID will work closely with the i-team and City staff to develop the Hub applications. In addition, TID will be reaching out to the local colleges and universities to bring on interns who are studying GIS to help with the implementation of the Hub.

A competitive procurement is not feasible because of the unique features of the current ESRI product. A survey of similar services provided for implementation of the Hub revealed that ESRI's pricing is reasonable.

A competitive bid process was conducted in 1992, when the City formed a GIS Policy Board to oversee the selection and implementation of a new GIS system. This Board was created to ensure Citywide commitment to a common system. Under the direction of the Policy Board, a Request for Proposal (RFP) was prepared and distributed to the major GIS system vendors. As a result of this process, ESRI was selected as the most responsive proposer.

City Charter Section 1801 requires that contracts for City purchases be awarded to the lowest responsible bidder after a competitive bid process, but allows for awards without a competitive bid process if accompanied by a Resolution adopted by the City Council.

This matter was reviewed by Deputy City Attorney Amy R. Webber on June 20, 2016 and by Assistant Finance Director Lea Eriksen on June 17, 2016.

TIMING CONSIDERATIONS

City Council action is requested on July 5, 2016, to ensure that the contract is in place expeditiously.

FISCAL IMPACT

Contract costs will not exceed \$790,833 for the first year and, thereafter, in an annual amount not to exceed \$200,000 for the maintenance and support for three years. Funding to support the implementation of the HUB will come from the i-team and TID for year one. The funding breakdown is as follows:

- \$150,000 from the i-team grant match in the General Grants Fund (SR 120)
- \$640,833 from Technology and Innovation (IS 385)

Sufficient funding is budgeted in the General Grants Fund (SR 120) in the City Manager Department (CM) and the General Services Fund (IS 385) in the Technology and Innovation Department (TI). Application support and maintenance costs for year two, and thereafter, will be funded by TID. Costs will be recovered from departments using GIS and will be budgeted in the annual TI MOU starting in FY 17. There is no local job impact associated with this recommendation.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



BRYAN M. SASTOKAS
DIRECTOR OF TECHNOLOGY AND INNOVATION

Attachment

APPROVED:



PATRICK H. WEST
CITY MANAGER

1 RESOLUTION NO.
2

3 A RESOLUTION OF THE CITY COUNCIL OF THE
4 CITY OF LONG BEACH AUTHORIZING THE CITY
5 MANAGER TO EXECUTE A CONTRACT WITH
6 ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE,
7 INC., WITHOUT ADVERTISING FOR BIDS, FOR
8 SOFTWARE IMPLEMENTATION SERVICES
9 (SUBSCRIPTION), LICENSING AND TRAINING
10 SERVICES, FOR A TOTAL NOT TO EXCEED AMOUNT OF
11 \$1,390,833 OVER A FOUR-YEAR PERIOD
12

13 WHEREAS, the Charter of the City of Long Beach, Section 1801, permits
14 the City Manager to enter into a contract on behalf of the City, in writing or otherwise,
15 without advertising for bids, for services, supplies, materials, equipment or labor for
16 actual emergency work when authorized by resolution; and

17 WHEREAS, the City has a need for a Geographic Information System
18 ("GIS") application; and

19 WHEREAS, in 1992, an RFP was issued for a new city-wide GIS system;
20 and

21 WHEREAS, Environmental Systems Research Institute, Inc. ("ESRI") was
22 selected as the most responsive proposer; and

23 WHEREAS, currently all City departments utilize the ESRI GIS platform and
24 there are interfaces from ESRI to most of the City's key applications and mobile
25 applications; and

26 WHEREAS, the Technology and Innovation Department ("TID") desires to
27 implement ESRI's Hub as an internal and external facing tool that will use the City's GIS
28 platform to foster collaboration, analysis, insight, public engagement and transparency;

1 and

2 WHEREAS, the Hub combines an Open Data Platform, a Dashboard tool,
3 and GIS mapping to increase citizen engagement and awareness; and

4 WHEREAS, ESRI is the sole developer that produces the Hub module
5 which functions on the City's existing ESRI environment; and

6 WHEREAS, there are approximately 600 layers to the City-wide maps and
7 recreating this platform would take several years of staff time, therefore, no useful
8 purpose would be served by advertising for bids and to do so would constitute an idle and
9 useless act and an unnecessary expenditure of public funds because Environmental
10 Systems Research Institute, Inc. is the only corporation, firm or individual that could or
11 would bid for software implementation services (subscription), licensing and training
12 services;

13 NOW, THEREFORE, the City Council of the City of Long Beach resolves as
14 follows:

15 Section 1. The City Manager is hereby authorized to enter a contract
16 with Environmental Systems Research Institute, Inc. without advertising for bids for
17 software implementation services (subscription), licensing and training services, in an
18 amount not to exceed Seven Hundred Ninety Thousand Eight Hundred Thirty-Three
19 Dollars (\$790,833) for the first year; and, in an annual amount not to exceed Two
20 Hundred Thousand Dollars (\$200,000) for maintenance and support for the three (3)
21 subsequent years. The parties will have the option to renew this contract for two (2)
22 additional one-year periods, at the discretion of the City Manager.

23 Section 2. This resolution shall take effect immediately upon its adoption
24 by the City Council, and the City Clerk shall certify the vote adopting this resolution.

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I hereby certify that the foregoing resolution was adopted by the City Council of the City of Long Beach at its meeting of _____, 2016 by the following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

City Clerk

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
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Long Beach, CA 90802-4664