



Legislation Text

File #: 23-2683, **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): D518-03-00-E001

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

MWDBE Contracted Goal (if applicable): 79.7%

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 Agha Engineering, LLC, in the amount of \$1,009,926, to provide preliminary engineering and design services in support of the Keegans Bayou Detention Basin, HCFCD Unit D518-03-00. (Brays Bayou Watershed, Bond ID F-07, Project ID D518-03-00-E001, Agreement No. 2022-163, Precinct 4, MWDBE Contracted Goal: 79.7%).

Background and Discussion:

This project will provide flood damage reduction benefits to Keegans Bayou's upper and middle reaches and was the recommended project and outlined in the Keegans Bayou Watershed Planning Study. The project consists of the construction of a series of detention basins on land currently owned by Harris County Flood Control District. This item is requested so that we may have the selected consultant begin the preliminary engineering and design of the improvements near D118-14-00. The prioritization framework score for this project is 8.5.

Expected Impact:

The recommended project potentially provides up to 400 ac-ft of detention near channel D118-14-00 and Keegans Bayou and reduces the span of the Atlas 14 100-yr inundation layer, resulting in a benefit to approximately 267 structures located within the floodplain. These structures benefit due to a reduction in depth and frequency of flooding. The Flood Control District Staff, including staff augmentation will manage an engineering consultant team to execute the preliminary engineering and design stages of this project.

Alternative Options:

The alternative to approving this item would be to select a different consultant which will delay progress on 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):

| Date | Agenda Item # | Action Taken |
|------------|---------------|--------------|
| 08/23/2022 | 156. | ATN |

Location: Series of detention basins along D118-14-00 near Old Richmond Road

Address (if applicable):

Precinct(s): Precinct 4

Fiscal and Personnel Summary

| | | | |
|--|------------------------------|------------------|-------------------|
| Service Name | 4.a.3 - Engineering Services | | |
| | FY 23 | FY 24 | Next 3 FYs |
| Incremental Expenditures (do NOT write values in thousands or millions) | | | |
| Labor Expenditures | \$ | \$ | \$ |
| Non-Labor Expenditures | \$400,000 | \$609,926 | \$ |
| Total Incremental Expenditures | \$400,000 | \$609,926 | \$ |
| Funding Sources (do NOT write values in thousands or millions) | | | |
| Existing Budget | | | |
| Bonds | \$400,000 | \$609,926 | \$ |
| Choose an item. | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ |
| Total Current Budget | \$400,000 | \$609,926 | \$ |
| Additional Budget Requested | | | |
| Choose an item. | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ |
| Total Additional Budget Requested | \$ | \$ | \$ |
| Total Funding Sources | \$400,000 | \$609,926 | \$ |
| Personnel (Fill out section only if requesting new PCNs) | | | |
| Current Position Count for Service | - | - | - |

| | | | |
|--------------------------------|---|---|---|
| Additional Positions Requested | - | - | - |
| Total Personnel | - | - | - |

Anticipated Court Date: May 16, 2023

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