



Legislation Text

File #: 23-0493, **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): Q100-00-00-E003

Vendor/Entity Legal Name (if applicable): Carollo Engineers, Inc.

MWDBE Contracted Goal (if applicable): 11%

MWDBE Current Participation (if applicable): N/A

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 Carollo Engineers, Inc., in the amount of \$1,358,800, to provide preliminary engineering services in support of regional detention and channel improvements upstream of FM 1960 on HCFCU Unit Q100-00-00. (Cedar Bayou Watershed, Bond ID F-70, Project ID Q100-00-00-E003, Agreement No. 2022-92, Precinct 3, MWDBE Contracted Goal: 11%).

Background and Discussion:

HCFCU Unit Q100-00-00 has a long history of flooding and has been included in previous Cedar Bayou Flood Risk Reduction Study. The preliminary engineering report (PER) is needed to determine the best use of flood mitigation along this channel, to identify the required ROW and support other large-scale flood reduction efforts in the Cedar Bayou Watershed. The preliminary engineering effort is complex and requires review of other past and ongoing efforts along Q100-00-00 and the surrounding area, detailed H&H modeling, right-of-way (ROW) identification and conceptual design. This court action is to allow the Flood Control District to proceed with the preliminary engineering report (PER) stage for the project Q100-00-00-E003. Request for approval to execute the agreement with Carollo Engineers, Inc. to provide a preliminary engineering study for HCFCU Unit Q100-00-00-E003. This project scores in the 3rd quartile under the 2022 Prioritization Framework approved by Commissioners Court.

Expected Impact:

This project, part of the Cedar Bayou Watershed Bond Implementation Program, could reduce the risk of flooding for more than 60 structures, could reduce the size of the rainfall event for more than 80,000 acres and could reduce the frequency and duration of flooding for more than 25 miles of roadway in an Atlas 14 1% rainfall event.

Alternative Options:

The alternative should this agreement request not be approved is that the Flood Control District will not be

able to proceed with PER stage of the project lifecycle to determine recommended improvements to reduce flood risks in the area.

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
10/26/2021	125.	ATN

Location: Q100-00-00 Tributary in Cedar Bayou watershed east of Harris County. Northeast Harris County and west Liberty County, near Eastman, TX. Q100-00-00 upstream of FM 1960.

Address (if applicable):

Precinct(s): Precinct 3

Fiscal and Personnel Summary			
Service Name	4.a.5 - Planning Services		
	FY 23	FY 24	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$1,358,800	\$	\$
Total Incremental Expenditures	\$1,358,800	\$	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
Bonds	\$1,358,800	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$1,358,800	\$	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$

Total Funding Sources	\$1,358,8800	\$	\$
Personnel (Fill out section only if requesting new PCNs)			
Current Position Count for Service	-	-	-
Additional Positions Requested	-	-	-
Total Personnel	-	-	-

Anticipated Court Date: January 31, 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: Yesenia Martinez, Commissioners Court Coordinator, Flood Control District

Attachments (if applicable): Agreement and Map