



**AGENDA MEMORANDUM**  
Action Item for the City Council Meeting of June 11, 2019

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**DATE:** May 3, 2019

**TO:** Peter Zaroni, City Manager

**THRU:** Mark Van Vleck, Assistant City Manager  
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**FROM:** Jeff H. Edmonds, P. E., Director of Engineering Services  
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<p><b><u>Professional Services Contract</u></b> <b>Elevator Modernization Multiple Locations</b> <b>(Bond 2018, Propositions D, E, &amp; F)</b></p>
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**CAPTION:**

Motion awarding a design contract to Bath Engineering for the 2018 Bond Project for Elevator Modernization at Multiple Locations in the amount of \$99,750 for design, bid and construction phase services to replace and upgrade five (5) elevators and corresponding equipment with funding available in various 2018 Bond Propositions.

**PURPOSE:**

This provides for engineering and design services to modernize five (5) elevators and corresponding equipment at various City buildings.

**BACKGROUND AND FINDINGS:**

The elevators under this contract are in five (5) City-owned facilities, averaging over 40 years old and are beyond the 20-year design and economical service life expectancy. Equipment and components are obsolete consequently leaving the elevators marginally serviceable. Proposed improvements address renovations necessary to modernize the elevators.

Engineering design and construction for elevator modernizations were approved in Bond 2018 Propositions as follows:

- Proposition D – Libraries and Cultural Facilities Improvements
  - La Retama Central Library
  - Art Museum of South Texas
- Proposition E – Public Safety Improvements
  - Police Department Headquarters
  - Fire Department Headquarters
- Proposition F – Public Health Improvements
  - Heath Department Building

Modernization is required to replace obsolete equipment to comply with current International Building Code and Life Safety Codes. Proposed improvements include modernizations and replacement of the following:

- Mechanical/Electrical Components
- Speed and Location Controllers
- Hydraulic Power Pump Units
- ADA Features
- Slow, Stop, and Leveling Systems
- Floor and Direction Indicator Buttons
- Safety Equipment
- Interior and Exterior Lighting

This contract provides engineering and design for preparation of bid documents with additional bid phase and construction phase technical support. The scope of engineering services includes:

- Conduct field investigations and testing on elevator systems
- Testing and abatement plans for hazardous materials including asbestos and lead paint
- Evaluation of current technology and equipment available and compatible for retrofits
- Design workshops with staff
- Analysis and prioritize recommendations for proposed improvements
- Preparation of required design submittals and construction documents sealed by State of Texas registered Professional Engineer
- Bid phase technical and administrative support
- Construction phase technical and administrative support
- Submit “As-Built” drawings after construction

#### **ALTERNATIVES:**

1. Authorize execution of professional services contract. (Recommended)
2. Do not authorize execution of professional services contract. (Not Recommended)

#### **OTHER CONSIDERATIONS:**

Bath Engineering was selected for this project under RFQ No. 2018-10.

#### **CONFORMITY TO CITY POLICY:**

Complies with statutory requirements for professional services contracts. Conforms to FY 2018-2019 Capital Improvement Planning (CIP) Budget.

**EMERGENCY / NON-EMERGENCY:**

Non-Emergency

**DEPARTMENTAL CLEARANCES:**

Asset Management

**FINANCIAL IMPACT:**

☐ Operating      ☐ Revenue      **X Capital**      ☐ Not applicable

<b>Fiscal Year 2018-2019</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget		1,550,000		1,550,000
Encumbered / Expended Amount		0		0
<b>This item</b>		<b>99,750</b>		<b>99,750</b>
Future Anticipated Expenditures This Project		1,430,800		1,430,800
BALANCE		19,450		19,450

Funds: Bayfront 2019 Bd 18 (Fund 3128); Library 2019 Bd 18 (Fund 3227); Fire 2019 Bd 18 (Fund 3192); Police 2019 Bd 18 (Fund 3343); Health Building 2019 Bd 18 (Fund 3372)

**RECOMMENDATION:**

City staff recommends approval of a professional services contract with Bath Engineering of Corpus Christi, Texas, in the amount of \$99,750.

**LIST OF SUPPORTING DOCUMENTS:**

Project Budget  
Location Map  
Presentation  
Contract