



**AGENDA MEMORANDUM**  
Corpus Christi Business and Job Development Corporation  
Meeting of June 19, 2017

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**DATE:** May 31, 2017

**TO:** President and Honorable Board Members,  
Corpus Christi Business and Job Development Corporation

**THROUGH:** Margie C. Rose, City Manager

**FROM:** Jeff H. Edmonds, P.E., Director of Engineering Services  
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<b>Corpus Christi Museum of Science and History Floodwall</b>
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**MOTION:**

Motion approving the Corpus Christi Museum of Science and History Floodwall project and appropriating \$500,000 from the No. 1120 Seawall Improvement fund for the project, including the cost of a professional engineering services contract in the amount of \$236,310 for survey, design, permitting, bid and construction phase services for the Corpus Christi Museum of Science and History Floodwall.

**BACKGROUND AND FINDINGS:**

This project includes the construction of a new floodwall (or a coastal structure) that would follow a “hypotenuse” alignment between the existing Promenade and the USACE Bulkhead. This project would also backfill the triangle to make it function more like a coastal structure. This would also provide additional land area for future use.

Based on the Engineering Study completed by HDR Engineering in April 2017 (Salt Flats Levee Project, Task Order #5 – Preliminary Design of Floodwall Replacement for Museum of Science and History), HDR Engineering will design a sheet pile retaining wall with a concrete splash pad (erosion protection), and infill between the new sheet pile retaining wall and the Corpus Christi Museum of Science and History building. Construction of the new sheet pile wall will repair one of the flood protection system deficiencies noted as part of Task Order #2 – Flood Protection System Vulnerabilities Identification.

**RECOMMENDATION:**

Staff recommends approving the motion.

**FINANCIAL IMPACT:**☐ Operating☐ Revenue☒ Capital☐ Not applicable

<b>Fiscal Year: 2016-2017</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget		500,000		500,000
Encumbered/ Expended Amount				
<b>This item</b>		<b>236,310</b>		<b>236,310</b>
Future Expenses		263,690		263,690
BALANCE		0		0

Fund(s): Type A Funds