



AGENDA MEMORANDUM

Future Item for the City Council Meeting of 8/21/2012

Action Item for the City Council Meeting of 8/28/2012

DATE: August 15, 2012

TO: Ronald L. Olson, City Manager

FROM: Daniel Biles, P.E., Director of Engineering Services
danb@cctexas.com; 826-3729

Approval of Professional Services Contract for the Barge Dock Elevation – Phase 1 Project

CAPTION:

Ordinance transferring and appropriating \$350,000 from the Unreserved Fund Balance in No. 1120 Seawall Improvement Fund to and appropriating in the No. 3271 Seawall Type A CIP Fund for the Barge Dock Elevation Phase 1 Project; authorizing the City Manager or designee to execute a Professional Services Contract with RVE, Inc. of Corpus Christi, Texas in the amount of \$309,870.00 for the Barge Dock Elevation Phase 1 Project.

PURPOSE:

To award the professional services contract for the Barge Dock Elevation – Phase 1 project.

BACKGROUND AND FINDINGS:

Original construction of the Barge Dock was completed in 1941, concurrently with the seawall system. Rehabilitation to the Barge Dock ramp was completed in 1983. The last comprehensive inspection and evaluation of the concrete seawall system was completed in 1999. The 1999 evaluation did not include a detailed inspection of the seawall barge dock area and adjoining sloped seawall section. Recent visual observations of this remaining section of the seawall reveal potential structural distress.

The U.S. Department of Homeland Security, Federal Emergency Management Agency (FEMA) is preparing updated and revised Flood Insurance Rate Maps (FIRMs) for Nueces County, Texas. This effort will provide updated Flood Insurance Rate Maps (FIRMs) and a Flood Insurance Study (FIS) for Nueces County, including the City of Corpus Christi. This update is part of FEMA's Risk Mapping, Assessment, and Planning (Risk MAP) and reflects FEMA policy revisions that address future storm surge criteria developed for Post Hurricane Katrina and Hurricane Ike assessment. In particular, FEMA's assessment methodologies of and criteria for storm surge analysis and wave run-up along coastal structures and levee systems have changed.

Therefore, a more detailed forensic assessment of the barge dock and the adjacent sloped seawall is required prior to pursuing the full scope of improvements as identified in the 2012

Capital Improvement Program. An investigation and analysis of the current condition of the barge dock to estimate the fitness of the overall structure to perform as originally designed, per current engineering standards and FEMA approved modeling methods using FEMA-proposed wave run-up data is proposed. This project also provides for collaboration with Barge Dock Stakeholders to determine if the Barge Dock should continue to function as designed, or if additional uses should be considered. Opinions of anticipated construction costs for potential alternatives will be developed for future Type A Board and City Council consideration.

This professional services contract was approved by the Corpus Christi Business and Job Development Corporation on July 16, 2012 to be recommended to the City Council.

ALTERNATIVES:

1. Award the contract to RVE, Inc. as outlined herein.
2. Do not award the contract.

OTHER CONSIDERATIONS:

Project schedule includes completion of detailed forensic assessment in August 2013 and completion of conceptual planning to determine future function of Barge Dock in March 2014.

CONFORMITY TO CITY POLICY:

Conforms to statutes regarding Request for Qualifications process and the FY2012-2013 Capital Budget and conforms to requirements of the Corpus Christi Business and Job Development Board for appropriation and use of Type A funds for seawall maintenance

EMERGENCY / NON-EMERGENCY:

Non-Emergency

DEPARTMENTAL CLEARANCES:

Type A Board

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year: 2012-2013	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget		\$8,700,000.00		\$8,700,000.00
Encumbered / Expended Amount				
This item		\$309,870.00		\$309,870.00
Future Expenditures		\$7,997,500.00		\$7,997,500.00
BALANCE		\$392,630.00		\$392,630.00

Fund(s): Seawall Systems CIP 3271

Comments:

Geotechnical and forensic testing services will also be required to complete this project and the scope and costs associated with these services will be determined as part of this project with subsequent presentation to the Type A Board for consideration.

Future costs associated with design and construction of Barge Dock improvements will be determined pending the results of this assessment with subsequent presentation to the Type A for consideration.

This project is pending funding approval by the City Council and will require close coordination with the City's Type A Board and the City Council.

RECOMMENDATION:

City Staff recommends the contract be awarded to RVE, Inc. of Corpus Christi, Texas, in the amount of \$309,870.00 for the Barge Dock Elevation Project Phase 1.

LIST OF SUPPORTING DOCUMENTS:

Contract
Project Budget
Location Map
Ordinance