



Legislation Text

File #: 23-0136, **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 - Amendment

Project ID (if applicable): UPIN 19102MF13001

Vendor/Entity Legal Name (if applicable): EDGE Engineering, PLLC

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 amendment with EDGE Engineering, PLLC in the amount of \$161,649.00 for Professional Engineering Services to provide drainage and infrastructure improvements to Highland Ridge and Highland Estates Subdivision, UPIN 19102MF13001, Precinct 3 (Project was awarded prior to launch of County's M/WBE Program).

Background and Discussion:

The project is located in northeast Harris County in the Spring Gully & Goose Creek and San Jacinto River watersheds. It is north of Barbers Hill Road and east of Sralla Road. The existing drainage consists of roadside ditches and outfalls to HCFCD channel O119-00-00. The proposed improvements are to regrade roadside ditches, upsize culverts, upsize outfalls and construct new outfalls, and construct a detention pond within the O119-00-00 channel for mitigation. The purpose of this amendment is for additional environmental, drainage, and design phase services which are needed. The drainage and design services will account for revisions in the drainage analyses per coordination with HCFCD, changes to roadside ditch configurations, and the design of the proposed detention pond. Additional environmental services include preparation for and submitting of an Individual Permit to the United States Army Corps of Engineers for the project.

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. This amendment 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 Highland Ridge and Highland Estates subdivision homeowners, Harris County, and FEMA. The fiscal impact for this project will come from the 1080 Funding 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
12/17/2019	1.e.11	Authorization to Negotiate for Engineering Services
4/28/2020	1.g.4	Contract Award for Professional Engineering Services

Location:

Address (if applicable): Highland Ridge and Highland Estates Subdivision

Precinct(s): Precinct 3

Fiscal and Personnel Summary			
Service Name	Professional Service		
	FY 23	FY 24	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$161,649.00	\$	\$
Total Incremental Expenditures	\$161,649.00	\$	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
1080 - Infrastructure Fund	\$161,649.00	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$161,649.00	\$	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$

Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$
Total Funding Sources	\$161,649.00	\$	\$
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): January 10, 2023

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

Contact(s) name, title, department: Nate Wilson, Senior Team Lead Project Manager, Recovery and Resiliency Division, Harris County Engineering Department

Attachments (if applicable): Contract Amendment