



Legislation Text

File #: 24-2214, **Version:** 1

Department: Flood Control District

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

Regular or Supplemental RCA: Regular RCA

Type of Request: Contract - Award

Project ID (if applicable): M500-10-00-E002

Vendor/Entity Legal Name (if applicable): Agha Engineering, LLC

MWDBE Contracted Goal (if applicable): 19.60%

MWDBE Current Participation (if applicable): 94.58%

Justification for 0% MWDBE Participation Goal: N/A - Goal is not 0% and is listed above

Request Summary (Agenda Caption):

Request for approval of an agreement with Agha Engineering, LLC, in the amount of \$1,062,505, to provide design, bidding and construction phase engineering services on the Boudreaux Stormwater Detention Basin on HCFCF Unit M500-10-00. (Willow Creek Watershed, Bond ID F-106, Project ID M500-10-00-E002, Agreement No. 2024-21, Precinct 3, MWDBE Contracted Goal: 19.60%, MWDBE Current Participation: 94.58%).

Background and Discussion:

This agreement will allow the current engineer of record to provide design and construction phase engineering services for the Boudreaux Stormwater Detention Basin, a CDBG-MIT funded project. The consultant has completed the Preliminary Engineering Report and provided the Flood Control District with a recommended design alternative and extensive analysis of the project area. The project ranks in the third quartile of the 2022 Prioritization Framework.

Expected Impact:

The recommended option will provide 1,748 acres of stormwater detention storage, removes the floodplain from 109 structures, 175 parcels, 1.6 miles of roadway, and 162 acres within the Willow Creek Watershed during the 100-year (1%) flood event, and reduces water surface elevations up to approximately 0.91 ft.

Alternative Options:

Multiple alternatives were considered, and this is the best option for the project. If this project does not move forward Harris County could lose CDBG-MIT funding and not realize potential flood risk reduction benefits.

Alignment with Goal(s):

- ☐ Justice and Safety
- ☐ Economic Opportunity

- ☐ Housing
☐ Public Health
☐ Transportation
☒ Flooding
☒ Environment
☐ Governance and Customer Service

Prior Court Action (if any):

Date	Agenda Item #	Action Taken
05/11/2021	102.	ATN
08/24/2021	112.	Agreement
01/09/2023	234.	Transmittal of PER

Location: N/A

Address (if applicable):

Precinct(s): Precinct 3

Fiscal and Personnel Summary				
Service Name	4.a.3 - Engineering Services			
	Current Fiscal Year Cost			Annual Fiscal Cost
	Labor	Non-Labor	Total	Recurring Expenses
Funding Sources				
Existing Budget				
Bonds	\$	\$1,062,505	\$1,062,505	\$
Choose an item.	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
Total Current Budget	\$	\$1,062,505	\$1,062,505	\$
Additional Budget Request (<i>Requires Fiscal Review Request Form</i>)				
Bonds	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
Total Additional Budget Request	\$	\$1,062,505	\$1,062,505	\$
Total Funding Request	\$	\$1,062,505	\$1,062,505	\$
Personnel (Fill out section only if requesting new PCNs)				
Current Position Count for Service	-	-	-	-
Additional Positions Request	-	-	-	-
Total Personnel	-	-	-	-

Anticipated Court Date: April 23, 2024

Anticipated Implementation Date (if different from Court date):

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): Agreement and Map

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