



MEMORANDUM

To: Mayor and City Council

From: Kent Collins, P.E., Director of Public Works

Date: January 26, 2021

Reference: Enterprise Asset Management System (EAM) Contract with Cartegraph Systems, LLC

2030: Sustainable City Government, Goal 3
Excellent and Well-maintained City Infrastructure and Facilities

General Information:

- Request for Proposal (RFP) – December, 2020
- One proposal received from Cartegraph Systems, LLC for \$288,085.00
- 20 month implementation schedule
- Separate contracts with Tyler and Online Business Systems for Integration and Project Management
- Total EAM project cost of approximately \$562,000.00, including software, project management, and integrations
- Software as a Service model
- Currently use Tyler Public Maintenance Management (PMM) for work order and asset management; PMM becoming obsolete
- Evaluated other Enterprise Asset Management Systems

Introduction:

Consider approval of a contract with Cartegraph Systems, LLC., in an amount of \$288,085.00, for the purchase of an Enterprise Asset Management System (EAM); and authorizing the City Manager to sign any necessary documents.

Analysis:

The City implemented a system for the management of work orders, permitting, and work management in 2016. This system, Tyler Public Maintenance Management (PMM), was implemented in conjunction with a separate system to handle the land development process. Tyler

has ceased development and refinement of the current system and staff has determined through extensive investigation that the new Tyler product, Tyler EAM, does not meet the current or long-term needs of the city. Those requirements include: data flexibility; GIS-centric; handle all asset types; include asset performance capabilities; proven experience integrating with Tyler products; ease of use. Based on these requirements and evaluation of the EAM products available, staff determined that Cartegraph Systems offered the best product (Cartegraph Operations Maintenance System, or OMS) to meet the city's needs. To ensure the best pricing and that our specific requirements would be addressed, a request for proposals was issued in December, 2020 for the OMS software and implementation. Cartegraph Systems was the only responder to the request.

A companion item is included on the agenda this evening to consider an amendment to Online Business Systems for project management services associated with the implementation of the Cartegraph OMS. Other contractual support will be needed from Tyler during the system integration portions of the project (integrating with Tyler MUNIS and Energov systems).

Legal Review:

The contract was reviewed by the City Attorney.

Fiscal Impact:

The fiscal impact of this Agenda item is a total of \$288,085.00, as provided in undesignated fund balance in the General Fund, Drainage Utility Fund, and Water/Sewer Utility Fund.

Recommendation:

The Public Works Department recommends approval of this contract.