



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: November 22, 2016

TO: Mayor and Councilmembers

FROM: Information Technology Division, Administrative Services Department and Public Works Department

SUBJECT: Upgrade Of Cartegraph Asset Management Software For Maintenance Work Order Tracking For Water And Wastewater Funds

RECOMMENDATION: That Council:

- A. Authorize the Administrative Services Director to execute a purchase agreement with Cartegraph Systems, Inc., for implementation of the Operations Management System (OMS) for the Water And Wastewater Funds, in the amount of \$242,100, and approve an additional \$24,507 for contingency costs that may be necessary during the implementation, for a total authorization not to exceed \$266,607; and
- B. Authorize the Administrative Services Director to execute an amendment to the master agreement with Cartegraph Systems, Inc., for the acquisition of additional Cartegraph OMS and ArcGIS On Line licenses, in the amount of \$14,969 for Fiscal Year 2017, and \$12,805 per year for Fiscal Years 2018 and 2019, for a revised contract amount of \$182,585; and
- C. Approve an increase in appropriations and estimated revenues by \$269,279 in the Information Technology Capital Fund to cover the Fiscal Year 2017 cost of the implementation and additional licenses, funded from transfers from the Water Fund (\$89,523) and Wastewater Fund (\$180,053).

DISCUSSION:

Background

On June 28, 2016, following an extensive needs analysis, Council authorized an upgrade from Cartegraph Navigator Asset Management software to Cartegraph Operations Management System (OMS) for the following City operations: Airport, Public Works Traffic Engineering, Public Works Transportation, and the Waterfront because the Navigator software was nearing its support "end of life" and had a number of issues due to its age.

Public Works Water Distribution, Public Works Wastewater Collection, and Parks and Recreation were not ready to proceed with the upgrade at that time. Staff notified Council that we would return to add more licenses and software customization with Cartegraph and seek Council approval when they were ready to proceed. Since that time, Water Distribution and Wastewater Collection have concluded needs assessment and negotiations with Cartegraph and are ready to proceed with the upgrade.

BUDGET/FINANCIAL INFORMATION:

The total contract amount for the Water and Wastewater implementation is \$242,100 with increased licensing costs of \$40,579 over a three-year period. The Fiscal Year 2017 cost will be \$245,069, which includes \$14,969 for OMS and ESRI software licensing covering the first year, \$209,300 for professional implementation services, and \$20,800 for expenses. Staff is also requesting \$24,507 for any contingency costs that may arise during implementation, for a total Fiscal Year 2017 cost of \$269,576.

The Fiscal Year 2017 cost of \$269,576 will be paid out of, and in proportion to, the operating funds that use the system, as shown below. Each of these funds have existing appropriations to cover their respective share of the costs.

1. Water Fund - \$89,523
2. Wastewater Fund - \$180,053

Beginning in Fiscal Year 2018, the City will pay annual costs for OMS modification and support, which is fixed at \$12,000 for Fiscal Year 2018, and annual fees for the additional Cartegraph OMS licenses, fixed at \$12,805 per year in Fiscal Years 2018 and 2019. These costs will be almost entirely offset by the \$24,805 reduction in previous Navigator support and maintenance fees.

Also beginning in Fiscal Year 2018, the City will need to purchase the additional ESRI licenses directly from ESRI for \$10,000 per year in order to take advantage of the mapping functionality built in to the OMS software. That cost is not included in these agreements with Cartegraph. Separate authorization will be sought for the additional ESRI costs with the next Two Year Financial Plan.

SUSTAINABILITY IMPACT:

The Cartegraph Operations Management System provides electronic work order forms, asset maps, and information on tablet computers for maintenance staff to use in the field in place of paper documents and maps.

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A copy of the agreement is available for public review in the City Clerk's Office.

PREPARED BY: Maryanne Knight, Information Technology Manager

SUBMITTED BY: Kristine Schmidt, Administrative Services Director

APPROVED BY: City Administrator's Office