



Santa Clara Valley Water District

File No.: 17-0823

Agenda Date: 2/27/2018

Item No.: 3.1.

BOARD AGENDA MEMORANDUM

SUBJECT:

Adopt Plans and Specifications and Authorize Advertisement for Bids for Construction of the Coyote Creek Levee Rodent Damage Repair Downstream of SR 237, Project No. 62084001, Task No. 5171, Contract No. C0637 (Milpitas) (District 3).

RECOMMENDATION:

- A. Adopt Plans and Specifications and Authorize Advertisement for Bids for Construction of the Coyote Creek Levee Rodent Damage Repair Downstream of SR 237 Project (Project), per the Notice to Bidders; and
- B. Authorize the Designated Engineer to issue addenda, as necessary, during bidding.

SUMMARY:

Staff has identified a need to proceed with approximately 30 erosion repair projects from FY2018 through FY2022. One of the higher priority projects is the U.S. Army Corps of Engineers (USACE) levee at Coyote Creek, downstream of SR 237 (Project Location Map, Attachment 2) within the City of Milpitas (City).

Annually, USACE staff inspects the Coyote Creek Levee to assess the condition of the levees to determine if corrective work is required to ensure the integrity of the levees. Based on inspections, USACE ranked this portion of the levee as “Minimally Acceptable” with a recommendation to address the burrowing animal damage to the levee. Despite implementation of a long-term burrowing animal abatement program, animal burrows continue to persist throughout the levee embankment’s landside and riverside slopes along the entire length of the creek. If left unabated, the current condition may induce levee failure by sloughing, slumping, and/or piping through the levee during high storm events. To maintain this certified levee within the “Acceptable” ranking from the USACE inspection, construction of this Project is proposed this year.

This Project will: A) repair damage to the levees due to burrowing animals along the most critical areas where a substantial number of holes have emerged within the levees immediately downstream of SR 237; B) reduce frequent maintenance costs associated with routine bank erosion repair projects; and C) reduce the risk of levee/bank slope failure due to damage caused by burrowing animals.

This Project will be implemented using the Stream Maintenance Program 2 (SMP-2) Permits. Each year the District submits a list of proposed projects to SMP-2 Regulators for their approval of projects to be implemented during the summer season (June 15 - October 15). Staff will file a Notice of Proposed Work (NPW) with the Regulators for early approval of this Project to be performed under the SMP-2 Permits in February 2018. Approval from the Regulators of SMP-2 Permits is necessary before the Board awards a construction contract. Typically, SMP-2 Permits allow annual work activities within the channel to occur no earlier than June 15 and conclude typically no later than October 15.

The Project plans and specifications will be available for review at the Board meeting when this item is considered. Upon Board approval of the recommendations, staff will proceed to advertise for bids for Project construction. The next Board action would be for Award of the construction contract on May 8, 2018, contingent upon approval of this Project by the SMP-2 Permit Regulators. The Project Delivery Schematic (Attachment 3) highlights the current Project phase and the staff recommendations before the Board.

FINANCIAL IMPACT:

The estimated construction contract cost for the Project is between \$800K and \$1.4M. Adequate funds for the construction contract are included in the FY18 budget.

CEQA:

The District is the lead agency under the California Environmental Quality Act for this scope of work.

The Project is covered under the Stream Maintenance Program Update (SMP-2), 2014-2023 and the Environmental Impact Report for the Stream Maintenance Program was certified by the Board on January 24, 2012.

ATTACHMENTS:

- Attachment 1: Notice to Bidders
- Attachment 2: Project Location Map
- Attachment 3: Project Delivery Chart

UNCLASSIFIED MANAGER:

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