



Legislation Text

File #: 22-4492, **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): U501-07-00-E001

Vendor/Entity Legal Name (if applicable): R.G. Miller Engineers, Inc.

MWDBE Contracted Goal (if applicable): 27.12%

MWDBE Current Participation (if applicable): 27.12%

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 R.G. Miller Engineers, Inc., in the amount of \$975,707, to provide design and bidding phase engineering services in support of a stormwater detention basin on South Mayde Creek near the Grand Parkway at HCFCD Unit U501-07-00. (Addicks Reservoir Watershed, Bond ID C-48, Project ID U501-07-00-E001, Agreement No. 2022-89, Precinct 4). MWDBE Contracted and Current Participation Goal: 27.12%.

Background and Discussion:

The South Mayde Creek sub watershed is in western Harris County (part of the Addicks Reservoir Watershed) has experienced repeated structural and roadway flooding over the past decade. The Flood Control District conducted a feasibility study in 2017 that recommended several flood risk reduction projects in the South Mayde Creek watershed, including a project in the area of the Grand Parkway and Clay Road. This project was further developed and refined in 2021 by a preliminary engineering report under Bond Program map ID C-48. This preliminary engineering report recommends the acquisition, design, and construction of three detention basins that will provide 226 acre-feet of detention storage. Authorization to Negotiate was approved under the name, "Clay Stormwater Detention Basins located at Clay Road near Grand Parkway."

Expected Impact:

The objective of the project is to lower water surface elevations along South Mayde Creek to reduce existing flood risk to area neighborhoods and thoroughfares. Once constructed, this project will remove the regulatory floodplain from 40 acres of land, 0.5 miles of roadway, and 70 structures. Flood Control District staff will manage the engineering design consultant team for completion of the project.

Alternative Options:

Alternative option is to not continue with design and construction of the project or select a different consultant, which will result in delays to this project.

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

Location: The project area is bounded by Peek Road on the West, Lakes of the Bridgewater Drive on the east, Clay Road on the South, and Stockdick School on the North.

Address (if applicable):

Precinct(s): Precinct 4

Fiscal and Personnel Summary			
Service Name	4.a.3 - Engineering Services		
	SFY 22	FY 23	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$	\$975,707	\$
Total Incremental Expenditures	\$	\$975,707	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
Bonds	\$	\$975,707	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$	\$975,707	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$
Total Funding Sources	\$	\$975,707	\$

Personnel (Fill out section only if requesting new PCNs)			
Current Position Count for Service	-	-	-
Additional Positions Requested	-	-	-
Total Personnel	-	-	-

Anticipated Court Date: August 2, 2022

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: Tina Petersen, Ph.D., P.E., Executive Director, Flood Control District

Attachments (if applicable): Agreement and Map