

Memorandum No. 20-05

DATE: October 30, 2019

TO: City Commission

THRU: Greg Harrison, City Manager
John Sfiropoulos, City Engineer
Tammy Good, CIP Manager

FROM: Matthew Kudrna, Project Manager II

Request for Approval

Staff is seeking City Commission approval to execute a piggyback agreement for information technology equipment software and services, from e-Builder, Inc. a Florida municipal corporation. The annual software subscription and the one-time implementation services for the e-Builder Enterprise system are based on e-Builder's U.S. General Services Administration (GSA) Contract Number GS-35F-408AA, for a sum of \$190,931.03

Background

The e-Builder Software allows the owner to measure and manage every step of the capital project delivery process from planning, design, procurement, construction and operations. The City will benefit from cost savings, reduced risks, and increased productivity by utilizing the system modules and components including; business process automation (workflows), cost controls, forecasting, change management, automated approval process, dashboards, reporting, bidding module, scheduling module, notifications and document management. The e-Builder software connects all of the internal and external stakeholders to efficiently manage documents, schedule, and communications across all of the projects in the organization. Once the project is complete e-Builder Enterprise will serve as a central repository to store everything including drawings, as-built documents, and warranty. Having all documentation in one place allows for team members to pull the latest information instantaneously. The system is modular, and entirely accessible and configurable via the internet, which encourages better participation from contractors and design firms and increases budget, schedule, and quality performance.

Cost Benefit Analysis: e-builder, project management information system (PIMS)

Tangible costs: Labor costs, overhead, and decreased quality and production.

Tangible benefits: Increased production and quality, and reduced costs and risk (integrated, secured, and unlimited document server).

- If each of our six project managers saved a minimum of 1-hour each day (estimated) with the use of e-Builder, this would translate to 96-hours per month. Assuming an average loaded rate (inclusive of fringe benefits) of \$60/Hr. the savings would total nearly \$70,000/year. Based on this cost savings, the implementation, setup and training would pay for itself in under 2 years and moving forward the software subscription cost per year would be covered by this savings on an annual basis.

Intangible costs: Customer, employee, vendor, and contractor dissatisfaction.

Intangible benefits: Goodwill and customer, employee, vendor, and contractor satisfaction.

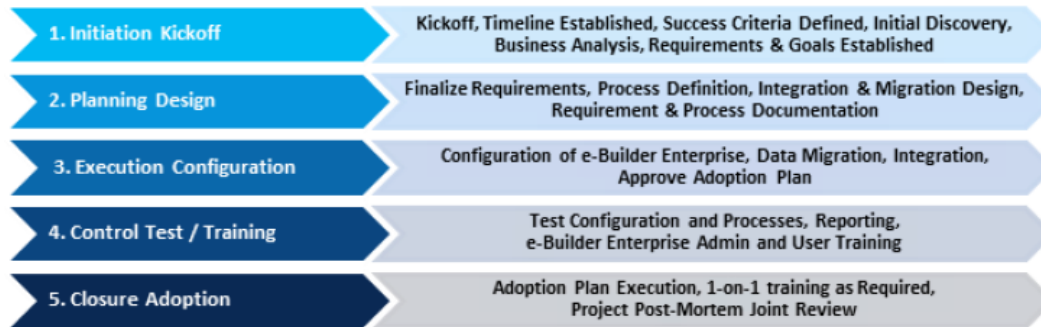
Scope of Work

e-Builder Enterprise is a fully integrated, cloud-based SaaS (software as a Service or subscription based) project management information system (PMIS), that manages the entire life-cycle of capital improvement programs (CIP). Each line item and detail of a project is tracked and managed from the planning phase through

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construction. e-Builder Enterprise's integrated modules eliminates data silos and allows for real-time tracking and visibility into the entire project. Unlimited users and unlimited document storage. The e-Builder enterprise implementation process and major phases are shown below.



Recommendation

Staff recommends Approval of the Resolution, which will be funded from 309-3011-530.52-25