



## **AGENDA MEMORANDUM**

First Reading Ordinance for the City Council Meeting of January 12, 2015  
Second Reading Ordinance for the City Council Meeting of January 19, 2016

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**DATE:** January 7, 2016

**TO:** Ronald L. Olson, City Manager

**THRU:** Gustavo Gonzalez, P.E., Assistant City Manager, Public Works and Utilities  
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**FROM:** Valerie H. Gray, P.E., Executive Director, Public Works  
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<p style="text-align: center;"><b><u>Engineering Contract</u></b> <b>McGee Beach Breakwater Improvements</b></p>
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**CAPTION:**

Ordinance amending the FY 2016 Capital Improvement Program budget adopted by Ordinance No. 030621 to add project No. E15219 McGee Beach Breakwater Improvements; increasing expenditures in the amount of \$21,900; and authorizing the City Manager, or designee, to execute a professional services contract with HDR Engineering, Inc. of Corpus Christi, Texas in the amount of \$19,900 to provide an updated concept assessment and opinion of probable construction cost for breakwater improvements at McGee Beach as recommended by the Corpus Christi Business and Job Development Corporation (Type A Board).

**PURPOSE:**

To authorize a professional services contract with HDR Engineering, Inc. to begin assessment of McGee Beach breakwater improvements.

**BACKGROUND AND FINDINGS:**

This project provides for preliminary design phase services to develop the improvement concept and opinion of probable construction cost for the breakwater at McGee Beach. This concept was developed for funding consideration through the City's Seawall 4A Board. The McGee Beach breakwater creates the marina and provides protection to the downtown seawall. Improvement to the McGee Beach breakwater would provide additional protection and stability to the seawall. The project tasks required are listed below.

**Basic Engineering Services:**

- Participate in a kickoff meeting and project site visit with City staff to review project goals and observe general conditions of the existing breakwater and supporting amenities.
- Review the previous project concept and OPCC developed by HDR in 2009.
- Update the improvement concept for the breakwater, adjoining structures, and selected amenities. Anticipated improvements are as follows:
  - Demolition of the concrete pile-supported (elevated) access walkway and replacement with an extension of the rock breakwater.
  - Replacement of the concrete cap/walkway along the rock breakwater
  - Replacement of electrical line/lights
  - Replacement of trash receptacles and signage
  - Replacement of steps between beach and breakwater
  - Replacement of the fish-cleaning station
- Develop an updated OPCC for the breakwater improvement concept and selected amenities. In addition, if replacement of the concrete structure that supports the existing concession area is determined to be necessary, develop OPCC for replacement structure (including concession structure and restrooms).
- Provide a brief technical memorandum summarizing the results.

The assessment and recommendation for repair or replacement of the concrete structure that supports the existing concession area and restrooms was not included in the 2009 improvement concept.

**ALTERNATIVES:**

Not applicable.

**OTHER CONSIDERATIONS:**

This item was approved by the Type A Board on December 14, 2015.

**CONFORMITY TO CITY POLICY:**

Conforms to requirements of the Corpus Christi Business and Job Development Board for appropriation and use of Type A funds for seawall maintenance.

**DEPARTMENTAL CLEARANCES:**

None

**FINANCIAL IMPACT:**

☐ Operating      ☐ Revenue      ☐ Capital      X Other

<b>Fiscal Year: 2015-2016</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget		\$21,900		\$21,900
This Item		19,900		19,900
Encumbered / Expended Amount		2,000		2,000
BALANCE		\$0.00		\$0.00

Fund(s): Type A Board Seawall Maintenance Fund

**Comments:**

**RECOMMENDATION:**

City Staff recommends approval of the engineering contract for the development of cursory level concept improvements at McGee Beach.

**LIST OF SUPPORTING DOCUMENTS:**

- Contract
- Project Budget
- Location Map