



AGENDA MEMORANDUM

Action Item for the City Council Meeting April 21, 2020

DATE: April 21, 2020

TO: Peter Zaroni, City Manager

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<p>e-Builder Enterprise Software License Agreement for Engineering Services</p>
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CAPTION:

Motion authorizing a five-year license agreement with e-Builder, Inc. in an amount of \$3,795,755.48 for the purchase of licenses and support maintenance for Engineering Services, with FY 2020 funding in the amount of \$1,121,549.46 available through the Engineering Services Fund.

SUMMARY:

The motion authorizes a service agreement with e-Builder, Inc. for the purchase of licenses and support maintenance for Engineering Services through a U.S. General Services Administration (GSA) contract. This application is a cloud-based project management information solution that is specifically designed to track and manage portfolios of projects through the entire project lifecycle.

BACKGROUND AND FINDINGS:

Currently, the Engineering Services Department does not have a specialized application program for managing the development of various documents for capital projects. The document management during the construction process requires an enormous amount of information and data transfer. Engineering Services uses a collection of standard desktop tools such as email, file transfer applications, spreadsheets on Microsoft Excel, hard-copy documents and manually developed reports to manage the flow of information.

This ad hoc manner of management is inefficient and causes delays to key business processes such as project bidding, pay application approvals and change order processing. Engineering Services currently has 57 active construction projects and 331 projects in various stages of design that are being managed through the inefficient and timely process. E-builder will be used to track and manage these projects which account for \$110 million in Bond projects and \$328 million in Capital Improvement Projects. Additionally, e-Builder will allow for the easy transition of project management to employees throughout the department.

There are commercially available applications that are developed specifically for managing portfolios of projects. E-Builder is one such application. It is a cloud-based project management information solution that is specifically designed to track and manage portfolios of projects throughout the project lifecycle. E-Builder combines planning, cost management, controls, process automation, reports, dashboards, scheduling and bid management into one software program. In addition, this program will integrate with our financial accounting system which will save time on processing, enhance reporting capabilities, provide real time accurate data, and provide audit oversight. The program has additional functionalities that can be utilized by other operating departments to assist with tasks such as work order development, delivery order development, permit processing, and invoice processing. E-builder will integrate with the Infor system the City uses for various functions.

The Information Technology Department reached out to the Contracts and Procurement Department to issue a long-term contract utilizing an existing GSA contract. Contracts awarded through the GSA have been competitively procured, in compliance with Texas local and state procurement requirements.

ALTERNATIVES:

An alternative would be for Engineering Services to continue to conduct project management using current IT solutions. This is less efficient and will continue to result in execution delays and other suboptimal project outcomes.

FINANCIAL IMPACT:

The fiscal impact for the Engineering Services in FY 2020 is an amount not to exceed \$1,121,549.46 for the first year of the five-year agreement with the remaining cost of \$2,674,206.02 to be budgeted in future years through the annual budget process.

Funding Detail:

Fund:	5310 Engineering Services
Organization/Activity:	11150 Dir of Engineering Services
Mission Element:	011 Managing Projects
Project # (CIP Only):	n/a
Account:	550730 Computer Equip & Software
Cost:	\$546,367.90

Fund:	5310 Engineering Services
Organization/Activity:	11150 Dir of Engineering Services
Mission Element:	011 Managing Projects
Project # (CIP Only):	n/a
Account:	550950 Outside Consultants
Cost:	\$575,181.56

RECOMMENDATION:

Staff recommends approval of this motion authorizing a five-year agreement with e-Builder, Inc., for the purchase and support of licenses for Engineering Services as presented.

LIST OF SUPPORTING DOCUMENTS:

License Agreement
Price Sheet