



Legislation Text

File #: 21-6357, **Version:** 1

Department: Flood Control District

Department Head/Elected Official: Alan R. Black, P.E., Interim Executive Director

Regular or Supplemental RCA: Regular RCA

Type of Request: Contract - Award

Project ID (if applicable): K500-23-00-E002

Vendor/Entity Legal Name (if applicable): Pacheco Koch Consulting Engineers, Inc.

MWDBE Participation (if applicable): No

Request Summary (Agenda Caption):

Request for approval of an agreement with Pacheco Koch Consulting Engineers, Inc., in the amount of \$1,344,482, to provide design, bidding, and construction phase engineering services in support of the construction of TC Jester Detention Basin on Cypress Creek, HCFCD Unit K500-23-00. (Cypress Creek Watershed, Project ID K500-23-00-E002, Agreement No. 2022-62, Precinct 4).

Background and Discussion:

Pacheco Koch Consulting Engineers, Inc. completed a Preliminary Engineering Report to analyze potential benefits and configurations of a TC Jester Stormwater Detention Basin, HCFCD Unit No. K500-23-00 to reduce the risk of flood damage within Cypress Creek. The Preliminary Engineering Report was approved by Commissioner Court September 14, 2021.

Expected Impact:

The Cypress Creek Watershed Major Tributaries Regional Drainage Plan by Michael Baker International, dated February 2020 recommended 26,546 acre-feet of detention volume throughout the Cypress Creek Watershed. The proposed TC Jester stormwater detention basin will consist of three compartments and provide more than 900 acre-feet of stormwater detention volume.

Alternative Options:

The alternative should this agreement not be approved is that we could not proceed to the construction stage of this project.

Alignment with Goal(s):

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

- X Flooding
- _ Environment
- _ Governance and Customer Service

Prior Court Action (if any):

Date	Agenda Item #	Action Taken
09/14/2021	148.	Accept PER

Location: TC Jester Stormwater Detention Basin will be located South of Cypresswood Dr. and East of TC Jester Boulevard

Address (if applicable):

Precinct(s): Precinct 4

Fiscal and Personnel Summary			
Service Name	4.a.3 - Engineering Services		
	FY 21-22	FY 22	Next 3 FYs
Incremental Expenditures (do NOT write values in thousands or millions)			
Labor Expenditures	\$	\$	\$
Non-Labor Expenditures	\$1,344,482	\$	\$
Total Incremental Expenditures	\$1,344,482	\$	\$
Funding Sources (do NOT write values in thousands or millions)			
Existing Budget			
Tax Revenue - FCD	\$1,344,482	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Current Budget	\$1,344,482	\$	\$
Additional Budget Requested			
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Choose an item.	\$	\$	\$
Total Additional Budget Requested	\$	\$	\$
Total Funding Sources	\$1,344,482	\$	\$
Personnel (Fill out section only if requesting new PCNs)			
Current Position Count for Service	-	-	-
Additional Positions Requested	-	-	-
Total Personnel	-	-	-

Anticipated Implementation Date: November 30, 2021

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

Contact(s) name, title, department: Alan R. Black, P.E., Interim Executive Director

Matthew K. Zeve, P.E., Deputy Executive Director

Attachments (if applicable): Agreement and Map