

1. Administrative Details

Proposal Name: West Sacramento General Reevaluation Report

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

Locations: CA

Date Submitted: 09/24/2015

Confirmation Number: 54387d6d-ebdd-4602-8379-87a1aa69c04f

Supporting Documents

File Name	Date Uploaded
West Sac GRR Section 7001.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(Primary)	The non-Federal sponsors, CVFPB and WSAFCA, are active participants in the GRR. CVFPB and WSAFCA view the modifications identified in the GRR as critical components of the flood damage reduction system and are fully supportive of its implementation. CVFPB and WSAFCA have the ability to provide for the required cost share of the recommended plan.
West Sacramento Area Flood Control Agency	The non-Federal sponsors, CVFPB and WSAFCA, are active participants in the GRR. CVFPB and WSAFCA view the modifications identified in the GRR as critical components of the flood damage reduction system and are fully supportive of its implementation. CVFPB and WSAFCA 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 : West Sacramento, California Project

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 GRR recommends a plan for further improving levee performance and further reducing the risk of levee failure along the Sacramento River in the West Sacramento area. Study authorization of this project was provided in Section 209 of the Flood Control Act of 1962, Pub. L. No. 87-874, § 209, 76 Stat. 1173, 1197 (1962). Construction authority and authority to produce a General Reevaluation Report was provided in Section 101(4) of the Water Resources Development Act (WRDA) of 1992, Pub. L. No. 102-580, § 101(4), 106 Stat. 4797, 4801-4802 (1992) (hereinafter WRDA 1992), and revised and supplemented through the Energy and Water Development and Appropriations Act (EWDAA) of 1999, Pub. L. No. 105-245, 112 Stat. 1838, 1840-1841 (1999) (hereinafter EWDAA 1999). USACE has concluded that the modifications to the authorized project require specific authorization from Congress. As such, USACE will be preparing a Chief's Report for the GRR, currently scheduled to be completed by April 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	\$4,285,000	\$4,285,000	\$8,570,000
Construction	\$1,051,101,000	\$561,666,000	\$1,612,767,000

Explanation (if necessary)

The cost estimate presented above is as shown in the Draft GRR and most recent Feasibility Amendment Agreement.

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 attached letter documents the non-Federal sponsor support for inclusion of a proposal for construction authorization of the project recommended in the GRR. 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 GRR must be approved by USACE in a Chief of Engineers Report before the project can be authorized for construction.

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

Yes

Local Support Description

The existing levee system within the area protects over 13,000 acres of mixed use land with a current population estimated at 48,000 residents and an estimated \$5 billion in damageable property. The recommended project; subject of the GRR, 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 for urban areas. SB 5 defines urban areas as having 10,000 residents or greater.

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

Yes

Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

West Sac GRR Section 7001.pdf

CENTRAL VALLEY FLOOD PROTECTION BOARD

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SACRAMENTO, CA 95821
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September 23, 2015

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

Subject: Proposals 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

Dear Ms. Kiefel:

This letter documents the non-Federal support of the State of California Central Valley Flood Protection Board (CVFPB) for inclusion of a Section 7001 proposal for construction authorization of the project recommended in the West Sacramento General Reevaluation Report (GRR). CVFPB requests that 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. We recognize that the GRR must be approved by the 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;

USACE is preparing the West Sacramento GRR to recommend improvements to reduce the risk of flooding in the City of West Sacramento. Study authorization of this project was provided in Section 209 of the Flood Control Act of 1962, Pub. L. No. 87-874, § 209, 76 Stat. 1173, 1197 (1962). Construction authority and authority to produce a General Reevaluation Report was provided in Section 101(4) of the Water Resources Development Act (WRDA) of 1992, Pub. L. No. 102-580, § 101(4), 106 Stat. 4797, 4801-4802 (1992) (hereinafter WRDA 1992), and revised and supplemented through the Energy and Water Development and Appropriations Act (EWDAA) of 1999, Pub. L. No. 105-245, 112 Stat. 1838, 1840-1841 (1999) (hereinafter EWDAA 1999).

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

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

- (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.*

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 \$1.6 billion developed by USACE with an estimated Federal cost of \$1.1 billion and an estimated non-Federal cost of \$562 million.

The existing levee system within the area protects over 13,000 acres of mixed use land with a current population estimated at 48,000 residents and an estimated \$5 billion in damageable property. The recommended project; subject of the GRR, 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 for urban areas.

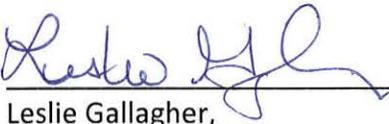
The recommended plan includes:

- 18,500 feet of cutoff walls to address seepage remediation and stability problems and 15,000 feet of rock bank protection to address erosion problems along the Sacramento River North levee.
- 3,500 feet of levee raise with embankment fill and 2,000 feet of flood wall to re-establish the height authorized for the DWSC project for the Port North Levee
- 8,400 feet of cutoff walls and slope flattening to address seepage and stability concerns on the Yolo Bypass levee.
- 3,000 feet of bank protection to address erosion concerns on the Sacramento Bypass training levee.
- Construct 550 feet of sheet pile wall with embankment fill to plug gap in the Sacramento River levee east of Stone Lock.

- Construct 30,000 feet of setback levee with slurry cutoff walls and/or seepage berms to address seepage remediation, and rock bank protection to address erosion problems along the Sacramento River South levee.
- Construct relief wells and 1,100 feet of stability berm to address seepage remediation and stability problems and 5,000 feet of levee raise to establish the height authorized for the Sacramento River Flood Control Project along the South Cross levee.
- 14,600 feet of cutoff walls to address seepage remediation along the Deep Water Ship Channel East levee.
- 1,000 feet of cutoff walls to address seepage remediation and 15,600 feet of levee raise with embankment fill to re-establish the height authorized for the DWSC project along the Port South levee.
- 25,000 feet of cutoff walls to address seepage remediation and 100,000 feet of rock bank protection to address erosion problems along the Deep Water Ship Channel West levee.
- 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. WSAFCA and CVFPB have been the non-Federal sponsors for the Study and intend to provide the non-Federal cost sharing for the authorized project.

Central Valley Flood Protection Board



Leslie Gallagher,
Central Valley Flood Protection Board
Executive Officer

cc: (see attached page)