

**COUNTY OF SONOMA
AGENDA ITEM
SUMMARY REPORT**

Clerk of the Board Use Only
Meeting Date **Held Until**
 ___/___/___ ___/___/___
Agenda Item No: **Agenda Item No:**

Department: Regional Parks

() 4/5 Vote Required

Contact:
Allan Darrimon

Phone:
(707) 849-0174

Board Date:
5-12-09

Deadline for Board Action:

AGENDA SHORT TITLE:

Healdsburg Veterans Memorial Beach Dam Repair

REQUESTED BOARD ACTION:

Authorize the Chair to execute a Professional Services Agreement with LTD Engineering, Inc., for \$38,000 for repair of selected anchor plates on Healdsburg Veterans Memorial Beach Dam.

CURRENT FISCAL YEAR FINANCIAL IMPACT

<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD APPROVAL</u>	
Estimated Cost	\$ 38,000	Contingencies	\$
		(Fund Name:)	
Amount Budgeted	\$ 38,000	Unanticipated Revenue	\$
		(Source:)	
Other Avail Approp	\$	Other Transfer(s)	\$
(Explain below)		(Source:)	
Additional Requested:	\$ -0-	Add'l Funds Requested:	\$

Explanation (if required):

Prior Board Action(s):

6/28/05: Board authorized the Chair to sign Amendment #1 to Professional Services Agreement with LTD Engineering, Inc. for engineering services for the Healdsburg Veterans Memorial Beach Dam and to authorize the Director of Regional Parks to make minor changes and extend the agreement for up to one additional year beyond the amended term.

9/14/04: Board authorized the Chair to sign a contract extending services with LTD Engineering, Inc. for Healdsburg Veterans Memorial Dam design and authorizing the Director of the Department to make minor changes to the Agreement in a form approved by County Counsel.

8/20/02: Board authorized the Chair to sign a contract with LTD Engineering, Inc. for engineering services for the Healdsburg Veterans Memorial Beach Dam.

Alternatives - Results of Non-Approval:

Alternatives: Select a different contractor to complete the work.

Non-Approval: The dam repair will not be completed and Dam will not be raised for 2009 summer season.

BACKGROUND: (On File With Clerk- Five copies of Professional Services Agreement- Healdsburg Memorial Beach Dam Repair)

The Healdsburg Veterans Memorial Beach Dam (Dam) was built in the 1950s to create a summer swimming and recreation area at the Healdsburg Veterans Memorial Beach. The raising of the Dam each summer also replenishes four nearby water wells, which supply the City of Healdsburg. The Dam spans the Russian River and consists of a concrete sill and removable flashboards held in place with steel anchor plates attached to the sill. This configuration allows the flashboards to be removed during the off-season. The Dam, originally designed to accommodate the flashboards up to ten feet above the sill, was restricted to seven feet in 1995 due to safety considerations. In 2002, the Sonoma County Water Agency (Water Agency) built a fish ladder that abuts the Dam on the southwest downstream side to improve fish migration over the Dam.

In August 2008, a representative from the California Department of Water Resources, Division of Safety of Dams (DSOD) conducted a field inspection of the Dam, and determined that the extent of wear on the anchor plate assemblies, which reinforce the flashboards, were noticeably deteriorated. Due to safety concerns, DSOD required that an analysis from a structural engineering firm of the structural integrity of the anchor plates be performed. DSOD required that the analysis be submitted to them for approval and direction. DSOD also stated that the Dam could not be erected until the analysis and any necessary repairs based on that analysis and approval from DSOD were completed.

The Department has previously contracted with LTD Engineering, Inc beginning in 2000, wherein LTD was the selected consultant following a competitive process. Based on LTD's observations and major repair recommendations concerning the Dam during the construction of the fish ladder in 2002, the County entered into contract with LTD for engineering analysis, permit facilitation, and preparation of final construction drawings and specifications for reconstruction of the Dam sill. Due to the previous developed expertise of LTD Engineering with the Dam, the Department has selected LTD to prepare the structural analysis for the anchor plate repairs. The Department consulted with the Purchasing Division regarding this contract and they are in agreement with the selection and use of LTD Engineering for this work.

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Attachments:

On File With Clerk: Healdsburg Memorial Beach Dam Repair - Professional Services Agreement (5 copies)

CLERK OF THE BOARD USE ONLY

Board Action (If other than "Requested")

Vote:

BACKGROUND: (On File with Clerk - Five copies of Professional Services Agreement – Healdsburg Memorial Beach Dam Repair)

This agreement for LTD's structural engineering services in accordance with DSOD's requirements will allow LTD to meet with staff for project coordination and on-site dam assessment at Healdsburg Veterans Memorial Beach to assess river conditions, coordinate with DSOD and any regulatory agencies, develop dewatering equipment, perform an analysis for all anchor plates on the dam, and inspect during construction of the required replacement anchor plates. LTD's cost for these services is \$38,000.

Recommendation:

The Department recommends that the Board Authorize the Chair to execute a Professional Services Agreement with LTD Engineering, Inc., for \$38,000 for repair of selected anchor plates on Healdsburg Veterans Memorial Beach Dam.