



**CITY OF FORT LAUDERDALE
City Commission Agenda Memo
REGULAR MEETING**

#21-0853

TO: Honorable Mayor & Members of the
Fort Lauderdale City Commission

FROM: Chris Lagerbloom, ICMA-CM, City Manager

DATE: October 5, 2021

TITLE: Resolution Authorizing Execution, by the City Manager, of a Grant Agreement with the Florida Department of Environmental Protection (FDEP) for the Hendricks Isle Seawalls Project in the amount of \$449,718 - **(Commission District 2)**

Recommendation

Staff recommends the City Commission approve a resolution authorizing the City Manager to execute a Grant Agreement (Exhibit 1) from the Florida Department of Environmental Protection (FDEP) in the amount of \$449,718 and execute any documents required to accept funds, between the FDEP and the City of Fort Lauderdale for the Hendricks Isle Seawall Project.

Background

The Hendricks Isle Seawall Project is for the replacement of two City-owned seawalls located along Hendricks Isle, measuring 265 linear feet (LF) and 60 linear feet (LF) respectively. These seawalls are over 50 years old and are structurally deficient and functionally obsolete. In addition to their poor structural condition, the existing seawalls are overtopped during higher-than-normal tidal events, negatively impacting infrastructure on the public right-of-way, as well as private property along Hendricks Isle.

The Hendricks Isle Seawall Project will replace the existing seawalls with watertight steel sheet piling designed to a top wall elevation of 5 feet of National Geodetic Vertical Datum (NAVD). This elevation is based on future sea levels as described in the Southeast Florida Regional Climate Change Compact Unified Sea Level Rise Projection.

This grant will fund 50% of the project construction costs with no local match required to accept these grant funds and requires that all work be completed by June 30, 2022. The remaining construction costs will be funded from the Community Investment Plan.

Resource Impact

This action will result in a positive fiscal impact to the City in the amount of \$449,718 for this grant acceptance and \$566,718 for the remaining construction costs and in-house project management fees, which will be appropriated to the accounts below contingent

upon the approval of the Consolidated Budget Amendment CAM 21-0602.

Source:

Funds available as of October 1, 2021					
ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
129-P12695.129-D329	Hendricks Isle Seawalls Replacement	Intergovernmental Revenue/ Florida Department of Environmental Protection	\$0	\$0	\$449,718
TOTAL AMOUNT ►					\$449,718

Use:

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
129-P12695.129-6599	Hendricks Isle Seawalls Replacement	Capital Outlay/ Construction	\$0	\$0	\$449,718
TOTAL AMOUNT ►					\$449,718

Source: (Cash Match)

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB- OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
331-P12330.331-6599	City Owned Seawall Restoration / Replacement	Capital Outlay / Construction	\$2,358,822	\$2,358,822	\$566,718
TOTAL AMOUNT ►					\$566,718

Use: (Cash Match)

ACCOUNT NUMBER	INDEX NAME (Program)	CHARACTER CODE/ SUB-OBJECT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
331-P12695.331-6501	Hendricks Isle Seawalls Replacement Project	Capital Outlay / Force Account Charges	\$0	\$0	\$117,000
331-P12695.331-6599	Hendricks Isle Seawalls Replacement Project	Capital Outlay/ Construction	\$0	\$0	\$449,718
TOTAL AMOUNT ►					\$566,718

Strategic Connections

This item is a *2021 Top Commission Priority*, advancing the Resiliency initiative.

This item supports the *Press Play Fort Lauderdale 2024* Strategic Plan, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community
- Objective: Reduce flooding and adapt to sea level rise

This item advances the *Fast Forward Fort Lauderdale 2035* Vision Plan: We Are Ready.

This item advances the *Advance Fort Lauderdale 2040* Comprehensive Plan specifically advancing:

- The Infrastructure Focus Area
- The Climate Change Element
- Goal 2: Achieve a climate-resilient community through the protection and adaptation of public infrastructure, services, and natural resources from adverse climate change impacts

Attachments

Exhibit 1 – Florida Department of Environmental Protection Agreement #R2226

Exhibit 2 – Resolution

Prepared by: Rares Petrica, Senior Project Manager, Public Works
Francisco Rios, Project Manager II, Public Works
Shannon Barrett, Financial Administrator, Public Works

Department Director: Alan Dodd, P.E., Public Works