
City Council Regular Meeting

DEPARTMENT: Public Works

FROM: Eric Oscarson, Public Works Director

MEETING: July 18, 2022

SUBJECT:

Consider approval of an amendment to contract CSO#1713-04-2021 with e-Builder, Inc. in the amount not to exceed \$75,000.00. *(Staff Contact: Eric Oscarson, Public Works Director)*

SUMMARY:

On April 15, 2021, the City Council approved contract CSO#1713-04-2021, with e-Builder, Inc. for the purchase of capital project management software. The capital division spent several months working with e-Builder to create processes that allow project managers to track and manage project schedules and budgets more efficiently than traditional project management tools such as MS Excel. The CIP project managers have implemented e-Builder in their project management process and with the recent passing of the bond program and proposed Water/Wastewater CIP, e-Builder will be a valuable tool for the team to track the estimated \$160 million CIP program over the next five years.

After evaluating the functionality of the project management software, the development team proposes utilizing the software to track development projects. Currently, the development team has over 50 projects in various stages of review and construction and utilizes multiple programs such as MS Excel and TEAMS to track the development process. Using multiple software programs creates challenges for the development engineers to ensure all required documentation is provided before accepting the public infrastructure.

The development team will work with e-builder representatives to create processes for development projects that will allow the development team to track projects from start to finish in one program. This will improve overall efficiency and ultimately decrease review time, and decrease overall project timeframes.

Incorporating the development process into e-Builder will allow the City's engineering inspector team to utilize one software instead of multiple programs for two divisions, creating a more efficient inspection process. Engineering inspectors will be able to capture and load project photos straight into e-Builder and attach testing reports allowing for more complete and comprehensive project history. The engineering inspectors will also be able to mark up construction plans electronically in the field, documenting any field changes as they occur instead of hand markings that can get lost during a project.

Overall, e-Builder will allow staff to implement effective project controls to ensure effective schedule management, improved workflow, and proper documentation to make sure balls are not dropped.

E-Builder also allows for the creation of standardized workflows for the entire division. This allows staff to automate many manual processes, improving accuracy, reducing mistakes, and reducing labor hours, resulting in higher production and improved quality. It also eliminates siloed data, providing management the tools needed to easily see the big picture while drilling into data, effectively holding staff, consultants, and construction contractors accountable.

The total contract is \$75,000 with \$45,000 for implementation and \$30,000 for training. Approval of the contract amount will allow staff to begin building the processes for the development team in the current fiscal year.

OPTIONS:

- 1) Approve an amendment to the contract with e-Builder, Inc. in the amount not to exceed \$75,000.00.
- 2) Deny an amendment to the contract with e-Builder, Inc. in the amount not to exceed \$75,000.00.

RECOMMENDATION:

Approve an amendment to the contract with e-Builder, Inc. in the amount not to exceed \$75,000.00.

FISCAL IMPACT:

Budgeted Y/N: Y

Fund Name:

Full Account #s: 001-5512-437.32-02

Amount: \$75,000

Project (if applicable):

Financial Considerations:

STAFF CONTACT:

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