



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

**# 22-1120**

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

**FROM:** Greg Chavarria, City Manager

**DATE:** December 6, 2022

**TITLE:** Resolution Authorizing the Acceptance of Grant Funds from the Florida  
Division of Emergency Management Awarded to the City of Fort Lauderdale  
for a Watershed Master Plan and the Execution of Related Agreements –  
**(Commission Districts 1, 2, 3 and 4)**

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**Recommendation**

Staff recommends that the City Commission consider a resolution authorizing the City Manager to accept a grant in the amount of \$150,000 from the Florida Department of State and authorize the City Manager or designee to execute documents required to accept the funds including negotiating and executing any procurement agreements pursuant to the subaward agreement subject to approval of the City Attorney's Office.

**Background**

The Florida Division of Emergency Management (FDEM) initiated a project using Federal Emergency Management Agency (FEMA) funding for the purpose of creating standardized, cost-effective, and easily replicable Watershed Master Plans (WMP) throughout the state of Florida. In addition to providing Florida communities a tool they can use to make decisions that will reduce flooding from development on a watershed-wide basis, FDEM is seeking participation in this grant opportunity from Community Rating System (CRS) communities to facilitate further National Flood Insurance Premiums (NFIP) flood insurance discounts.

The FDEM Watershed Initiative has been implemented in two phases. Phase I was an exploratory process in which they partnered with Florida Atlantic University (FAU) to: catalog and analyze statewide modeling data to identify gaps; develop a strategy and verify a watershed modeling process; develop an instructional manual for the modeling tool and develop a WMP template; and to develop two WMPs for the pilot communities of Clewiston (inland) and Dania Beach (coastal). Phase II of the initiative was then launched with an opportunity for any Florida CRS community to submit a notice of proposal. The City submitted its proposal for Phase II for the development of the Fort Lauderdale WMP. Should the City accept the funds, the City will pursue an agreement with FAU to complete a WMP for the City of Fort Lauderdale.

FDEM has awarded funding for the City of Fort Lauderdale’s proposal in the amount of \$150,000 with \$50,000 in matching funds. Matching funds will be provided as in-kind services through staff time spent on the grant project. The proposed partnership between the City and FAU will be facilitated through a Master Research Agreement, with deliverables and associated costs clearly identified as part of the scope of work. Once the Fort Lauderdale WMP is finalized it will be submitted to the City Commission for approval, thereby completing the performance period of the award.

The proposed WMP will be designed to look at existing stormwater conditions and identify potential future conditions to provide an understanding of the watershed’s behavior to ensure that established or enhanced regulations requiring onsite control will prevent flood damage due to future development. The Fort Lauderdale WMP will include modeling design storms including 5-, 10-, 25- and 100-year floods, plus the 3-day and 25-year storm event, with 1, 2, 3, 4 and 5 ft of sea level rise and king tides, as applicable. It is also structured to meet CRS credit criteria and generate additional CRS credit contributing to the City’s goals for classification improvement and reduced NFIP flood insurance premiums for its neighbors.

**Resource Impact**

This action will result in a positive impact to the City in the amount of \$150,000. Funding will be appropriated as a reimbursement upon proof of expenditures related to this project. Accounts below will be utilized contingent upon the approval of the Consolidated Budget Amendment CAM #22-0896.

**Source:**

<i>Funds available as of November 3, 2022</i>					
ACCOUNT NUMBER	COST CENTER NAME	ACCOUNT/ ACTIVITY NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10 -129-9300-538-331-206-23GWSMP	Watershed Master Plan	Intergovernment Revenue/ DHS FEMA	N/A	N/A	\$150,000
<b>APPROPRIATION TOTAL ►</b>					<b>\$150,000</b>

**Use:**

ACCOUNT NUMBER	COST CENTER NAME	CHARACTER CODE/ ACCOUNT NAME	AMENDED BUDGET (Character)	AVAILABLE BALANCE (Character)	AMOUNT
10-129-9300-538-30-3104-23GWSMP	Watershed Master Plan	Services/Materials/ Architectural/Engineering Services	N/A	N/A	\$150,000
<b>APPROPRIATION TOTAL ►</b>					<b>\$150,000</b>

**Strategic Connections**

This item supports a *2022 Commission Priority*, advocating for State and Federal funding.

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 supports the *Advance Fort Lauderdale 2040 Comprehensive Plan* specifically advancing:

- Neighborhood Enhancement Focus Area
- Conservation Element
- Goal 5: Conserve, protect, and appropriately utilize the City's natural resources, including soils, designated sensitive lands, and natural reservations.
- Objective CON 5.1: The City shall recognize, protect, and plan for sensitive and vulnerable areas, and for lands of importance.
  
- Infrastructure Focus Area
- Climate Change Element
- Goal 3: Preserve and enhance the quality of life through advance planning, improved coordination with businesses and local and regional governments, better monitoring of evolving conditions, and equitable provision of resources to address issues related to climate change, and hazard and natural disaster resiliency and recovery.
- Objective CC 3.1: Continue to coordinate with the private sector, governmental agencies within the South Florida region, non-governmental entities, and academic institutions in the ongoing assessment of existing and projected conditions related to our changing climate and rising sea levels and continue to collaborate as necessary in the identification and development of effective solutions and strategies to adapt and improve resiliency of the community. Work with other agencies and seek out new funding for implementation of programs.

### **Related CAM**

#22-0896 Consolidated Budget Amendment

### **Attachments**

Exhibit 1 – Federally-Funded Subaward and Grant Agreement

Exhibit 2 – Resolution

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Prepared by: Constance Lake, CFM, Development Services Department

Department Director: Christopher Cooper, AICP, Development Services