

1. Administrative Details

Proposal Name: Lower San Joaquin River Feasibility Study

by Agency: State of California Central Valley Flood Protection Board and San Joaquin Area Flood Control Agency

Locations: CA

POC Name:

POC Phone:

POC Email:

Date Submitted: 09/24/2015

Confirmation Number: 2b4da7e6-2501-4370-b5b3-4461fce914ae

Supporting Documents

File Name	Date Uploaded
WRRDA 7001 Proposal letter.pdf	09/24/2015

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.

Sponsor	Letter of Support
State of California Central Valley Flood Protection Board and the San Joaquin Area Flood Control Agency(Primary)	The non-Federal sponsors, the Central Valley Flood Protection Board (CVFPB) and the San Joaquin Area Flood Control Agency (SJAFCA), are active participants in the San Joaquin River Feasibility Study. CVFPB and SJAFCA view the modifications identified in the Feasibility Report as critical components of the flood damage reduction system and are fully supportive of its implementation. CVFPB and SJAFCA have the ability to provide for the required cost share of the recommended plan.

3. State if this proposal is for a feasibility study, a modification to an authorized USACE feasibility study or a modification to an authorized USACE project. If it is a proposal for a modification, provide the authorized water resources development feasibility study or project name.

[x] Modification to an Authorized USACE Project : USACE is preparing an Integrated Interim Feasibility Report for the Lower San Joaquin River to recommend modifications to the Lower San Joaquin River

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 Lower San Joaquin River Feasibility Study recommends a plan for further improving levee performance and further reducing the risk of levee failure along the Lower San Joaquin River, Calaveras River, and along the western front of the City of Stockton and the Sacramento San Joaquin Delta.

The general authority for flood control investigations in the San Joaquin River Basin arises under the Flood Control Act of 1936 (Public Law [PL] 74-738), Sections 2 and 6 and amended by the Flood Control Act of 1938 (PL 75-761) (Figure 1-1). The Flood Control Act of 1936, Section 6 explicitly permits further reports to be authorized by congressional resolutions. Further studies of this river system were directed in the May 8, 1964 resolution adopted by the Committee on Public Works of the House of Representatives.

The Study is in accordance with the Section 905(b) Analysis (Water Resources Development Act (WRDA) 1986) dated 23 September 2004. The Section 905(b) Analysis was approved by the South Pacific Division (SPD) Commander, on June 10, 2005. The Section 905(b) Analysis was prepared with funds identified in House Report 108-357 (Conference Report to accompany H.R. 2745 for the Energy and Water Development Appropriations Act of 2004) for use under the Sacramento-San Joaquin River Basins Comprehensive Study for a reconnaissance study to evaluate environmental restoration, flood protection, and related purposes for the Lower San Joaquin River. House Report 105-190, which accompanied the Energy and Water Development Appropriations Act of 1998 (PL 105-62) identified initial funding and directed USACE to conduct a Comprehensive Study.

The USACE has concluded that the modifications to the authorized project require specific authorization from Congress. As such, the Corps will be preparing a Chief's Report for the Lower San Joaquin River Feasibility Study, currently scheduled to be completed by June 2016.

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.

	Federal	Non-Federal	Total
Study	\$0	\$0	\$0
Construction	\$523,347,000	\$280,402,000	\$803,749,000

Explanation (if necessary)

The Draft Feasibility Report was released for public review in February 2015. The cost estimate presented above came from the Draft Feasibility Report.

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.

The existing levee system within the area protects over 71,000 acres of mixed use land with a current population estimated at 264,000 residents and an estimated \$21 billion in damageable property. The recommended project, subject of the Feasibility Report, is intended to reduce the risk to human life and property. The non-Federal sponsors are eager to move forward with a project that is in accordance with State Laws and regulations to achieve a minimum 200-year risk reduction.

7. Does local support exist? If ‘Yes’, describe the local support for the proposal.

Yes

Local Support Description

The community that is being protected by the project is in support of the proposed improvements. The attached letter documents the non-Federal support of the San Joaquin Area Flood Control Agency (SJAFCFA) and the State of California Central Valley Flood Protection Board (CVFPB) for inclusion of a proposal for construction authorization of the project recommended in the Lower San Joaquin River Feasibility Report (Study). Include the recommended project in the Annual Report to Congress directed in Section 7001 of the Water Resources Reform and Development Act of 2014. We recognize that the feasibility report must be approved by the U.S. Army Corps of Engineers in a Chief of Engineers Report before the project can be authorized for construction.

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

Yes

Additional Proposal Information

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WRRDA 7001 Proposal letter.pdf



September 22, 2015

U.S. Army Corps of Engineers
Attn: CECW-CE (Lisa Kiefel)
441 G Street, NW
Washington, DC 20314-1000

**PROPOSAL FROM NON-FEDERAL INTERESTS TO BE INCLUDED IN THE
FEBRUARY 2016 U.S. ARMY CORPS OF ENGINEERS (USACE) ANNUAL REPORT
TO CONGRESS ON FUTURE WATER RESOURCES DEVELOPMENT**

This letter documents the non-Federal support by the San Joaquin Area Flood Control Agency (SJAFCA) for inclusion of a Section 7001 proposal for construction authorization of the project recommended in the Lower San Joaquin River Feasibility Study (Study) Report. SJAFCA requests the Study recommendation be included in the Annual Report to Congress directed in Section 7001 of the Water Resources Reform and Development Act of 2014. We recognize that the Feasibility Report must be approved by USACE in a Chief of Engineers Report before the project can be authorized for construction.

This proposal has been submitted online as required at <http://www.wrrda7001proposals.us/> and meets all the criteria for inclusion in the Annual Report appendix. The five criteria set forth in Section 7001 of Public Law 113-121 are met 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;

The USACE is preparing the Study Report to recommend improvements to reduce the risk of flooding in the cities of Stockton, Lathrop, Manteca and surrounding urbanizing areas. 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).

- (ii) *require specific congressional authorization, including by an Act of Congress;*

The USACE completed and certified a section 905(b) analysis and concluded the project requires specific authorization from Congress. As such, the USACE will be preparing a Chief's Report for the Study.

- (iii) *have not been Congressionally authorized;*

The improvements proposed in the Study have not been previously authorized.

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

This proposal was not included in the 2014 Annual Report.

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

The USACE has the authority and capability to execute the project upon authorization by Congress with full support of the non-federal sponsors.

The cost estimate for the recommended plan as presented in the draft Report is \$803.75 million with an estimated Federal cost of \$523.35 million and an estimated non-Federal cost of \$280.4 million.

Currently, the Feasibility Report excludes Reclamation District 17 (RD-17) improvements from the recommended plan due to USACE Executive Order 11988 (EO 11988) policy. SJAFCA is currently participating with the State and local jurisdictions in the 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 over 43,000 people currently residing there with consideration of wise-use of floodplain. Once a final alternative is developed, this will be brought back to USACE for consideration. Depending on the status of the existing Study, we would request to either include the RD-17 back into the Study or consider a follow-up study to supplement the Study's final recommendation. The non-Federal sponsors look forward to resolution of this issue and are seeking full federal cost share of the RD-17 improvements as part of the NED.

The existing levee system within the area protects over 71,000 acres of mixed-use land with a current population estimated at 264,000 residents and an estimated \$21 billion in damageable property. The recommended project, subject of the Feasibility Report, is intended to reduce the risk to human life and property. The non-Federal sponsors are

CECW-CE (Lisa Kiefel)

September 22, 2015

Page 3 of 3

eager to move forward with a project that is in accordance with State laws and regulations to achieve a minimum 200-year risk reduction.

The recommended plan includes:

- 20 miles of cut-off wall seepage remediation to existing levees along Mosher Slough, Fourteen-Mile Slough, Ten Mile Slough, the lower Calaveras River, San Joaquin River and French Camp Slough
- Closure structure on Fourteen-Mile Slough
- Closure structure on Smith Canal
- 3 miles of seismic remediation
- 6.1 miles of levee reshaping and strengthening along Fourteen-Mile Slough
- 5 miles of erosion protection along Fourteen-Mile Slough

USACE leadership to complete this Study is appreciated, and we look forward to the Chief's Report and eventual Congressional authorization of a project for this urban area. SJAFCA and the CVFPB have been the non-Federal sponsors for the Study and intend to provide the non-Federal cost sharing for the authorized project.



JAMES B. GIOTTONINI
EXECUTIVE DIRECTOR

JBG:dc

LSJRFS SECTION 7001 REQUEST LTR

cc: Michael Sabbaghian, Chief, Flood Projects Office, State of California Department of Water Resources
Bory Steinberg, Steinberg & Associates
Rich Worthington, Steinberg & Associates
Thane Young, Van Scoyoc Associates
Mike Selling, Acting Director, San Joaquin County Public Works
John Maguire, Engineering Services Manager, San Joaquin County Public Works