



Project Administration Department

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Memorandum

Date: May 4, 2020
To: Jay Jackus, Procurement Services Director
From: Bob Robertson, Project Administration Department Director *RRP*
Subject: Authorize Staff to Proceed with Seawall Master Plan project

Recommendation

Authorization is requested to proceed with City-wide Seawall Master Plan to be conducted by Cardno, Inc. for an amount not to exceed \$35,490.

Background

City staff has worked with Cardno Inc, one of the City's Continuing Services Engineering consultants, to prepare a draft scope to conduct an assessment of City-owned and maintained seawalls. The scope also includes an evaluation of suggested measures to combat sea level rise and preparation of a master plan -- a prioritized program for repairs, upgrades, replacements, and/or improvements as may be required.

The Engineer has documented eighteen (18) seawall systems that are maintained by the City, totaling approximately 4,730 feet (0.9 miles) in total length.

The Engineer will evaluate each seawall by conducting landside hands-on inspections, seaside hands-on inspections, wall measurements, and other non-destructive inspection techniques based their experience and expertise. The report document will contain a condition assessment for each seawall as well as recommendations for repairs and budget-level cost estimates for each segment, including options to address sea-level rise.

From these evaluations, a prioritized Master Plan document will be prepared by the Engineer and presented to the BOC for final review and approval.

Funding

Funding for this project will be provided through **Project Number TR2003** in account number **307-8603-543.6300 (Penny fund)** as included in the FY2020 Budget. This work will be provided by Cardno Inc. under the terms of an existing Continuing Services (i.e. Engineer of Record) agreement.