



Legislation Text

File #: 23-2900, **Version:** 1

Department: County Engineer

Department Head/Elected Official: Milton Rahman, PhD, P.E., PMP, CFM, County Engineer

Regular or Supplemental RCA: Regular RCA

Type of Request: Contract - Award

Project ID (if applicable): UPIN 19104MF13401; Job No: 23/0074

Vendor/Entity Legal Name (if applicable): Jacobs Engineering Group, Inc.

MWDBE Contracted Goal (if applicable): N/A

MWDBE Current Participation (if applicable): N/A

Justification for 0% MWDBE Participation Goal: N/A - project was awarded prior to launch of County's M/WBE Program

Request Summary (Agenda Caption):

Request for approval to execute an agreement with Jacobs Engineering Group, Inc. in the amount of \$115,514.93 for Professional Engineering and related services to construct and provide drainage improvements to the Fallbrook, Ridgpoint, and WestPoint Subdivisions, UPIN 19104MF13401, Precinct 2, Justification for 0% MWDBE Participation Goal: N/A - project was awarded prior to launch of County's M/WBE Program.

Background and Discussion:

The Fallbrook, Ridgpoint, Westpoint project area is in the Halls Bayou Watershed, a tributary of Greens Bayou. These subdivisions were constructed in different timelines, Fallbrook in early 1970's, Ridgpoint in early 1980's and Westpoint in early 2000's. The existing drainage system was designed based on the current design criteria and design rainfall. The drainage system in the project area consists of inlets and storm sewers that eventually outfall into HCFCD channel (P118-31-00) which eventually drains into Halls Bayou (P118-00-00). The original scope of work for this project consists of improvements such as widening the P118-31-00 channel, upsizing storm sewer, replacing inlets and pavement as needed to accommodate for the increased conveyance in the Fallbrook subdivision. This agreement for Construction Phase Services provided by Jacobs Engineering Group, Inc. ensures that the project is built in accordance with the Harris County and Harris County Flood Control regulations.

Expected Impact:

This project seeks to reduce flood risk and strengthen resiliency in Harris County by assisting in the alleviation of structural flood damage to homes in the community. Engineering support during the construction of the improvements is a step in the process to reduce the financial, physical, and emotional burden flood damage places on homeowners and will reduce the financial impact of recovery costs to the Fallbrook, Ridgpoint and Westpoint Subdivisions homeowners, Harris County, and FEMA. The fiscal impact for this project will come

from the 1080 Fund for the Recovery and Resiliency Division subdivision projects with the long-term goal of reducing drainage costs in the future. No impact to project schedule or staffing anticipated.

Alternative Options:

The County could elect to fund the requested task or choose to reject it. However, if not approved, the project area will continue to experience flood risk.

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
1/05/2021	1.g.7	Contract Award for Professional Engineering Services
8/24/2021	101	Contract Amendment
1/25/2022	57	Contract Amendment

Location:

Address (if applicable): Fallbrook, Ridgpoint and Westpoint Subdivisions.

Precinct(s): Precinct 2

Fiscal and Personnel Summary			
Service Name	Professional Services		
	FY 23	FY 24	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$115,514.93	\$	\$
Total Incremental Expenditures	\$115,514.93	\$	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
1080 - Infrastructure Fund	\$115,514.93	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$115,514.93	\$	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$

Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$
Total Funding Sources	\$115,514.93	\$	\$
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): May 17, 2023

Emergency/Disaster Recovery Note: Not an emergency, disaster, or COVID-19 related item

Contact(s) name, title, department: Isabel Fung, Division Manager, Recovery and Resiliency Division, Harris County Engineering Department

Attachments (if applicable): Construction Phase Services Agreement