



## Legislation Text

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**File #:** 24-0859, **Version:** 1

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**Department:** County Engineer

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

**Regular or Supplemental RCA:** Regular RCA

**Type of Request:** Negotiation

**Project ID (if applicable):** UPIN - 19104MF12P01 Job No. 23/0506

**Vendor/Entity Legal Name (if applicable):** A&R Engineering and Testing, Inc

**MWDBE Contracted Goal (if applicable):** N/A

**MWDBE Current Participation (if applicable):** N/A

**Justification for 0% MWDBE Participation Goal:** N/A - Goal not applicable to request

**Request Summary (Agenda Caption):**

Request for approval to negotiate an agreement with A&R Engineering and Testing, Inc for Professional Engineering Services regarding Construction Materials Testing and related Services for drainage improvements to Memorial Hills Subdivision, UPIN 19104MF12P01, Precinct 1.

**Background and Discussion:**

The project is located in north Harris County in the Cypress Creek watershed, north of FM 1960, south of Cypress Creek, and east of Hardy Toll Road. The project area consists of approximately 84 acres of single-family residential homes. The existing system is a concrete curb and gutter and primarily drains into Briar Creek (K117-00-00). A 72" RCP with associated inlets also aids in draining the western portion of the site. The scope of the project includes constructing a drainage swale and underlying storm sewer behind the commercial tract along FM 1960. Improvements will comply with Harris County standards.

**Expected Impact:**

This agreement will allow the firm to conduct field and laboratory testing on soil, concrete, asphalt and various other construction materials to ensure the material's compliance with Harris County Engineering Department's adopted standards and specifications as required by state law.

**Alternative Options:**

Construction materials testing is required by state law.

**Alignment with Goal(s):**

- Justice and Safety
- Economic Opportunity
- Housing
- Public Health

- Transportation
- Flooding
- Environment
- Governance and Customer Service

Prior Court Action (if any): N/A

Date	Agenda Item #	Action Taken

**Location:**

Address (if applicable): Memorial Hills Subdivision

Precinct(s): Precinct 1

<b>Fiscal and Personnel Summary</b>				
Service Name	Professional Service - CMT			
	Current Fiscal Year Cost			Annual Fiscal Cost
	Labor	Non-Labor	Total	Recurring Expenses
<b>Funding Sources</b>				
<b>Existing Budget</b>				
1080 - Infrastructure Fund	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
<b>Total Current Budget</b>	\$	\$	\$	\$
<b>Additional Budget Request (Requires Fiscal Review Request Form)</b>				
Choose an item.	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
Choose an item.	\$	\$	\$	\$
<b>Total Additional Budget Request</b>	\$	\$	\$	\$
<b>Total Funding Request</b>	\$	\$	\$	\$
<b>Personnel (Fill out section only if requesting new PCNs)</b>				
Current Position Count for Service	-	-	-	-
Additional Positions Request	-	-	-	-
<b>Total Personnel</b>	-	-	-	-

**Anticipated Court Date: February 27, 2024**

**Anticipated Implementation Date (if different from Court date):**

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

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**Contact(s) name, title, department:** Erwin Burden, P.E., CFM, Director, Recovery and Resiliency Division, HCED  
**Attachments** (if applicable): N/A