



AGENDA MEMORANDUM

Action Item for the City Council Meeting May 25, 2021

DATE: May 18, 2021

TO: Peter Zaroni, City Manager

FROM: Peter Collins, Chief Information Officer of Information Technology
PeterC@cctexas.com
(361) 826-3735

Josh Chronley, Interim Assistant Director of Contracts and Procurement
JoshC2@cctexas.com
(361) 826-3169

Removal of Harbor Bridge Decorative Lighting System

CAPTION:

Resolution authorizing a service agreement with Pfeiffer & Son, LTD of LaPorte, Texas in the amount of \$448,725.00 for the removal of the Harbor Bridge Decorative Lighting System effective upon issuance of a notice to proceed with FY 2021 funding in the amount of \$448,725.00 available in the General Fund; and authorizing the City Manager or designee to negotiate a Memorandum of Understanding for in kind services with the Port of Corpus Christi and Texas Department of Transportation (TXDOT) for a value of approximately \$150,000 from each entity.

SUMMARY:

This agenda item is for approval of a mobilization agreement to remove the Harbor Bridge Decorative Lighting System because the lighting system structure has become unstable resulting with lighting component units detaching and falling from the Harbor Bridge.

BACKGROUND AND FINDINGS:

In 2010, Pfeiffer & Son installed a decorative lighting system on the Harbor Bridge. The last inspection was in 2017. In March 2020, the city manager transferred responsibility for the Harbor Bridget Lighting System ("bridge lighting system") from an assistant city manager to the chief information officer. In March 2020, Information Technology (IT) staff attempted to get an inspection of the lighting system; however, because of the COVID-19 pandemic, travel restrictions delayed the inspection until December 2020.

In December 2020, the City Council approved an agreement with Pfeiffer & Son to

perform an inspection of the bridge lighting system and to secure or remove any pieces of the lighting system if they were in danger of falling to the ground. Pfeiffer & Son is a Texas Department of Transportation (TxDOT) certified contractor that can perform work on the Harbor Bridge and is the original electrical contractor that installed the bridge lighting system in 2010.

The inspection identified that the existing steel unistruct mounting brackets (encased in PVC pipes) holding the bridge lighting system are severely corroded and unstable. The mounted brackets have become compromised and can break at any time

Pfeiffer & Son provided two options for the City of Corpus Christi:

1. Replace all corroded mounting brackets with stainless steel brackets and repair some of the lighting at an approximate cost estimate from \$850,000 to \$1,000,000 which would take 16 weeks to complete; or
2. Remove the entire bridge lighting system at a cost of \$448,725 which would take 10 weeks to complete.

Scott Electric, Pfeiffer & Son, and TxDOT have made multiple repairs including removal of pieces of the bridge lighting system in the past year. At this time, it is recommended to completely remove the bridge lighting system.

ALTERNATIVES:

The alternative is to replace the mounting brackets holding the Harbor Bridge Decorative Lighting System with stainless steel brackets at a cost estimate from \$850,000 to \$1,000,000 which would take 16 weeks to complete.

FISCAL IMPACT:

In 2010, the City of Corpus Christi and the Port of Corpus Christi entered into a Local Transportation Project Advance Funding Agreement (“AFA”) with the Texas Department of Transportation (TxDOT) for the installation, maintenance, and operations of decorative lighting on the Harbor Bridge.

The fiscal impact for the City’s General Fund in FY 2021 is an amount not to exceed \$450,000.00. \$500,000.00 is available in the General Fund’s operating contingency which is set aside for unforeseen circumstances such as this. The City Manager or designee will negotiate a Memorandum of Understanding for in kind services with the Port of Corpus Christi and Texas Department of Transportation (TXDOT) for a value of approximately \$150,000 from each entity.

FUNDING DETAIL:

Fund:	1020 General Fund
Organization/Activity:	12461 Harbor Bridge Lighting
Mission Element:	053 Signals, Signs, and Markings
Project # (CIP Only):	n/a
Account:	530000 Professional Services

RECOMMENDATION:

Staff recommends approval of a mobilization agreement with Pfeiffer & Son, LTD in the amount of \$448,725.00 for the removal of the Harbor Bridge lighting system.

LIST OF SUPPORTING DOCUMENTS:

Resolution