



## Legislation Text

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**File #:** 22-5289, **Version:** 1

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**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): W157-00-00-P001

**Vendor/Entity Legal Name** (if applicable): Atkins North America, Inc.

**MWDBE Contracted Goal** (if applicable): 0%

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

**Justification for 0% MWDBE Participation Goal:** 0% - Specialized, Technical, or Unique in Nature

### **Request Summary (Agenda Caption):**

Request for approval of an agreement with Atkins North America, Inc., in the amount of \$400,000, to provide engineering services for a feasibility study on HCFCD Unit W157-00-00 and its tributaries. (Buffalo Bayou Watershed, Bond ID F-79, Project ID W157-00-00-P001, Agreement No. 2022-137, Precinct 4, MWDBE Contracted Goal: 0% - Specialized, Technical, or Unique in Nature).

### **Background and Discussion:**

The W157 study area was heavily affected by Harvey flooding, which according to the HCFCD flooded structures database had impacted structures well outside of the 500-year floodplain as part of the widespread flooding that occurred during and post Harvey near the confluence of W100 and W157 at Beltway 8. There were reports of roadway inaccessibility at intersections along the Beltway feeders at Westheimer and Briar Forest during Harvey. During the alternative selection process, if there are low hanging fruit solutions to resolve these external roadway accessibility issues, coordination with HCTRA, CoH (for Briar Forest) and TxDOT (for Westheimer) may be needed.

### **Expected Impact:**

There are almost 600 reported flooded structures, about 380 FEMA claims and 60 repetitive losses in the drainage area of W157-00-00, the causes of flooding for each would need to be determined and appropriate improvement options identified in order to plan and implement effective flood reduction measures.

### **Alternative Options:**

Studying W157-00-00 will enable a comprehensive understanding of flooding causes and mitigation options in the area. If no action is taken, there will not be appropriate answers to the flooding impacting the community in and around the W157-00-00 watershed.

**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
02/22/2022	123.	ATN

**Location: N/A**

Address (if applicable):

Precinct(s): Precinct 4

**Fiscal and Personnel Summary**

Service Name	4.a.5 - Planning Services		
	SFY 22	FY 23	Next 3 FYs
<b>Incremental Expenditures (do NOT write values in thousands or millions)</b>			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$	\$400,000	\$
<b>Total Incremental Expenditures</b>	\$	<b>\$400,000</b>	\$
<b>Funding Sources (do NOT write values in thousands or millions)</b>			
Existing Budget			
Bonds	\$	\$400,000	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$	\$400,000	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$
<b>Total Funding Sources</b>	\$	<b>\$400,000</b>	\$
<b>Personnel (Fill out section only if requesting new PCNs)</b>			
Current Position Count for Service	-	-	-

Additional Positions Requested	-	-	-
<b>Total Personnel</b>	-	-	-

**Anticipated Court Date:** September 13, 2022

**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:** Tina Petersen, Ph.D., P.E., Executive Director, Flood Control District

**Attachments** (if applicable): Agreement and Map