Proposal Name: Reclamation District 17 Feasibility Study
Submission Date: 08/27/2019
Proposal ID Number: 3eb50957-26d9-467f-8860-74a6cdaa0c07

Purpose of Proposal: The purpose of the study would be to recommend a flood risk reduction plan for the area. The general authority for flood control investigations in the San Joaquin River Basin is in Section 2 and 6 of the Flood Control Act of 1936 (Pub. L. 74-738) and amended by the Flood Control Act of 1938 (Pub. L. 75-761). Because the study has not determined a recommendation there has been no specific congressional authorization for construction.
1. **Administrative Details**

Proposal Name: Reclamation District 17 Feasibility Study

by Agency: Sacramento District of the U.S. Army Corps of Engineers

Locations: CA

POC Name:

POC Phone:

POC Email:

Date Submitted: 08/27/2019

Confirmation Number: 3eb50957-26d9-467f-8860-74a6cdaa0c07

*Supporting Documents*

<table>
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<tr>
<th>File Name</th>
<th>Date Uploaded</th>
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<tbody>
<tr>
<td>RD17 Section 7001 - 20190816.pdf</td>
<td>08/27/2019</td>
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</table>
2. Provide the name of the primary sponsor and all non-Federal interests that have contributed or are expected to contribute toward the non-Federal share of the proposed feasibility study or modification.

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Letter of Support</th>
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<tbody>
<tr>
<td>State of California Central Valley Flood Protection Board (Primary)</td>
<td>The Lower San Joaquin River Interim Feasibility report excluded Reclamation District 17 (RD-17) improvements from the recommended plan due to the need to determine if USACE Executive Order 11988 (EO 11988) policy compliance issues applied to the RD-17 Basin. The State is currently working with local jurisdictions in RD-17 basin; City of Lathrop, City of Manteca, City of Stockton, County of San Joaquin, and RD-17, to develop a plan that would protect this over 43,000 population with consideration of wise-use of floodplain and identifying multi-benefit features. Once State and locals complete the alternative analysis, the final alternative is intended to address EO 11988 issues, the non-Federal Sponsors will request USACE to reinitiate the study. The Board confirms its intent to participate as a Non-Federal Sponsor in a study that would result in a recommended plan. The Board’s financial support is limited to flood control only and contingent on: State legislature authorization and appropriation for construction of the project, federal authorization and appropriation for construction of the project, project benefits outweighing costs, and costs being allocated according to beneficial uses and paid by appropriate parties benefiting from those uses.</td>
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3. State if this proposal is for new feasibility study authority, a modification to an existing feasibility study authority, a modification to an existing USACE project authority, or a modification to an existing USACE Environmental Infrastructure Program authority. If it is a proposal for a modification to an existing study, project or program authority, provide the authorized water resources development feasibility study or project name.

[x] Modification to a USACE Feasibility Study Authority: Reclamation District 17 Feasibility Study
4. Clearly articulate the specific project purpose(s) of the proposed study or modification. Demonstrate that the proposal is related to USACE mission and authorities and specifically address why additional or new authorization is needed.

The purpose of the study would be to recommend a flood risk reduction plan for the area. The general authority for flood control investigations in the San Joaquin River Basin is in Section 2 and 6 of the Flood Control Act of 1936 (Pub. L. 74-738) and amended by the Flood Control Act of 1938 (Pub. L. 75-761). Because the study has not determined a recommendation there has been no specific congressional authorization for construction.
5. To the extent practicable, provide an estimate of the total cost, and the Federal and non-Federal share of those costs, of the proposed study and, separately, an estimate of the cost of construction or modification.

<table>
<thead>
<tr>
<th></th>
<th>Federal</th>
<th>Non-Federal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study</td>
<td>$1,500,000</td>
<td>$1,500,000</td>
<td>$3,000,000</td>
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<tr>
<td>Construction</td>
<td>$60,000,000</td>
<td>$40,000,000</td>
<td>$100,000,000</td>
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Explanation (if necessary)

Since the purpose of the GRR is to recommend a plan the project costs are preliminary estimates.
6. To the extent practicable, describe the anticipated monetary and nonmonetary benefits of the proposal including benefits to the protection of human life and property; improvement to transportation; the national economy; the environment; or the national security interests of the United States.

Flooding in the RD-17 Basin would have devastating economic, social, political, and demographic consequences for the region, for the State of California, and for the federal government. RD-17 contains approximately 16,108 acres and is bounded by French Camp Slough on the north, the San Joaquin River on the West, and Walthall Slough on the South. Currently the land within the District is devoted to agricultural, commercial, industrial, residential, public facilities and various utilities and easements. RD-17 levees provide flood protection to over 44,700 people. The Basin includes assets at a value of $5.25 billion that include Interstate 5, State Highway 120, San Joaquin General Hospital, San Joaquin County Jail, San Joaquin County Honor Farm, San Joaquin County Juvenile Hall, two high schools, six elementary schools, and 28 facilities that house programs to serve vulnerable populations that would need special assistance during an evacuation due to flooding.
7. Does local support exist? If 'Yes', describe the local support for the proposal.

[ ] Yes

Local Support Description

Both the CVFPB and the City of Merced have expressed their commitment and support for the project.

8. Does the primary sponsor named in (2.) above have the financial ability to provide for the required cost share?

[ ] Yes
Primary Sponsor Letter of Support

(This is as uploaded, a blank page will show if nothing was submitted)
RD17 Section 7001 - 20190816.pdf
August 23, 2019

Mr. R.D. James
Assistant Secretary of the Army (CW)
U.S. Army Corps of Engineers
108 Army Pentagon
Washington, DC 20310-1000

Subject: Proposal for a Follow-on Study to the Lower San Joaquin River Feasibility Study be Included in the February 2020 U.S. Army Corps of Engineers (USACE) Annual Report to Congress for Future Water Resources Development

Dear Mr. R.D. James:

This letter documents the non-Federal support of the State of California Central Valley Flood Protection Board (CVFPB) for the inclusion of a section 7001 proposal for a follow-on study to the Lower San Joaquin River Feasibility Study. CVFPB requests the proposed modification be included in the Annual Report to Congress directed in Section 7001 of the Water Resources Reform and Development Act of 2014.

This proposal has been submitted online as required at http://www.wrrda7001propsals.us/. The five criteria set forth in Section 7001 of Public law 113-121 are as follows:

(A) CRITERIA FOR INCLUSION IN REPORT.—The Secretary shall include in the annual report only those feasibility reports, proposed feasibility studies, and proposed modifications to authorized water resources development projects and feasibility studies that—

(i) are related to the missions and authorities of the Corps of Engineers;

USACE has prepared the Lower San Joaquin Feasibility Study Report to reduce flood risk by reducing the problems associated with seepage, stability and erosion for the levees along the San Joaquin River, Calaveras River, Fourteen Mile Slough, Ten Mile Slough, and Mosher Slough.

The proposed follow-on study would address the extent of improvements necessary to reduce risk and increase the level of flood protection for the communities within Reclamation District 17 basin, which was not included in the original study.

The general authority for flood control investigations in the San Joaquin River Basin is in Section 2 and 6 of the Flood Control Act of 1936 (Public Law 74-738) and amended by the Flood Control Act of 1938 (Public Law 75-761).
(ii) *require specific congressional authorization, including by an Act of Congress;*

The completion of the follow-up study will result in a recommended plan, which will require congressional authorization and funding to begin construction.

(iii) *have not been congressionally authorized;*

USACE prepared a Chief’s Report and both studies were authorized in the Water Resources Development Act of 2018 (WRDA 2018).

(i) *have not been included in any previous annual report; and*

The follow-on study was not included in any previous annual reports. The original study was included in the 2016 Annual Report.

(ii) *if authorized, could be carried out by the Corps of Engineers.*

After a recommendation is made from the study, construction could be carried out by USACE.

The follow-on study will be developed in accordance with USACE guidance document EC 1165-2-220, which establishes an accountable, comprehensive, life-cycle review strategy for Civil Works products by providing a seamless process for review of all Civil Works projects from initial planning through design, construction, and operation, maintenance, repair, replacement and rehabilitation (OMRR&R). The EC outlines four general levels of review: District Quality Control/Quality Assurance (DQC/QA), Agency Technical Review (ATR), Independent External Peer Review (IEPR), and Policy and Legal Compliance Review. In addition to these levels of review, decision documents are subject to cost engineering review and certification (per EC 1165-2-220) and planning model certification/approval (per EC 1105-2-412).

The USACE’s support in progressing the original study toward the Chief’s Report was greatly appreciated, and now this letter is requesting additional support in securing appropriations for the follow-on study within Reclamation District 17’s basin.

The San Joaquin Area Flood Control Agency and CVFPB will be the non-Federal sponsors for the follow-on study and intend to provide the non-Federal cost share.

Central Valley Flood Protection Board

_______________________________
Leslie Gallagher
Central Valley Flood Protection Board
Executive Officer
cc: James C. Dalton, Director of Civil Works
    Headquarters, U.S. Army Corps of Engineers
    441 G Street NW
    Washington, DC 20314

    Curtis Lee, Engineer Geologist
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    Division of Flood Management
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    Todd Bernardy, Acting Chief, Flood Projects Office
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