



**Contra  
Costa  
County**

To: Contra Costa County Flood Control District Board of Supervisors

From: Julia R. Bueren, Public Works Director/Chief Engineer

Date: January 18, 2011

Subject: APPROVE and AUTHORIZE the Chief Engineer, or designee, to execute a contract with Hultgren-Tillis Engineers

**RECOMMENDATION(S):**

APPROVE and AUTHORIZE the Chief Engineer, or designee, to execute a contract with Hultgren-Tillis Engineers, in the amount of \$350,000.00 for geotechnical consulting services for the Wildcat Creek and San Pablo Creek Levee Certification Project, for the period beginning January 18, 2011, through December 31, 2013, North Richmond Area.

**FISCAL IMPACT:**

There is no impact to the County General Fund. The project is funded by California Department of Water Resources Local Levee Assistance Program Funds (Proposition 84) (90%) and Flood Control Zone 7 Funds (10%).

**BACKGROUND:**

The FC District has received Proposition 84 grant funding from the California Department of Water Resources for geotechnical sampling and analysis of the levees of Wildcat and San Pablo Creeks in the North Richmond Area. The Federal Emergency Management Agency (FEMA) decertified the Wildcat and San Pablo Creek levees on

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **01/18/2011** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

**VOTE OF SUPERVISORS**

AYE: John Gioia, District I  
Supervisor

Gayle B. Uilkema, District II  
Supervisor

Mary N. Piepho, District III  
Supervisor

Karen Mitchoff, District IV  
Supervisor

Federal D. Glover, District V  
Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: January 18, 2011

David Twa, County Administrator and Clerk of the Board of Supervisors

By: EMY L. SHARP, Deputy

Contact: Carl Roner, 313-2213

### BACKGROUND: (CONT'D)

April 25, 2007. FEMA is in the process of re-mapping their floodplain maps to include properties behind the levees in a flood hazard area. Properties placed in a flood hazard area will need to obtain flood insurance. If the levees are recertified before the FEMA floodplain maps are finalized, then the properties will not be put into a flood hazard area. The Consulting Service Agreement for geotechnical engineering is needed to provide the Contra Costa County Flood Control and Water Conservation District (FC District) with professional services for the geotechnical investigation and analysis for the Wildcat Creek and San Pablo Creek levees required by FEMA. The geotechnical data collected in this investigation, along with other levee information, is necessary to meet FEMA requirements for recertifying the levees in accordance with Section 65.10 of the National Flood Insurance Program (NFIP) regulations. The engineering capabilities required to investigate the site and analyze levee stability is beyond the capability of the FC District staff.

### CONSEQUENCE OF NEGATIVE ACTION:

Without the Board of Supervisor's approval, the levees for Wildcat Creek and San Pablo Creeks will not ultimately be certified and the property owners in the North Richmond Area will be required to pay flood insurance. In addition, the significant time and resources expended by staff to outreach to qualified consulting firms, conduct the consultant selection process, and coordinate the contract details would be lost.

### CHILDREN'S IMPACT STATEMENT:

Not Applicable.

### ATTACHMENTS

H&T CSA