



**DELTA LEVEES SPECIAL FLOOD CONTROL PROJECTS**

**PROJECTS  
SOLICITATION PACKAGE  
FOR  
LEVEE REPAIR AND IMPROVEMENT  
PROJECTS**

**February 16, 2010**

# Special Projects SOLICITATION PACKAGE

The California Department of Water Resources invites you to submit a Delta Levees Special Flood Control Projects proposal under the Near-Term Special Projects Guidelines (Near-Term Guidelines or Guidelines).

This solicitation specifically seeks levee repair and improvement Projects that improve the stability of the levee system (“Levee Stability” Projects). The process used to select among qualified proposals shall prioritize Projects that improve conditions for delta smelt and other native fish. This solicitation also seeks proposals for levee improvement Projects that protect municipal or industrial water supply aqueducts that cross the Delta (“Delta Aqueduct Levee Projects”) and any levee repair or improvements meeting the requirements of Senate Bill X7 8. This solicitation has been prepared in accordance with the California Water Code Section 8302(b)(5) and California Water Code Section 8302(a)(1). One hundred million dollars (\$100 million) from Propositions 1E and 84 will be made available for these projects.

## PROPOSAL DUE DATE

**March 26, 2010**  
**Hand-delivered by close of business or postmarked**

## PROPOSAL SUBMITTAL

Please submit three hard copies of the proposal to:

Mike Mirmazaheri, Program Manager  
Department of Water Resources  
Delta Levees Program  
1416 Ninth Street, Room 1641  
Sacramento, California 95814

Proposals submitted by mail must be postmarked by March 26, 2010.

Submittal should be limited to 50 pages (not including attachments).

## QUESTIONS? NEED ASSISTANCE? CONTACT:

Jon Wright	OR	Andrea Lobato
Department of Water Resources		Department of Water Resources
(916) 651-7010		(916) 651-9295
<a href="mailto:jwright@water.ca.gov">jwright@water.ca.gov</a>		<a href="mailto:alobato@water.ca.gov">alobato@water.ca.gov</a>

For an electronic copy of the Projects Solicitation Package, please go to <http://www.water.ca.gov/floodmgmt/dsmo/bdlb/spp>

# **Delta Levees Special Flood Control Projects Levee Repair and Improvement Projects Projects Solicitation Package (PSP)**

## **1. BACKGROUND**

On November 7, 2006 California voters approved Proposition 1E and Proposition 84 which provided funds to Local Agencies in the Delta through the Delta Special Projects program.

In September, 2008, the Legislature approved Senate Bill X2 1. Senate Bill X2 1 provided, among other things, \$100 million for flood control Projects that improve the stability of the levee system, reduce subsidence, and assist in restoring the ecosystem of the Delta. The process used to select among proposals shall prioritize Projects that improve conditions for delta smelt and other native fish. See California Water Code Section 8302(b)(5). Senate Bill X2 1 also provided \$35 million for flood control Projects that increase the protection provided to municipal and industrial water supply aqueducts that cross the Delta. See California Water Code Section 8302(a)(1). Additionally, Senate Bill X7 8, which was signed into law by Governor Schwarzenegger on November 6, 2009, allocates \$202 million for levee improvement projects.

On February 16, 2010, the Department of Water Resources published the Final Near-Term Guidelines to solicit proposals for the Special Projects (cited here as the Guidelines). These Guidelines offer details on the purpose, process and requirements of the Special Projects project selection. The draft Guidelines were made available for public comment for 30 days, and ultimately extended an additional 7 days to close on December 7, 2009. The Department collected, analyzed and/or integrated all comments and on February 16, 2010 issued the final version of the Guidelines. The Guidelines are incorporated as part of this PSP. All definitions of terms and all requirements for Projects under the Guidelines apply equally to this PSP. A copy of the Final Special Projects Near-Term Guidelines is available at [\[http://www.water.ca.gov/floodmgmt/dsmo/bdlb/spp\]](http://www.water.ca.gov/floodmgmt/dsmo/bdlb/spp).

This PSP provides a synopsis of the application process and Guidelines requirements, an application timeline, and the eligibility, ranking and cost-share criteria for the flood control Projects that qualify for this PSP. If this PSP does not cover requirements discussed in the Guidelines, the Applicant is not excused from performance as the Guidelines remain in control.

## **2. ELIGIBLE APPLICANTS**

An Applicant must be a Local Agency responsible for maintaining a Project or Non-Project levee in the Primary Zone of the Delta or a Non-Project levee in the Secondary Zone of the Delta.

## **3. ELIGIBLE PROJECTS**

Proposed projects must improve the stability of the Delta levee system, reduce subsidence and/or assist in restoring the ecosystem of the Delta. Projects that qualify for this funding will be ranked against similarly qualified Projects using the ranking criteria described below.

## **4. AVAILABLE FUNDS**

This PSP solicits proposals for \$100 million. The fund sources for this PSP are Propositions 1E and 84. As stated, these funds are for Projects that provide levee repair and improvement in the Delta

## **5. APPLICATION AND SELECTION PROCESS**

Applications must be submitted (either in person, by courier or postmarked) by 4:00 p.m. on March 26, 2010. Project proposals that do not meet this deadline will not be reviewed. The Department will review all timely submittals for completeness. Proposals that are not substantially complete will not be further reviewed. The Department may contact proponents of proposals that are substantially complete but missing some items. If a Local Agency is contacted by the Department with a request for more materials, it will have one week to provide all requested information.

Complete applications will be reviewed to determine whether they meet the general requirements, general project eligibility criteria, and specific project eligibility criteria.

Once an application is deemed complete and eligible, it will be ranked using the selection criteria provided below. After the highest ranked Projects are selected and the available funds are committed, the Department will issue tentative award letters to successful Applicants. Successful Applicants must enter into a Funding Agreement with the Department before any funds will be disbursed.

Award letters will tentatively be issued in May 2010. The Local Agency will develop and submit to the Department a detailed Scope of Work. In addition, the Department and Local Agency will negotiate a Funding Agreement. The Funding Agreement must be executed on or before June 30, 2010, unless, at its sole discretion, the Department extends this deadline.

Consistent with the Guidelines, the Department may, at its discretion, issue additional PSPs or exercise its discretion to use direct expenditures if proposals funded under this PSP do not use all available funding.

## A. Eligibility Requirements

All complete applications must meet the general eligibility criteria described in the Near-Term Guidelines. In addition, all projects proposed under this PSP must meet the specific criteria shown in the checklist in Appendix L1. Applicants should complete this checklist and include it with their submittal; this list asks whether each criterion is met and, if so, where it is demonstrated in the proposal.

## B. Ranking

All complete and eligible proposals will be ranked according to the category of Project proposed (i.e. Levee Stability HMP, Levee Stability Delta Specific PL 84-99, Delta Aqueduct Levee Project HMP or Delta Aqueduct Levee Delta Specific PL 84-99). As a general matter, HMP proposals will be funded before the Department funds Delta Specific PL 84-99 proposals, assuming they meet all minimum requirements. The highest ranked proposals will be selected for funding subject to available funds based on an estimate of the total Project cost and the estimated State cost-share.

The Department reserves the right to deny proposals that do not adequately meet the dictates of California Water Code Sections 12310-12318.

Local Agencies must offer sufficient information for the Department to evaluate its proposal under each criterion. Any criterion that is not met will receive a score of zero for that component. The Department retains discretion to check the reasonableness and accuracy of submitted materials.

### i. Levee Stability HMP<sup>1</sup>

Criterion	Score	Notes
Life Safety (Number of People Protected)	70 = 5000 and above 35 = 1000 to 4999 15 = 1 to 999	This criterion rates each Project based on the total number of people the Project would protect.
Construction	60 = within one season 30 = within two season 15 = more than two seasons	Schedule to bring all the Districts levees up to HMP standards

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<sup>1</sup> HMP Project proponents should be aware that Local Agencies seeking to raise a levee beyond HMP status must demonstrate that all of the levees and flood protection facilities in their jurisdiction have been raised to HMP.

**i. Levee Stability HMP (Continued)**

Criterion	Score	Notes
Habitat Impacts and Mitigation	<p><b>Maximum 18 points</b></p> <p>18 = Project avoids or mitigates habitat impacts prior to time of construction.</p> <p>9 = Project avoids or mitigates its habitat impacts at time of construction.</p> <p>5 = Project accurately describes unavoidable habitat impacts and describes how these impacts will be mitigated at a future date.</p> <p>0 = Project does not accurately describe its habitat impacts nor adequately provide for their avoidance or mitigation.</p>	Local Agency to offer documentation of consultations with the California Department of Fish and Game to substantiate the assertions in their application.
<p>Habitat Improvement and Ecosystem Restoration</p> <p style="padding-left: 40px;">Target Habitats</p> <p style="padding-left: 40px;">Delta smelt and other native fish</p> <p style="padding-left: 40px;">Ecosystem Benefits</p>	<p><b>Maximum 20 points</b> (components below can be additive)</p> <p>5 = Project includes habitat enhancement and/or restoration of targeted habitats (Appendix H1)</p> <p>5 = Project creates habitat that improves conditions for delta smelt and other native fish (Appendix H2)</p> <p>5 = Project demonstrates ecosystem benefits (Appendix H3) including landscape and hydrologic connectivity and improved conditions for other Delta T&amp;E species.</p>	Points will be awarded based on anticipated ecological benefits

**i. Levee Stability HMP (Continued)**

<b>Criterion</b>	<b>Score</b>	<b>Notes</b>
Approach and Feasibility	<p>5 = Project describes a well thought out and feasible approach to restoration (Appendix H4).</p> <p>0 = Proposal's habitat features, benefits and approaches are not described or are not consistent with current understanding of the improvements required for the health of the Delta Ecosystem.</p>	Points will be awarded based on the quality of the restoration approach and technical qualifications.
Project description and permits	12 = Application contains a complete Project Description, identifies needed permits and outlines a clear plan to obtain permits in a timely way to ensure project can proceed to construction within 6 months.	This criterion evaluates the completeness of the Project Description and thoroughness of Local Agency's plan to obtain the required permits (e.g., an identification of all required permits with corresponding budget and timeline).
Partnerships	<p>20 = 50% or more</p> <p>15 = 40% to 49%</p> <p>10 = 25% to 39%</p> <p>5 = 24% or less</p>	Percentage of Total cost-share that will be provided by an outside party, partnered with the Local Agency.

**ii. Levee Stability Delta Specific PL 84-99**

<b>Criterion</b>	<b>Score</b>	<b>Notes</b>
Life Safety (Number of People Protected)	40 = 5000 and above 25 = 1000 to 4999 10 = 1 to 999	This criterion rates each Project based on the total number of people the Project would protect.
Infrastructure State Highways  Emergency  Local Assets  Water Conveyance Facilities	<b>Maximum 40 points</b> 10 = Project will increase protection of a state highway  10 = Project increases protection of emergency infrastructure  10 = Project increases protection of local assets  10 = Project increases protection to water conveyance facilities	Protection of utilities, roads, services, fuel center, and food centers, etc.  Project provides protection to local assets, such as local businesses, agricultural operations and facilities, local transportation routes, etc
Water Quality	25 = Project contributes to protecting Delta water quality	Protects the quality of water by limiting salinity intrusion, contamination, etc.
Habitat Impacts and Mitigation	<b>Maximum 25 points</b> 25 = Project avoids or mitigates habitat impacts prior to time of construction.  15 = Project avoids or mitigates its habitat impacts at time of construction.  8 = Project accurately describes unavoidable habitat impacts and describes how these impacts will be mitigated at a future date.  0 = Project does not accurately describe its habitat impacts nor adequately provide for their avoidance or mitigation.	Local Agency to offer documentation of consultations with the California Department of Fish and Game to substantiate the assertions in their application.



**ii. Levee Stability Delta Specific PL 84-99 (Continued)**

<b>Criterion</b>	<b>Score</b>	<b>Notes</b>
	<p>10 = Application contains a complete Project Description, identifies needed permits and outlines a satisfactory plan to obtain permits in the foreseeable future</p> <p>0 = Project Description, permit description and plan to obtain permits is unsatisfactory</p>	
Partnerships <sup>2</sup>	<p>20 = 50% or more</p> <p>15 = 40% to 49%</p> <p>10 = 25% to 39%</p> <p>5 = 24% or less</p>	Percentage of Total cost-share that will be provided by an outside party, partnered with the Local Agency.

**iii. Delta Aqueduct Levee Project HMP<sup>3</sup>**

<b>Criterion</b>	<b>Score</b>	<b>Notes</b>
Levee proximity to aqueduct	<p>20 = Project raises the levee to the intended level of protection out to 1500 feet from the Delta Aqueduct to be protected</p> <p>10 = Project raises the levee to the intended level of protection out to 1000 feet from the Delta Aqueduct to be protected</p> <p>5 = Project raises the levee to the intended level of protection, but less than 500 feet from the Delta Aqueduct to be protected</p>	Additional Delta Aqueduct Project factor.

<sup>2</sup> Any Local Agency bringing third party funds into the proposed project will receive a 50% matching from State. This criterion is limited to the 95% maximum State cost-share of the Local Agency expenditures or the eligible project cost.

<sup>3</sup> HMP Project proponents should be aware that Local Agencies seeking to raise a levee beyond HMP status must demonstrate that all of the levees and flood protection facilities in their jurisdiction have been raised to HMP.

### iii. Delta Aqueduct Levee Project HMP (Continued)

Criterion	Score	Notes
<p>Life Safety (Number of People Protected)</p>	<p>60 = 5000 and above 30 = 1000 to 4999 15 = 1 to 999</p>	<p>This criterion rates each Project based on the total number of people the Project would protect.</p>
<p>Construction</p>	<p>50 = within one season 25 = within two season 10 = more than two seasons</p>	<p>Schedule to bring all the Districts levees up to HMP standards</p>
<p>Habitat Impacts and Mitigation</p>	<p><b>Maximum 18 points</b> 18 = Project avoids or mitigates habitat impacts prior to time of construction. 9 = Project avoids or mitigates its habitat impacts at time of construction. 5 = Project accurately describes unavoidable habitat impacts and describes how these impacts will be mitigated at a future date. 0 = Project does not accurately describe its habitat impacts nor adequately provide for their avoidance or mitigation.</p>	<p>Local Agency to offer documentation of consultations with the California Department of Fish and Game to substantiate the assertions in their application.</p>
<p>Habitat Improvement and Ecosystem Restoration</p> <p>Target Habitats</p> <p>Delta smelt and other native fish</p>	<p><b>Maximum 20 points</b> (components below can be additive)</p> <p>5 = Project includes habitat enhancement and/or restoration of targeted habitats (Appendix H1)</p> <p>5 = Project creates habitat that improves conditions for delta smelt and other native fish (Appendix H2)</p>	<p>Points will be awarded based on anticipated ecological benefits</p>



**iv. Delta Aqueduct Levee Project Delta Specific PL 84-99**

<b>Criterion</b>	<b>Score</b>	<b>Notes</b>
Levee proximity to aqueduct	<p>20 = Project raises the levee to the intended level of protection out to 1500 feet from the Delta Aqueduct to be protected</p> <p>10 = Project raises the levee to the intended level of protection out to 1000 feet from the Delta Aqueduct to be protected</p> <p>5 = Project raises the levee to the intended level of protection, but less than 500 feet from the Delta Aqueduct to be protected</p>	Additional Delta Aqueduct Project factor.
Life Safety (Number of People Protected)	<p>25 = 5000 and above</p> <p>12 = 1000 to 4999</p> <p>6 = 1 to 999</p>	This criterion rates each Project based on the total number of people the Project would protect.
<p>Infrastructure</p> <p>    State Highways</p> <p>    Emergency</p> <p>    Local Assets</p> <p>    Water Conveyance Facilities</p>	<p><b>Maximum 40 points</b></p> <p>10 = Project will increase protection of a state highway</p> <p>10 = Project increases protection of emergency infrastructure</p> <p>10 = Project increases protection of local assets</p> <p>10 = Project increases protection to water conveyance facilities</p>	<p>Protection of utilities, roads, services, fuel center, and food centers, etc.</p> <p>Project provides protection to local assets, such as local businesses, agricultural operations and facilities, local transportation routes, etc</p>
Water Quality	20 = Project contributes to protecting Delta water quality	Protects the quality of water by limiting salinity intrusion, contamination, etc.

**iv. Delta Aqueduct Levee Project Delta Specific PL 84-99 (Continued)**

Criterion	Score	Notes
Habitat Impacts and Mitigation	<p><b>Maximum 25 points</b></p> <p>25 = Project avoids or mitigates habitat impacts prior to time of construction.</p> <p>15 = Project avoids or mitigates its habitat impacts at time of construction.</p> <p>8 = Project accurately describes unavoidable habitat impacts and describes how these impacts will be mitigated at a future date.</p> <p>0 = Project does not accurately describe its habitat impacts nor adequately provide for their avoidance or mitigation.</p>	Local Agency to offer documentation of consultations with the California Department of Fish and Game to substantiate the assertions in their application.
<p>Habitat Improvement and Ecosystem Restoration</p> <p align="center">Target Habitats</p> <p align="center">Delta smelt and other native fish</p> <p align="center">Ecosystem Benefits</p>	<p><b>Maximum 30 points</b> (components below can be additive)</p> <p>10 = Project includes habitat enhancement and/or restoration of targeted habitats (Appendix H1)</p> <p>10 = Project creates habitat that improves conditions for delta smelt and other native fish (Appendix H2)</p> <p>5 = Project demonstrates ecosystem benefits (Appendix H3) including landscape and hydrologic connectivity and improved conditions for other Delta T&amp;E species.</p>	Points will be awarded based on anticipated ecological benefits

**iv. Delta Aqueduct Levee Project Delta Specific PL 84-99 (Continued)**

<b>Criterion</b>	<b>Score</b>	<b>Notes</b>
Approach and Feasibility	<p>5 = Project describes a well thought out and feasible approach to restoration (Appendix H4).</p> <p>0 = Proposal's habitat features, benefits and approaches are not described or are not consistent with current understanding of the improvements required for the health of the Delta Ecosystem.</p>	Points will be awarded based on the quality of the restoration approach and technical qualifications
Project description and permits	<p>20 = Application contains a complete Project Description, identifies needed permits and outlines a clear plan to obtain permits in a timely way to ensure project can proceed to construction within 6 months.</p> <p>10 = Application contains a complete Project Description, identifies needed permits and outlines a satisfactory plan to obtain permits in the foreseeable future</p> <p>0 = Project Description, permit description and plan to obtain permits is unsatisfactory</p>	This criterion evaluates the completeness of the Project Description and thoroughness of Local Agency's plan to obtain the required permits (e.g., an identification of all required permits with corresponding budget and timeline).
Partnerships	<p>20 = 50% or more</p> <p>15 = 40% to 49%</p> <p>10 = 25% to 39%</p> <p>5 = 24% or less</p>	Percentage of Total cost-share that will be provided by an outside party, partnered with the Local Agency.

## C. Cost-Share

The Guidelines require the Applicant to submit a justification for the Applicant's Project cost-share estimate of what the State cost-share of the Project should be if the submitted Project is funded.

Projects evaluated under this PSP will be cost-shared according to the rules set forth in the Near-Term Guidelines Pages 23 through 26.

## 6. APPLICATION TIMELINE

### A. Anticipated Schedule

The following is the anticipated schedule for the application and review process:

February 16, 2010	Final Near-Term Guidelines released to the public.
February 16, 2010	PSP released to the public.
March 26, 2010	<b>Proposals due by 4:00 p.m. (or postmarked)</b>
May 2010	Department notifies Local Agencies of funding decisions.
May - June, 2010	Department develop agreements for signature by Local Agency; Local Agency develops work plan.
June 30, 2010	Last day for Funding Agreement to be executed. Local Agency begins work.

## 7. PREPARING THE PROPOSAL

Applications must include the following when submitting a Project proposal:<sup>4</sup>

- An application cover sheet that provides an overview of the Project;
- A statement identifying the Applicant's representatives;
- Local Agency Information (Appendix L2);

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<sup>4</sup> Applicants with questions about what to provide should consult with the Department. Typical FloodSAFE projects require an economic justification. Projects eligible under the Near-Term Guidelines, however, do not need to provide any economic justification since the California Water Code includes specific mandates for the Delta Special Projects Program.

- A resolution signed by the Local Agency authorizing submission of the application and designating a representative to sign the application, entering into a contract with the State of California, implementing a flood protection program, and providing the local cost-share (Appendix L3);
- A detailed Project Description; including maps, drawings and a statement explaining the assets the Project will protect and justification for the project. The level of detail provided in the Project Description is at the discretion of the Applicant, but it is in the Applicant's interest to offer as much detail and documentation as possible, as the eligibility and ranking criteria in these Guidelines require a great deal of specific information;
- A statement from a professional civil engineer who has reviewed the Project Description discussing the benefits of the project to flood protection and/or habitat;
- A detailed statement of expected Project costs and detailed Financial Plan;
- A detailed description of the impact the Project has on habitat and the environment, a detailed discussion of the environmental permits required for the Project, and a schedule for permit completion;
- A detailed description of how the Project will meet the requirements of Water Code Sections 12314, which require no net long-term loss of habitat and net habitat improvement;
- A cost-share recommendation estimate for the amount of State cost-share to which the Local Agency believes it is entitled and a LABA if the Local Agency intends to request an alternative cost-share;
- A statement of loans from other sources or bonds that are associated with the Financial Plan and a statement of repayment method and loan security for such other financing sources; and
- A checklist of the materials required for a complete application is presented in Section XI of the Near Term Guidelines.

## **8. HOW TO SUBMIT A PROPOSAL**

Prepare the attached application form. All items are required. If an item does not apply, provide complete justification for not providing the information. Append all required attachments and other submitted material. In addition, be sure that:

- Three copies of each hard-copy item are submitted in person or postmarked by the deadline.
- The application form is hard copy.
- Plans and other graphic material are submitted full size.
- Hard copies or hard-copy attachments are completely legible and suitable for copying.

## **9. CONFLICT OF INTEREST AND CONFIDENTIALITY**

All participants are subject to State and Federal conflict of interest laws. Failure to comply with these laws, including business and financial disclosure provisions, will result in the application being rejected and any subsequent contract being declared void. Other legal action may also be taken. Applicable statutes include, but are not limited to, Government Code, Section 1090, and Public Contract Code, Sections 10410 and 10411.

Applicants should note that by submitting an application, they will waive their rights to the confidentiality of that application, though Department staff will endeavor to keep all applications confidential until Project selection. After the Projects are selected, all applications (those selected and those not) will be public documents.

## Appendix H1

### Habitat Goals

The Department intends to fund Habitat Projects that enhance and/or restore habitats that have been impacted by historic levee construction and provide benefits to the overall ecosystem health of the Delta. The following habitats are considered the highest priorities based on multiple analyses.

Habitat types include:

-- **AB360** habitat mitigation goals include the following habitat types:

- Shaded Riverine Aquatic (SRA)
- Freshwater Marsh (FM) Habitat
- Scrub-shrub (SS) Habitat
- Riparian Forest (RF) Habitat
- Riverine Aquatic Bed (RAB)

-- **Additional** habitat goals consistent with improving the overall ecological health of the Delta include:

- Intertidal marsh restoration including brackish and freshwater intertidal marshes.
- Channel margin habitat restoration aimed at returning suitable sites along the water side of levees to a more natural condition for increased food production, rearing habitat, and improved water temperature conditions for fish.
- Riparian habitat restoration aimed at establishing native vegetation near channels, rivers, and streams.
- Shallow sub-tidal habitat restoration aimed at improving shallow tidal habitats.

## Appendix H2

### Native Fish

**Native Fish:** Project demonstrates benefit to native fish species, including delta smelt and other threatened and endangered species. Consistent with Senate Bill X2 1, the best scores will reflect projects that propose to improve conditions for delta smelt and other native fish (especially threatened and endangered species). Project proposals should provide a concise justification for why native fish will benefit from the project, by indicating whether the project is in the vicinity of historical or currently observed native fish habitat and whether the project restores the habitat(s) known to be beneficial to at least one the targeted species. The following table provides an indication of habitats suitable for Delta native fish species.

	Seasonally Inundated Floodplain	Freshwater Tidal Marsh	Brackish Tidal Marsh	Channel Margin
Steelhead, Central Valley DPS	X	X	X	X
Chinook Sacramento R. winter-run	X	X	X	X
Chinook Central V. spring-run	X	X	X	X
Chinook Central V. fall-/late fall-run	X	X	X	X
Longfin smelt		X	X	
Delta smelt	X	X	X	
Sacramento splittail	X	X	X	X
White sturgeon		X	X	
Green sturgeon		X	X	
Pacific lamprey		X	X	X
River lamprey		X	X	X

## Appendix H3

### Ecosystem Benefits

The following factors that should be considered in developing a successful restoration proposal include:

**Threatened and Endangered Species:** Project demonstrates benefit to multiple threatened and endangered species, consistent with other Delta restoration planning efforts (CALFED ERP, Bay Delta Conservation Plan, etc.)

**Landscape Approach:** Enhance habitat connectivity to encourage natural movement of native species and facilitate adaptation to climate change. Restoration approaches should enhance habitat connectivity of existing habitats, acknowledge the importance of upland habitats, and provide linkages to other restoration efforts.

**Natural Hydrologic Regime:** Restore natural hydrologic processes with an understanding of historic conditions and current constraints. Projects that provide multiple benefits to protecting the integrity of the levee system and which consider how the natural hydrologic regime can be restored in the face of climate change and possible changes in Delta hydrodynamics will score the highest. Projects that lead to the restoration of floodplain and/or tidal processes score the highest. Projects such as setback levees, in channel islands, and in-channel benches are favored by this criterion.

## Appendix L1

### Levee Stability and Delta Aqueduct Levee Project Eligibility Requirements

#### General Requirements

Criterion	Is this criterion met? Where is it demonstrated in the proposal?
Project must be intended to: (a) study, design or construct work that will bring the levee system up to HMP or Delta Specific PL 84-99 standards, (b) conduct Delta Levee Studies and Research, (c) create, restore, enhance or protect habitat, or (d) complete a Five-Year Plan.	
Project must not significantly impair the functionality of the levee system.	
Where and when applicable, Department must approve of the level of protection the Local Agency seeks to achieve through build-out of its Five-Year Plan.	
Project should address the impacts of climate change on the Local Agencies levees and discuss features that allow accommodation or adaptation to future moderate changes.	
Project must not induce growth (e.g. urbanization).	
Project proposal must include a Project Description, Financial Plan and schedule.	
Application should identify all potential beneficiaries of the proposed Project, including population estimates, infrastructure, environmental resources and other improved property.	
Projects must meet the requirements of California Water Code Section 12310-12318.	

## Appendix L1 (Continued)

### HMP Specific Requirements (If Project is HMP) (Applies to Levee Stability and Delta Aqueduct Levee Projects)

Specific Requirements	Is this criterion met? Where is it demonstrated in the proposal?
Project must be consistent with the Local Agency's Long Term Plan (if a Plan has been completed).	
Local Agency must provide proof that successful construction of this Project will result in a flood protection facility that meets HMP standards.	
Local Agency should demonstrate that the proposed HMP Project is consistent with the Department's objective of raising all levees in a district to HMP standard.	
A design upgrade (overbuild) may be proposed in a HMP project to add 0.5 foot of extra crest elevation. An additional 0.5 foot may be added if the levee crest includes a state or county paved road. Additional overbuild may be considered, with DWR prior approval, if the Local Agency submits adequate engineering analysis.	

## Appendix L1 (Continued)

### Delta Specific PL 84-99 Requirements (If Project is Delta Specific PL 84-99) (Applies to Levee Stability and Delta Aqueduct Levee Projects)

Specific Requirements	Is this criterion met? Where is it demonstrated in the proposal?
Project must be consistent with Local Agency's DWR-approved Long Term Plan (if a Plan has been completed).	.
Project must raise the length of levee addressed to the Delta Specific PL 84-99 criteria (with additional improvements responsive to Bulletin 192-82 non-urban criteria).	
Local Agency's Financial Plan demonstrates plan to achieve Delta Specific PL 84-99 compliance for the entire protected area by FY 2015-2016 (assuming needed state funding is available).	
A design upgrade (overbuild) may be proposed in a Delta Specific PL 84-99 project to add 0.5 foot of extra crest elevation. An additional 0.5 foot may be added if the levee crest includes a state or county paved road. Additional overbuild may be considered, with DWR prior approval, if the Local Agency submits adequate engineering analysis.	

## Appendix L1 (Continued)

### Delta Aqueduct Eligibility Requirements (Applies only to Delta Aqueduct Levee Projects)

Specific Criteria	Is this criterion met? Where is it demonstrated in the proposal?
Project does not seek to improve levees beyond Delta Specific PL 84-99 level of protection.	
Project must be for work to reinforce levees that have the highest potential to suffer breaches or failure and cause harm to municipal and industrial water supply aqueducts that cross the Delta that are vulnerable to flood damage.	

## Appendix L2

### Local Agency Information

Title of Project :

Short Description :

:

Applicant Agency

Legal Name:

Mailing Address:

City, State, Zip Code:

Telephone: ( )

Fax: ( )

E-Mail:

Authorized Representative

Name:

Title:

Telephone: ( )

Fax: ( )

E-Mail:

Alternate Contact

Name:

Title:

Telephone: ( )

Fax: ( )

E-Mail:

Cities/Communities in  
the Protected Area:

County :

Members of Congress

Name, District No.:

Name, District No.:

State Senators

Name, District No.:

Name, District No.:

Members of the State Assembly

Name, District No.:

Name, District No.:

**Appendix L3**

**Resolution No.** \_\_\_\_\_

**Resolved by the** \_\_\_\_\_ **of the**

*(Name of Agency's Governing Body)*

\_\_\_\_\_

*(Name of Agency)*

**That pursuant to and subject to all of the terms and provisions of California Public Resources Code Section 5096.21 and/or 75030 application by this**

\_\_\_\_\_

*(Type of Agency)*

**be made to the California Department of Water Resources to obtain funding for**

\_\_\_\_\_

*(Project Title)*

**The** \_\_\_\_\_ **of the**

*(Authorized Representative)*

\_\_\_\_\_ **is hereby authorized and directed**

*(Type of Agency)*

**to prepare the necessary data, make investigations, sign certifications required as part of the application, and sign and file such application with the California Department of Water Resources.**

***Passed and adopted at the regular meeting of the***

\_\_\_\_\_ **of the**

*(Name of Agency's Governing Body)*

\_\_\_\_\_

*(Name of Agency)*

**on** \_\_\_\_\_

*(Date)*

**Authorized Signature** \_\_\_\_\_

**Printed Name** \_\_\_\_\_

**Title** \_\_\_\_\_

**Clerk/Secretary** \_\_\_\_\_