



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: 09/16/14
Placement: Administrative
Estimated Tme: N/A
Continued Item: No
If Yes, date from:
Vote Required: 4/5

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: **Mud Lake Basin Siphon Improvement Project, Phase II, Fourth 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. Approve plans and specifications for the Mud Lake Basin Siphon Improvement Project, Phase II;
- B. Award the construction contract for the Mud Lake Basin Siphon Improvement Project, Phase II, in the amount of \$379,395.00 to the lowest responsible bidder Raminha Construction, Inc. (a Tri-County vendor), subject to the provisions of documents and certifications, as set forth in the plans and specifications applicable to the project and as required by law;
- C. Authorize the Chair to execute the construction contract upon return of the contractor's executed contract documents, and the review and approval of the County Counsel, Auditor-Controller, and Risk Manager or their authorized representatives;
- D. Authorize the Public Works Director or designee to approve changes or additions to the work being performed under the Construction Contract, in an amount not to exceed \$31,469.75 for the Mud Lake Basin Siphon Improvement Project, Phase II;
- E. Approve the Budget Request Revision (BJE 0003607) to release \$150,000 in fund balance in the Orcutt Flood Zone to increase the appropriation for the Mud Lake Basin Siphon Improvement Project, Phase II; and

- F. Find that the proposed Mud Lake Siphon Improvement Project, Phase II, consists of minor trenching and backfilling where the surface is restored in order to replace the siphon pipe at an existing facility and that the proposed project is therefore exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 14 CCR § 15304 (f) minor alterations to land, and 14 CCR § 15301 (d) existing facilities and that a CEQA Exemption for this project was approved by the Board of Directors and filed by the Clerk of the Board on July 1, 2014, therefore no new Categorical Exemption is required for the approval of the recommended actions a-e above. The CEQA Exemption can be found here: <https://santabarbara.legistar.com/LegislationDetail.aspx?ID=1820765&GUID=500AACCC-67E7-400E-B73F-1907787D089B>

Summary Text:

The Mud Lake Basin is a storm water retention basin located within the Orcutt area of Santa Barbara County, east of Bradley Road and north of Clark Avenue. The Mud Lake Basin Siphon Improvement Project, Phase II will consist of replacing the existing deteriorated siphon line that outlets from the basin with a new gravity line to be installed by the Horizontal Directional Drilling method, a trenchless technology. The new gravity line will be 12 inches in diameter and extend approximately 1,300 feet north of the basin, within Valley Drive, with approximately the last 200 feet being placed in an open cut and cover operation. A new manhole and gate valve within Valley Drive are also proposed. These improvements will allow Flood Control Maintenance staff to effectively manage the water levels within the Mud Lake Basin facility.

On August 25, 2014, the Flood Control District received eight (8) bids for the Mud Lake Basin Siphon Improvement Project, Phase II. Raminha Construction, Inc. submitted the lowest responsive bid in the amount of \$379,395.00. The second lowest bid was in the amount of \$427,920.00. The engineer's construction cost estimate was \$416,000.

The increase in project budget is being requested due to an increase in the engineer's construction cost estimate, which was confirmed by the bids received. The original budget was based on estimated Horizontal Directional Drilling costs provided by a consultant that were significantly lower than the Engineer's estimate and the bids received. The District has carefully considered the increased project costs and has determined that the proposed project is still the preferred alternative and that the lowest responsive bid represents a fair value for the work to be performed.

In July of this year the Board of Directors authorized the District to advertise and receive bids for this project. In 2010, the Mud Lake Siphon Improvement Project, Phase I was constructed, consisting of one new manhole and video inspection of the existing siphon pipe line. The video inspection was needed in order to determine the scope of the Phase II project.

Background:

Mud Lake Basin was constructed as part of the Village Hills Unit II development (Tract 12476) in 1981. The basin receives local drainage from the neighborhood and includes a manually operated siphon pipe discharge system in the Valley Drive public right of way, draining to the north.

The Mud Lake Basin can only be drained through the existing siphon line which was discovered to be significantly deteriorated during the Phase I video inspection and has always been cumbersome to operate by Flood Control maintenance staff. If the basin becomes full and is not drained, then any excess inflow will spill onto local streets in an uncontrolled manner. The installation of a new gravity drain by the Horizontal Directional Drilling method will replace the existing siphon line and allow for more efficient operation of the retention basin.

Fiscal and Facilities Impacts:

Budgeted: Yes

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
Orcutt FZ	\$ 410,864.75		
State			
Federal			
Fees			
Other:			
Total	\$ 410,864.75	\$ -	\$ -

Fiscal Analysis:

Narrative:

Partial costs for the Mud Lake Basin Siphon Improvement Project, Phase II are included in the adopted FY 2014-15 budget in the Water Resources Division of the Public Works Department as shown on page D-226 in the budget book. Approving the Budget Revision Request to increase costs for the project is necessary to complete the project. No General Fund will be utilized with these actions.

This project is also included in the Capital Improvement Program on page D-137.

Special Instructions:

Attachments:

Plans & Specs (available on the Clerk of the Board website and hard copies are available at the Clerk of Board office in Santa Barbara and the Fifth Supervisorial District office in Santa Maria)

Copy of Contract for Mud Lake Basin Siphon Improvement Project – Phase II

Budget Request Revision (BJE 0003607)

Authored by: Matt Griffin, Civil Engineer Specialist, 884-8074

