



BOARD OF SUPERVISORS
AGENDA LETTER

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Agenda Number:

Department Name: Public Works
Department
Department No.: 054
For Agenda Of: October 18, 2016
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors

FROM: Department Scott D. McGolpin, Public Works Director, 568-3010
Director(s)
Contact Info: Thomas D. Fayram, Deputy Public Works Director, 568-3436

SUBJECT: Memorandum of Understanding for the Flood Emergency Response Grant for Phase 2 of the Upgrade of the Alert Flood Warning System to Alert2 Capacity with the Ventura County Watershed Protection District, All Supervisorial Districts

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: N/A

Other Concurrence: N/A

Recommended Actions:

- a) Approve and authorize the Public Works Director or designee to execute the Memorandum of Understanding for Activities related to the Department of Water Resources, Hydrology and Flood Operations Office, Flood Emergency Response Grant for Phase 2 of the Upgrade of the Alert Flood Warning System to Alert2 Capacity with the Ventura County Watershed Protection District;
- b) Approve and authorize the Public Works Director or his designee to prepare, approve, and execute any and all documents needed to receive Proposition 84 FloodSAFE California Initiative Grant funds from the State of California for this project; and
- c) Find that the recommended approval and authorization is for the creation of a government funding mechanism and does not constitute a "Project" within the meaning of California Environmental Quality Act 14 CCR 15378 (b) (4) and does not commit the County or other County agencies to any certain project or course of action which would have significant physical impact on the environment.

Summary Text:

This item is on the agenda in order to seek approval to receive grant funding for the upgrade of the County ALERT flood warning system to ALERT2. Ventura County Watershed Protection District (WPD) has applied for, and is being awarded a Flood Emergency Response Program - Statewide Grant by the California Department of Water Resources (DWR) in the not-to-exceed amount of \$780,674.

The WPD is acting as lead agency and grant administrator for seven Southern California agencies who are co-recipients of the grant. The County of Santa Barbara is one of these seven agencies. The grant allows each agency to upgrade from the existing "Real-Time Flood Warning System" (ALERT System) to the advanced ALERT2 System. This upgrade will allow the grant awardees to collectively and more rapidly monitor, assess, and respond to flood-related disasters and associated hazards in real-time. Of the grant funding, Santa Barbara County Flood Control and Water Conservation District is being awarded a not-to-exceed amount of \$78,085.72, the exact amount to be determined during the administration of the grant. An allocation of \$15,000 within the grant award is assigned for preparation of a Flood Safety Plan. The source of funds for this grant is the FloodSAFE California Initiative under Proposition 84, the Safe Drinking Water, Water Quality and Supply Flood Control, River and Coastal Protection Bond Act of 2006.

This Memorandum of Understanding (MOU) establishes the working criteria between the Santa Barbara County Flood Control and Water Conservation District and Ventura County WPD for the grant administration.

Approval of these recommendations will allow the Flood Control District to act as cooperating partner in the grant application process as defined in the MOU.

Background:

The Flood Control District currently operates a "Real-Time Flood Warning System" (ALERT System) that is based on receiving radio transmitted data from County-wide field sensors (rain, river/stream, and reservoir). However, the current ALERT technology is 30 years old and it is necessary to upgrade to the new advanced ALERT2 technology. The new technology will significantly improve flood warning capability. The Flood Control District has started to plan for the upgrade process that is expected to take up to five years to fully implement.

Seven Southern California flood emergency response agencies are co-recipients of this grant with the WPD acting as lead agency. The seven-member group includes the WPD, Santa Barbara County Flood Control and Water Conservation District, National Weather Service - Oxnard Office, National Weather Service - San Diego, Orange County, San Bernardino County, and San Diego County. Grant monies go towards an analysis of system needs, training, and purchase of system hardware and software.

The Flood Control District previously received grant monies (in 2015) in the amount of \$126,652 under Phase 1 of this program and Ventura County WPD also administered that grant for the same seven member group. This Phase 2 grant is a continuation of the same DWR grant program.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>FY 17-18 Revenue</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
DWR	\$ 78,085.72		
FC District			
Fees			
Other:			
Total	\$ 78,085.72	\$ -	\$ -

Narrative:

Operating the ALERT system is an ongoing program for the Flood Control District and costs are included in the budget every year. We anticipate receiving grant monies in FY 2017-18 and will include the revenue in the FY 2017-18 budget. This grant along with the Phase 1 grant will accelerate the five year plan on upgrading and replacing the current ALERT equipment. No General Fund monies will be utilized with this project.

Special Instructions:

Direct the Clerk of the Board to send a copy of the minute order of these actions to the Flood Control District office, Attn: Christina Lopez.

Attachments:

Attachment A - Copy of Memorandum of Understanding

Authored by:

Shawn Johnson, Senior Hydrologist, 568-3452