



AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 20, 2015
Action Item for the City Council Meeting of October 27, 2015

DATE: October 14, 2015

TO: Ronald L. Olson, City Manager

FROM: Valerie H. Gray, P.E., Executive Director, Public Works
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Approval of Professional Monitoring Contract
Packery Channel Monitoring 2015-2016

CAPTION:

Motion authorizing the City Manager, or designee to renew the yearly contract for Packery Channel Monitoring for Fiscal Year 2015-2016 by executing Amendment No. 11 between the City of Corpus Christi and Texas A & M University-Corpus Christi in the amount of \$350,703.00.

PURPOSE:

The purpose of this Agenda Item is to authorize the proposed consultant to continue monitoring of the Packery Channel through Fiscal Year 2015-2016.

BACKGROUND AND FINDINGS:

Packery Channel monitoring began in 2003 by Texas A&M University-Corpus Christi (TAMUCC) Division of Nearshore Research (DNR). DNR's monitoring was conducted under sponsorship of the U.S. Army Corps of Engineers (USACE), Galveston District. USACE ceased monitoring efforts in 2007. The City assumed sponsorship of monitoring in 2008 and contracted with DNR to continue monitoring. This is a specialized service that was developed in partnership with the university and DNR.

The monitoring program consists of three seasonal investigations of shoaling and scour in the channel and nearshore (Gulf of Mexico) as well as changes in the width/depth of the inland channel segment and beach width/volume as related to:

- Post-dredge and post-nourishment monitoring
- Future dredge planning and support
- Navigation safety and placement of aids to navigation where required
- Beach nourishment planning and support
- Sensitive habitat management at the Mollie Beattie Coastal Habitat Community (MBCHC)
- FEMA reimbursement documentation

- Data acquisition for application of structural stability assessment (coastal structures: jetties, revetment, bridge scour protection)
- Public awareness and community education/outreach
- Support and collaboration on vicinity coastal projects and concerns.

This monitoring provides crucial information to the City to understand the shoaling and scour in the Packery Channel and tracks changes through historic beach profile and shoreline surveys for planning beach nourishment and/or redirection of vehicular access. This information allows strategic decisions for the timing of dredging and beach nourishment. This information is also important to navigation safety with the placement of navigation aids, and the management of sensitive habitats.

ALTERNATIVES:

1. Approve Amendment No. 11 to the contract with TAMU-CC as proposed.
2. Do not approve Amendment No. 11 to the contract with TAMU-CC as proposed.

OTHER CONSIDERATIONS:

This professional services contract was presented to the Island Strategic Action Committee (ISAC) on August 4, 2015 and was recommended for City Council consideration.

CONFORMITY TO CITY POLICY:

The contract and selection process complies with Professional Procurement Act, City Policy, statutes regarding Fiscal Year 2015-2016 Capital Improvement Budget, and conforms to the appropriation and use requirements of ISAC and the Tax Increment Reinvestment Zone (TIRZ) No. 2.

EMERGENCY / NON-EMERGENCY:

Non-emergency

DEPARTMENTAL CLEARANCES:

Parks and Recreation

FINANCIAL IMPACT:

☐ Operating ☐ Revenue ☒ Capital ☐ Not applicable

Fiscal Year 2015-2016	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget		\$510,000		\$510,000
Encumbered / Expended Amount				
This item		350,703		350,703
Future Anticipated Expenditures		13,250		13,250
BALANCE		146,047		\$146,047

Fund(s): Packery Channel Projects TIF #2, Parks and Rec, Seq. No. 11

COMMENTS:

N/A

RECOMMENDATION:

City staff recommends the approval of Amendment No. 11 to the Contract for Professional Monitoring be awarded to TAMU-CC in the amount of \$350,703.00

LIST OF SUPPORTING DOCUMENTS:

Contract
Project Budget
Location Map
Presentation