



AGENDA MEMORANDUM

Action Item for the City Council Meeting of February 9, 2021

DATE: February 9, 2021

TO: Peter Zaroni, City Manager

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**License Agreement with Port of Corpus Christi Authority for the Placement of
Dredge Material**

CAPTION:

Motion authorizing a License Agreement with the Port of Corpus Christi Authority to allow the City of Corpus Christi to deposit dredged material at the Rincon B West Dredge Material Placement Area from the breakwater in-between the Marina and McGee Beach, located in Council District 1, in an amount of \$278,060.00, with FY 2021 funding available from the Seawall CIP Fund.

SUMMARY:

This motion authorizes a License Agreement with the Port of Corpus Christi Authority (POCCA) to allow the City to place dredge material at the Rincon B West Dredge Material Placement Area. The dredge material will be collected as part of the Marina and McGee Beach Breakwater Phase I Repairs & Boat Basin Dredging Project. These projects were combined into a single bid package to facilitate execution.

BACKGROUND AND FINDINGS:

The marina breakwater was originally constructed in the 1920's. The breakwater reduces wave energies to the area enclosed by the breakwater protecting vessels and infrastructure. In 1946, a concrete cap was added to the breakwater that extended approximately 1,750 feet north from McGee Beach. The concrete cap was re-built in 1981. Currently, the breakwater's concrete cap is experiencing severe structural degradation due to age and environmental exposure. The proposed improvements will make repairs to the existing stone breakwater and remove and replace the existing concrete cap with one that is 2 feet wider and 1 foot taller.

The marina is also experiencing shoaling between the breakwater and the R-Pier. The shoaling is constricting navigation. There is also shoaling around the breakwater at the marina entrance. This material needs to be dredged to prevent impediments to navigation. Originally, it was hoped that this material could be placed on McGee Beach; however, analyses indicated high organics

and inappropriate gradation. As a result, staff pursued an agreement with the POCCA for placement of the dredged material into one of their permitted Dredge Material Placement Areas (DMPA's).

This proposed License Agreement will allow placement of 40,000 cubic yards (CY) of dredge material in the POCCA DMPA located in Rincon B West near Burleson Street and Rincon Road in North Beach. Per the agreement with POCCA, the City will be responsible to pay 90% of the costs upon signing of the agreement. The General Contractor will then pay the remaining 10% upon placement. The City is responsible for the following amount: $\$7.71/\text{CY} \times 0.90 \times 40,000 \text{ CY} = \$277,560.00 + \$500.00$ administrative fee totaling \$278,060.00.

The Phase I Breakwater Repairs and Boat Basin Dredging will be advertised for bids later in February.

ALTERNATIVES:

The City will have to look for an alternative dredge placement site which may delay the projects and may incur additional delays and cost.

FISCAL IMPACT:

The fiscal impact in FY 2021 is an amount of \$278,060.00 with funding available from the Seawall CIP Fund.

FUNDING DETAIL:

The project is funded by Seawall CIP. The Capital Improvement Program (CIP) shows the project is planned for FY 2021 with project names McGee Beach Breakwater Phase I Repairs & Boat Basin Dredging Project (E16318 and E16321). These projects will be advertised for bids in February. The expenditures to place the dredge materials are included with the construction cost.

Fund: Seawall Sys CIP (Fund 3271)
Mission Elem: Seawall (ME 707)
Project No.: Repair Marina Breakwater at McGee Beach (Project# E16318)
Account: Outside Consultant (Account #550950)
Activity: E16318-01-3271-EXP
Amount: \$139,030.00

Fund: Seawall Sys CIP (Fund 3271)
Mission Elem: Seawall (ME 707)
Project No.: Magee Beach Nourishment/ Boat Basin Dredging (Project# E16321)
Account: Outside Consultant (Account #550950)
Activity: E16321-01-3271-EXP
Amount: \$139,030.00

RECOMMENDATION:

City staff recommends approval of the Motion authorizing a License Agreement with the Port of Corpus Christi Authority.

LIST OF SUPPORTING DOCUMENTS:

Location Map

License Agreement