



CITY COMMISSION ORDINANCE/RESOLUTION

TITLE: Resolution 24-02 (Utilities)

DATE: January 9, 2024

DESCRIPTION: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF COOPER CITY, FLORIDA, AUTHORIZING AND DIRECTING THE APPROPRIATE CITY OFFICIALS TO ENTER INTO A GRANT AGREEMENT WITH FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR VULNERABILITY ASSESSMENT UNDER THEIR RESILIENT FLORIDA PROGRAM IN THE AMOUNT OF \$170,000 AND TAKE ANY AND ALL ACTIONS NECESSARY TO EFFECTUATE THE INTENT OF THIS RESOLUTION; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

CITY MANAGER RECOMMENDATION:

The City Manager recommends the City Commission approve and authorize entering into a Grant Agreement, No. 23PLN78, with the Florida Department of Environmental Protection (DEP) for Vulnerability Assessment under their Resilient Florida Program in the amount of \$170,000.

BACKGROUND OF ITEM:

On June 7, 2022, the City was notified by the Florida Department of Environment Protection (DEP), Office of Resilience and Coastal Protection (ORCP) that it has not prepared a Vulnerability Assessment (VA) of the City's critical assets or currently has one that is in compliance with Florida Statute 380.093(3). The ORCP also advised that grant funding was available from DEP where no match was required. By authorizing an application through its Resolution 22-22, the City applied for and was approved for \$170,000 grant funding with zero match in the State Budget for FY 2022-23.

The deliverables in the VA Report are required to include the following five (5) Tasks:

1. Conduct a *Kickoff* Meeting.
2. Acquire Background Data, which would include identifying City's critical assets like transportation assets, critical infrastructure, critical community and emergency facilities and natural, cultural and historical resources.
3. Perform Exposure Analysis to identify the depth of water caused by each sea-level rise, storm surge and/or flood scenario.

4. Perform Sensitivity Analysis to measure the impact of flooding on assets to determine the impact of flood severity on each asset class and at each flood scenario and assign a risk level based on percentages of land area inundated and number of critical assets affected.
5. Prepare and submit a VA Report.

ANALYSIS:

This VA Study is not only a statutory requirement but is also necessary to assess the impacts on critical assets due to sea-level rise and flooding. Although Cooper City is fairly inland, it does about one of the regional canal systems, C-11, and its water levels could potentially have an impact on our critical assets.

The FDEP staff has advised that if the VA Study identifies and concludes that upgrades of certain critical assets are necessary, the City may be eligible for matching grant funds for future construction.

STRATEGIC PLAN:

The Study is in line with the Strategic Plan, as it will potentially determine upgrades of certain Critical assets within the City's infrastructure.

FISCAL IMPACT:

There would be little direct fiscal impact to the City for the VA Study because this will be fully funded by the State. However, some in-houses resources along with GIS mapping efforts will be necessary to collect and compile data on City's critical assets. The City's Engineering Inspector will compile and provide the best data that can be assembled and coordinate with City's GIS Consultant. Funds are available in the City's FY 2024 budget for GIS services.

ALTERNATIVES:

The City could decline the Grant and the Agreement. However, the staff does not recommend this alternative.

ATTACHMENTS:

1. Resolution 24-02
2. Florida DEP Agreement as Exhibit "A"

Workflow History



User	Task	Action	Date/Time
Montoya, Jenna	NEW ITEM: Not Yet Routed	*COMPLETE: Forward to ...	12/19/23 08:24 AM
Horowitz, Jacob	Assigned to Attorney	COMPLETE: Forward to ...	12/22/23 03:06 PM
Eggleston, Ryan	Assigned to City Manager	COMPLETE: Forward to ...	12/22/23 03:07 PM
Allen, Tedra	Assigned to City Clerk	APPROVE ITEM: End Wo...	01/04/24 08:33 AM
Allen, Tedra	END WORKFLOW - APPROVED		01/04/24 04:13 PM