



Legislation Details (With Text)

File #: 23-0192 **Version:** 1 **Name:**

Type: Contract - Award **Status:** Passed

File created: 12/28/2022 **In control:** Commissioners Court

On agenda: 1/10/2023 **Final action:** 1/10/2023

Title: Request for approval of an agreement with Omega Engineers, Inc., in the amount of \$830,825, for preliminary engineering and design services for HCFCD Unit Q100-00-00. (Cedar Bayou Watershed, Bond ID F-47, Project ID Q100-00-00-P004, Agreement No. 2022-93, Precinct 3, MWDBE Contracted Goal: 85%).

Sponsors:

Indexes:

Code sections:

Attachments: 1. 011023 AGMT OMEGA 2022-93 PCT 3 backup

| Date | Ver. | Action By | Action | Result |
|-----------|------|---------------------|--------|--------|
| 1/10/2023 | 1 | Commissioners Court | | |

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-P004

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

MWDBE Contracted Goal (if applicable): 85%

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 Omega Engineers, Inc., in the amount of \$830,825, for preliminary engineering and design services for HCFCD Unit Q100-00-00. (Cedar Bayou Watershed, Bond ID F-47, Project ID Q100-00-00-P004, Agreement No. 2022-93, Precinct 3, MWDBE Contracted Goal: 85%).

Background and Discussion:

Cedar Bayou (Q100-00-00) has a long history of flooding between IH-10 crossing and the Coastal Water Authority (CWA) canal. This project area was studied in the Cedar Bayou Flood Risk Reduction Study (FRRS) and part of the Cedar Bayou Watershed Bond Implementation Program. The preliminary engineering report (PER) is needed to determine the best use of flood mitigation along this channel between IH-10 and CWA canal, to identify the require ROW and support other large-scale flood reduction efforts in the Cedar Bayou Watershed along the IH-10 corridor. 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 request for approval to execute the agreement with Omega Engineers, Inc. for engineering services to provide a preliminary engineering study.

Expected Impact:

This project is part of the Cedar Bayou Bond Implementation Program that will reduce flood risks in the area. The outcome of the preliminary engineering report is to recommend a project to provide flood risk mitigation along Q100-00-00 between IH-10 and the CWA canal, potential acquisition of additional ROW, define preliminary permitting requirements and identify stakeholder coordination efforts.

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 | 128. | ATN |

Location: Q100-00-00 mainstem from US-90 to IH-10 in Cedar Bayou watershed east of Harris County

Address (if applicable):

Precinct(s): Precinct 3

| Fiscal and Personnel Summary | | | |
|--|------------------|-----------|------------|
| Service Name | | | |
| | FY 23 | FY 24 | Next 3 FYs |
| Incremental Expenditures (do NOT write values in thousands or millions) | | | |
| Labor Expenditures | \$ | \$ | \$ |
| Non-Labor Expenditures | \$830,825 | \$ | \$ |
| Total Incremental Expenditures | \$830,825 | \$ | \$ |
| Funding Sources (do NOT write values in thousands or millions) | | | |
| Existing Budget | | | |
| Bonds | \$830,825 | \$ | \$ |

| | | | |
|---|------------------|----|----|
| Choose an item. | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ |
| Total Current Budget | \$830,825 | \$ | \$ |
| Additional Budget Requested | | | |
| Choose an item. | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ |
| Choose an item. | \$ | \$ | \$ |
| Total Additional Budget Requested | \$ | \$ | \$ |
| Total Funding Sources | \$830,825 | \$ | \$ |
| 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):

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