



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

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

Department Name: Flood Control
Department No.: 054
For Agenda Of: 08/20/13
Placement: Administrative
Estimated Tme: NA
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Flood Control and Water Conservation District

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

SUBJECT: Lillingston Canyon Debris Basin Modification Project, Phase 3, First Supervisorial District

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

- a) Award the construction contract for the Lillingston Canyon Debris Basin Modification Project, Phase 3 in the amount of \$189,700.00 to the lowest responsible bidder Acacia Erosion Control, Inc. (a local vendor), subject to the provisions of documents and certifications, as set forth in the plans and specification applicable to the project and as required by law;
- b) Authorize the Chair to execute the construction contract upon return of the contractor's executed contract documents, and the review and approval of County Counsel, Auditor-Controller, and Risk Manager or their authorized representatives;
- c) Approve a contingency in the amount of \$18,970.00 for the above subject construction contract;
- d) Approve plans and specifications for Lillingston Canyon Debris Basin Modification Project, Phase 3; and
- e) Find that pursuant to the California Environmental Quality Act (CEQA) 14 CCR Section 15162, no new effects will occur and no new mitigation measures would be required as a result of the project because there are no substantial changes proposed, no substantial changes in circumstances, and no new information of substantial importance regarding environmental effects of the project or of the sufficiency or feasibility of mitigation measures, and therefore

pursuant to CEQA Section 15168(c)(2), the Lillingston Canyon Debris Basin Project is within the scope of the project covered by the Program Environmental Impact Report (PEIR) for the Updated Routine Maintenance Program (01-EIR-01), Findings, and Statement of Overriding Considerations approved in December, 2001, and the Lillingston Debris Basin addendum to the PEIR approved June 15, 2010, and no subsequent environmental document is required. The PEIR, addendum, and associated information can be found at:

<http://santabarbara.legistar.com/LegislationDetail.aspx?ID=1125263&GUID=CCDA615D-BF63-4445-98E9-639C76B3F243>

Summary Text:

In August of 2011 and July of 2012, your Board awarded Phases 1 and 2 of the Lillingston Canyon Debris Basin Modification Project, respectively. During these phases, the existing grouted rock dam was “notched” a depth totaling 10 feet, and fitted with interim dam stabilization systems (including salvaged rock, geomembrane and a cable mesh drapery system) to stabilize the remaining structure during high flows. Both phases have been completed, and Phase 3 (final phase) of the project is scheduled to be constructed this year.

Phase 3 will remove the interim dam stabilization system, remove the remaining grouted dam and embankments, dismantle the grouted rock apron, and remove a portion of a cutoff wall. Phase 3 (final phase) construction will commence this summer with completion this fall.

On July 24, 2013, the Flood Control District received four bids for the Lillingston Canyon Debris Basin Modification Project Phase 3. Acacia Erosion Control, Inc. submitted the lowest responsive bid in the amount of \$189,700.00. The second lowest bid was in the amount of \$198,250.00. The engineer’s construction cost estimate is \$212,720.00.

Background:

The Lillingston Canyon Debris Basin is located in the foothills of the Santa Ynez Mountains north of the City of Carpinteria in the County of Santa Barbara. It is situated along Carpinteria Creek approximately 1.5 stream miles upstream of the confluence with Gobernador Creek. The Lillingston Canyon Debris Basin is an engineered facility that was built in 1971 by the U.S. Army Corps of Engineers after the Romero Fire.

Unlike other Flood Control District’s maintained debris dams, this basin is remote and not actively maintained. Constructed in the wake of the Romero Fire, the debris basin was allowed to fill in and stream flows are directed over the top of the spillway. As a result, this dam is impassable to steelhead trout and is ranked as a maximum severity barrier to steelhead passage in the report entitled, *Steelhead Assessment and Recovery Opportunities in Southern Santa Barbara County* (Stoecker et al., 2002). Removal of this barrier will allow steelhead to access an estimated five miles of upstream habitat. This work compliments the other fish passage projects completed along Carpinteria Creek in recent years.

In 2010, the California Department of Fish and Game now named the California Department of Fish and Wildlife (CDFW) awarded the Flood Control District a grant in the amount of \$207,744 to help finance deconstruction of the dam. Deconstruction is scheduled to occur in three phases over a period of three years. The first phase was completed in November, 2011. During each phase, the dam will be

“notched”, and the grouted rock will be broken up, allowing the rock and sediment built up behind the dam to wash through the creek system during successive rain events. The CDFW reimburses the Flood Control District for up to 50% of construction costs, for each phase, until the grant funds are depleted. The first phase was completed in 2011, the second phase was completed in 2012, and Phase 3 (final phase) is scheduled for this summer as a part of this action.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
South Coast FZ	-		\$ 157,918.00
CA Dept of Fish & Wildlife			\$ 50,752.00
Federal			
Fees			
Other:	-		
Total	\$ -	\$ -	\$ 208,670.00

Narrative:

Construction costs for this project will be partially funded by the CDFW grant with the remaining costs being funded by the South Coast Flood Zone. Construction costs for this phase on the project are included in the Adopted FY 2013-14 budget in the Water Resources Division in the Public Works Department as shown on page D-178 the budget book. No General Fund will be utilized with these actions.

This project is also included in the Capital Improvement Program on page B-123.

Special Instructions:

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

Attachments:

Exhibit 1: Location Map
Copy of construction contract

Authored by: Jon Frye, Engineering Manager, 568-3444

Exhibit 1

