AGENDA MEMORANDUM
Future Item for the City Council Meeting of September 15, 2015
Action Item for the City Council Meeting of September 22, 2015

DATE: September 3, 2015

TO: Ronald L. Olson, City Manager

THRU: Gustavo Gonzalez, P.E., Assistant City Manager, Public Works and Utilities
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Execute Amendment No. 1 to the Contract for Professional Services
Ocean Drive Park Improvements – Swantner Park
Bond Issue 2012

CAPTION:

Motion authorizing the City Manager, or designee, to execute Amendment No. 1 to the Contract for Professional Services with HDR Engineering, Inc. of Corpus Christi, Texas in the amount of $113,900.00, for a total revised fee of $150,900.00 for Ocean Drive Park Improvements – Swantner Park, for design and bid phase services.

PURPOSE:

The purpose of this Agenda Item is to execute Amendment No.1 to the Contract for Professional Services with HDR Engineering Inc. for Ocean Drive Park Improvements – Swantner Park.

BACKGROUND AND FINDINGS:

The scope of this project is a part of the *Ocean Drive Parks – Repairs and Improvements* approved in Bond 2012 Proposition 4 which includes improvements and repairs to Swantner and Cole Park. Specific improvements to Swantner Park included installation of an automatic irrigation system and repairs to the seawall.

Swantner Park's waterfront is protected by a stepped seawall approximately 2,110 feet long. The seawall sections are comprised of 40' long panels spanning between a continuous sheet pile bulkhead on the waterside and timber pilings at the landside. The City conducted field investigations and it was determined that there is severe spalling and deterioration of the surface and voids behind the seawall causing the seawall to

collapse. HDR Engineering, Inc. of Corpus Christi, Texas was previously selected for this project and performed the initial field investigation.

The field investigation included structural inspection of these panels, inspection of the soil conditions behind the concrete panels and steps, repair recommendations, and an engineer's opinion of probable cost for the recommended repairs.

Each of the panels investigated showed considerable voids below the seawall. A gap between adjacent panels and the joints in the sheet pile was observed which indicates areas of instability and structural failure allowing for the erosion (loss) of sub-base support material. Sub-base support material is being loss from under the seawall because this material is able to freely pass through the joints between the concrete panels and sheet pile. These voids also caused the collapse of the sidewalk behind the seawall. To correct these discrepancies the following actions were recommended for design and construction:

- Seal the concrete panel and sheet pile joints to stop support material from migrating out from underneath the seawall and sidewalk.

- The existing sidewalk behind the seawall will be removed and replaced with the voids properly backfilled and compacted.

Based on the field investigation, the engineer's opinion of probable cost for the subsurface and sidewalk repairs is $1,112,000. These repairs will extend the useful life of the seawall but will not correct the degradation of the concrete steps.

This proposed amendment will include:

Task 1: Initiation and Controls – Provide project management, reporting, scheduling, and quality control services for the tasks listed below.

Task 2: Data Collection – Review existing ground conditions of the affected area as well as the surrounding site.

Task 3. Final Design – Identify and select materials to fill voids below the existing seawall and design the sidewalk to replace the existing sidewalk.

Task 4: Preparation of Construction Documents – Prepare drawings and technical specifications sufficient for bidding and construction of the work.

Task 5: Bid Phase Services – Solicit potential bidders, participate in a pre-bid meeting, provide assistance in responding to bidder's questions, provide addendum assistance, attend the bid opening, prepare the bid tabulation, and provide a letter of recommendation for the selected bidder.

<u>**ALTERNATIVES**</u>**:**

1. Execute Amendment No. 1 to the Contract for Professional Services HDR Engineering, Inc. as proposed.
2. Do not execute Amendment No. 1 to the Contract for Professional Services with HDR Engineering, Inc. as proposed.

<u>**OTHER CONSIDERATIONS**</u>**:**

This project was approved November 6, 2012 in the Bond Issue 2012 Package under Proposition No. 4 – Parks and Recreation Improvements

<u>**CONFORMITY TO CITY POLICY**</u>**:**

The Contract for Professional Services and selection process comply with the Professional Procurement Act and City Policy. HDR Engineering, Inc. was selected based upon qualifications, wide working knowledge of applicable project fundamentals, and understanding of project requirements.

EMERGENCY / NON-EMERGENCY:

Not applicable

DEPARTMENTAL CLEARANCES:

Parks and Recreation

FINANCIAL IMPACT:

□ Operating □ Revenue **X** Capital □ Not applicable

Fiscal Year 2014-2015	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget		$750,000.00	$2,250,000.00	$3,000,000.00
Encumbered/Expended Amount				
This item		$113,900.00	$0.00	$113,900.00
Future Anticipated Expenditures This Project		$636,100.00	$760,340.00	$1,396,440.00
BALANCE		$0.00	$1,489,660.00	$1,489,660.00

Fund(s): Parks and Recreation Bond Issue 2012

Comments: Amendment No. 1 to the Contract for Professional Services will result in the expenditure of an amount not to exceed $113,900.00 for a total contract amount not to exceed $150,900.00.

RECOMMENDATION:

City Staff recommends the approval of Amendment No. 1 to the Contract for Professional Services HDR Engineering, Inc.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Amendment No. 1
Presentation