



Legislation Text

File #: 23-0351, **Version:** 1

Department: Flood Control District

Department Head/Elected Official: Tina Petersen, Ph.D., P.E., Executive Director

Regular or Supplemental RCA: Supplemental RCA

Type of Request: Grant

Project ID (if applicable): K500-27-00-E001

Vendor/Entity Legal Name (if applicable): N/A

MWDBE Contracted Goal (if applicable): N/A

MWDBE Current Participation (if applicable): N/A

Justification for 0% MWDBE Participation Goal: N/A - Goal not applicable to request

Request Summary (Agenda Caption):

Request by the Flood Control District for approval to accept from the Federal Emergency Management Agency grant funds in the amount of \$8,250,000, with a required match of \$3,658,303, for the Westador Stormwater Detention Basin Program (K500-27-00-E001).

Background and Discussion:

It is recommended that the HCFCFD be authorized to accept the grant award funds from the Department of Homeland Security (DHS) Fiscal Year 2022 Pre-Disaster Mitigation (Congressionally Directed) Grant Program to fund the design engineering and construction of stormwater detention basins (K500-27-00-E001) along the southern bank of Cypress Creek (K100-00-00) between Bamwood Road and Red Oak Drive. An existing Interlocal Agreement between Westador MUD and HCFCFD, allows HCFCFD to construct and maintain a stormwater detention facility on Westador MUD property. The recommended project consisting of Phase 1 and 2 requires only the transfer of a 60 ft x 60 ft roadway ROW on Tigris Lane between Harris County and HCFCFD. The funding is available specifically for this project in the FY22 Federal Budget and was submitted by US Congressman Dan Crenshaw, representing the 2nd District of Texas.

The proposed K500-27-00-E001 Westador Stormwater Detention Basin Project will further improve riverine flood risk in Cypress Creek. The two basins will store up to 200.95 acre-feet during severe rainfall events. Period of Performance (POP) for the grant is from September 13th, 2022 to September 12th, 2025.

Expected Impact:

Regarding community impacts, this grant will fund the Westador Stormwater Detention Basin Project through construction. The goal of this project is to construct stormwater detention on the main stem of Cypress Creek, which will work to reduce flooding risks and damages during heavy rain events by safely storing excess stormwater and slowly releasing it back to the creek when the threat of flooding has passed. The project works in conjunction with several channel improvements and stormwater detention projects to provide flood

risk benefits to residents in the Cypress Creek Watershed.

Alternative Options:

This grant would fund the design engineering and construction of stormwater detention basin (K500-27-00-E001) along the southern bank of Cypress Creek (K100-00-00) between Bamwood Road and Red Oak Drive. Should the grant not be accepted, work would either not occur or would have to be funded by another means.

Alignment with Goal(s):

- Justice and Safety
- Economic Opportunity
- Housing
- Public Health
- Transportation
- Flooding
- Environment
- Governance and Customer Service

Prior Court Action (if any): N/A

Date	Agenda Item #	Action Taken
08/11/2020	2.b.5	Authorization To Negotiate Interlocal Agreement - Westador MUD
09/15/2020	2.d	New Unit Authorization K500-27-00
09/29/2020	2.f.8	New Project Authorization
06/14/2022	285.	Authorization to Submit Grant Application
09/27/2022	316.	Preliminary Engineering Report Approval

Location:

The K500-27-00-E001 Westador Stormwater Detention Basin Project is located along the southern bank of Cypress Creek (K100-00-00) between Bamwood Road and Red Oak Drive.

Address (if applicable):

Precinct(s): Precinct 1

Fiscal and Personnel Summary			
Service Name	4.a.3 - Engineering Services and 4.a.2 - Construction Services		
	FY 23	FY 24	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$4,286,989.08	\$3,810,656.96	\$3,810,656.96
Total Incremental Expenditures	\$4,286,989.08	\$3,810,656.96	\$3,810,656.96
Funding Sources (do NOT write values in thousands or millions)			

Existing Budget			
Other	\$1,316,989.08	\$1,170,656.96	\$1,170,656.96
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$1,316,989.08	\$1,170,656.96	\$1,170,656.96
Additional Budget Requested			
Grant	\$2,970,000	\$2,640,000	\$2,640,000
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$2,970,000	\$2,640,000	\$2,640,000
Total Funding Sources	\$4,286,989.08	\$3,810,656.96	\$3,810,656.96
Personnel (Fill out section only if requesting new PCNs)			
Current Position Count for Service	-	-	-
Additional Positions Requested	-	-	-
Total Personnel	-	-	-

Anticipated Court Date: January 10, 2023

Anticipated Implementation Date (if different from Court date): N/A

Emergency/Disaster Recovery Note: Not an emergency, disaster, or COVID-19 related item

Contact(s) name, title, department: Yesenia Martinez, Commissioners Court Coordinator, Flood Control District

Attachments (if applicable): Order, Map, SF-424, SF-424D, SF-LLL, Lobbying Certification Form, TDEM Award Letter, Designation of Sub-Recipient Agent, final grant application document, Grant Terms & Conditions document, and Record of Technical Consideration document.