

RECLAMATION

Managing Water in the West

Funding Opportunity Announcement NO: R12AF20002

Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants

Fiscal Year 2012



U.S. Department of the Interior
Bureau of Reclamation
Mid-Pacific Region
<http://www.usbr.gov/mp/>

December 2011

Reclamation's BAY-DELTA RESTORATION FUND Water Use Efficiency Grant Program

Department of the Interior
Bureau of Reclamation
Mid Pacific Region
2800 Cottage Way
Sacramento, CA 95825

OVERVIEW

Federal Agency Name:	BAY-DELTA RESTORATION FUND and Department of the Interior, Bureau of Reclamation, Sacramento, California
Funding Opportunity Title:	Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants, California Bay-Delta Constituents
Announcement Type:	Initial announcement
Funding Opportunity Number:	R12AF200002
Catalog of Federal Domestic Assistance (CFDA) Number:	15.533
Application Due Date:	Applications due on or before March 14th, 2012 by 3:00 p.m. PST
Eligible Applicants:	As described in Section III.A
Cost Share:	Non-Federal Sources: 50% or more of project costs.
Federal Funding Amount:	Maximum of 50% of project costs, not to exceed \$1,000,000.00
Estimated number of agreements to be awarded:	Multiple
Total amount of funding available for award:	Estimated: \$5,000,000.00. The amount of funding available for this FOA is dependent on regional spending priorities and may decrease at any time. This FOA may be canceled if sufficient funding is not available.

PROPOSAL CHECKLIST

The following table contains a summary of the information that you are **REQUIRED** to submit with your application.

SUBMIT AN <u>ORIGINAL AND DISK</u> OF DOCUMENTS BELOW			
√	What to Submit	Required Content	REQUIRED FORM OR FORMAT
	PROPOSAL PACKAGE:	See Sec. IV.C	See below and Section IV.K
	Cover Page	See Sec. IV.C.2.1	Office of Management and Budget (OMB), Standard Form (SF) 424*, Application for Federal Assistance.
	Assurances	See Sec. IV.C.2.2	Office of Management and Budget (OMB), SF 424B* or SF 424D*, as applicable.
	Title Page	See Sec. IV.C.2.3	See format in Section IV.K
	Table of Contents	See Sec. IV.C.2.4	See format in Section IV.K
	Executive Summary	See Sec. IV.C.2.5	See format in Section IV.K
	• General Project Information	See Sec. IV.C.2.5.1	See format in Section IV.K
	Technical Proposal	See Sec. IV.C.2.6	See format in Section IV.K
	• Background Data	See Sec. IV.C.2.6.1	See format in Section IV.K
	• Consistency with State or Local Water Plan	See Sec. IV.C.2.6.2	See format in Section IV.K
	• Project Description	See Sec. IV.C.2.6.3	See format at Section IV.K
	• Demonstrated Results	See Sec. IV.C.2.6.4	See format at Section IV.K
	• Performance Measures and Project Monitoring	See Sec. IV.C.2.6.5	See format in Section IV.K
	• Need for Project and Community Involvement	See Sec. IV.C.2.6.6	See format at Section IV.K
	• Environmental Regulatory Compliance	See Sec. IV.C.2.6.7	See format in Section IV.K
	Project Benefit Tables and Worksheet	See Sec. IV.D	See format in Section IV.K , available at www.usbr.gov/mp/watershare/
	Funding Plan Instructions	See Sec. IV.E	See format in Section IV.K
	Budget Proposal	See Sec. IV.F.1	See below and Section IV.K
	Budget Narrative with Supporting Documentation	See Sec. IV.F.2	See format in Section IV.K
	Budget Form SF 424A or SF424C	See Sec. IV.G	Office of Management and Budget (OMB) SF 424A* Budget Information (Non-Construction Programs) or SF 424C* (Construction Programs), as applicable.
*Forms may be downloaded from www.grants.gov under the Funding Opportunity Announcement, R12AF20002 ,			

REQUEST FOR FUNDING OPPORTUNITY

Contents

	Page
SECTION I. GENERAL INFORMATION	1
I.A.1. BACKGROUND AND PURPOSE	1
I.A.2. PROGRAM OBJECTIVE	1
I.A.3. OBJECTIVE OF REQUEST FOR FUNDING OPPORTUNITY	1
I.B.1. ELIGIBLE PROJECTS	2
I.B.2. TYPES OF PROJECTS	2
I.C. PROGRAM AUTHORITY	2
SECTION II. AWARD INFORMATION	2
II.A. TOTAL PROJECT FUNDING	2
II.B. PROJECT FUNDING LIMITATIONS	2
II.C. RECLAMATION RESPONSIBILITIES	3
II.D. AWARD DATE	3
SECTION III. ELIGIBILITY INFORMATION	3
III.A. ELIGIBLE APPLICANTS	3
III.B. COST SHARE GUIDELINES	3
III.C. LENGTH OF PROJECT	4
III.D. OTHER REQUIREMENTS	4
SECTION IV – APPLICATION AND PROPOSAL SUBMISSION INFORMATION	5
IV.A. ADDRESS TO REQUEST APPLICATION PACKAGE	5
IV.B. INSTRUCTIONS FOR SUBMISSION OF PROJECT PROPOSAL	5
IV.C. PROPOSAL FORMAT AND CONTENT	5
IV.D. PROJECT BENEFIT TABLES AND WORKSHEET	9
IV.E. FUNDING PLAN INSTRUCTIONS	9
IV.F. BUDGET PROPOSAL AND BUDGET NARRATIVE	9
IV.G. BUDGET FORM	11
IV.H. DATE FOR RECEIPT OF PROPOSALS	11
IV.I. PROPOSAL DELIVERY INSTRUCTIONS	11
IV.J. PROPOSAL SUBMISSION CHECKLIST	12
IV.K. FORMATS	12
SECTION V. APPLICATION REVIEW INFORMATION	22
V.A. EVALUATION CRITERIA	22
SECTION VI – AWARD ADMINISTRATION INFORMATION	25
VI.A. AWARD NOTICES	25
VI.B. AWARD DOCUMENT	25
VI.C. REPORTING REQUIREMENTS AND DISTRIBUTION	25
SECTION VII – AGENCY CONTACTS	25
SECTION VIII – OTHER INFORMATION	26
VIII.A. STANDARD TERMS & CONDITIONS	26
VIII.B. FREEDOM OF INFORMATION ACT (FOIA)	26

SECTION I – GENERAL INFORMATION

I.A.1. BACKGROUND AND PURPOSE

The mission of the Bureau of Reclamation (Reclamation) is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Reclamation's Mid-Pacific Region is a participating agency in the Bay-Delta Restoration Program. The CALFED Bay-Delta Program Final Programmatic EIS/EIR was released July 21, 2000, and the Record of Decision (ROD) was published August 28, 2000. As described in these documents, the Bay-Delta Restoration Program includes strategies to address ecosystem health, water supply reliability and water quality. Water use efficiency is a critical element in the successful implementation of the Bay-Delta Restoration Fund Program.

Reclamation is posting a Funding Opportunity Application (FOA) for cost share funding for water use efficiency and conservation activities. **To be eligible for financial assistance, a proposed activity must have a defined relationship to the California Bay-Delta.**

The President's FY 2012 budget request included \$5 million proposed for Bay Delta Restoration Water Use Efficiency Grants. The amount of funding available for award for this FOA will be determined once final FY 2012 appropriations are made and regional spending priorities are determined. This FOA may be canceled at anytime if sufficient funding is not available. Reclamation can fund up to 50% of approved projects, not exceeding \$1,000,000.

I.A.2. PROGRAM OBJECTIVE

The objective of the CALFED Water Use Efficiency Grants is to promote the goals/objectives and missions of Bay-Delta Restoration Fund. These goals (objectives) include but are not limited to:

- Goal 1: Reduce existing irrecoverable losses, increasing the overall volume of available water;
- Goal 2: Achieve multiple state-wide benefits;
- Goal 3: Preserve local flexibility; and
- Goal 4: Build on existing water use efficiency programs.

Please visit www.calwater.ca.gov/content/Documents/ROD.pdf and refer to pages 59-64 for a complete description of Bay-Delta Restoration Program goals and objectives.

I.A.3. OBJECTIVE OF REQUEST FOR FUNDING OPPORTUNITY

This FOA invites recipients to leverage their money and resources, by cost sharing with Reclamation on projects emphasizing water use efficiency and conservation activities that result in benefits for the California-Bay Delta. For FY 2012, if the applicant has already committed to accomplish the project as part of another agreement, then the project will not be eligible for funding under this FOA. Projects will be selected through a competitive process that will focus on achieving the outcomes identified in this FOA.

This FOA does not support research to reduce the cost of desalination through membrane process research and development studies, thermal process research and development studies, and non-traditional/alternative desalination process research and studies; and water recycling and reuse studies. For more information regarding these programs within Reclamation, visit the Water Treatment and Engineering and Research Group website at www.usbr.gov/pmts/water/desalination/index.html. New funding opportunities under these programs will be announced at www.grants.gov.

I.B.1. ELIGIBLE PROJECTS

The Bay-Delta Restoration Program: CALFED Water Use Efficiency Grants (Program) will fund feasible **urban** and **agricultural** projects that improve ecosystem health, water supply reliability or water quality of the California Bay-Delta through water use efficiency and conservation.

Grants or agreements for improvement projects to conserve irrigation water will not be provided unless the eligible applicant agrees not (1) to use any associated water savings to increase the total irrigated acreage of the eligible applicant; or (2) to otherwise increase the consumptive use of water in the operation of the eligible applicant.

Priority will be given to projects that can be completed within 24 months.

I.B.2. TYPES OF PROJECTS

Proposals may include any type of implementation, demonstration, or pilot water use efficiency or conservation projects that have benefits to the California Bay-Delta. Projects that only consist of research or feasibility studies, planning or education will not be funded.

Examples of previously funded projects and a successful project application can be found at www.usbr.gov/mp/watershare/about.html.

I.C. PROGRAM AUTHORITY

This program is administered in accordance with the authority of Reclamation Act of 1902 (32 Stat. 388), as amended and supplemented; P.L. 97-293 Section 210, P.L. 102-575, Section 3405 (e), P. L. 111-11 and P. L. 108-361 Section 103.

SECTION II -- AWARD INFORMATION

II.A. TOTAL PROJECT FUNDING

The President's Fiscal Year (FY) 2012 budget request included \$5 million for Bay Delta Restoration Water Use Efficiency (BDRWUE) Programs. BDRWUE Programs include the CALFED Water Use Efficiency (CALFED WUE) Grants and the Agricultural Water Conservation and Efficiency Grants. A portion of this request is intended for the CALFED WUE Grants, which are the subject of this FOA. The amount of funding available to fund projects through this FOA, will be determined once Congress approves final FY 2012 appropriations and funding priorities are determined.

II.B. PROJECT FUNDING LIMITATIONS

To facilitate the broad and effective use of limited Federal funds, Reclamation's share of any one proposed financial assistance agreement shall not exceed 50% of the total project costs, and shall not exceed \$1,000,000.

Reclamation will release two FOAs for BDRWUE Grants in FY 2012. Multiple applications from one entity for different projects may be submitted for consideration under this FOA. In addition, applicants may apply for funding of projects eligible under the other BDRWUE FOA. **However, no more than \$1,000,000 in FY 2012 BDRWUE Grant funding will be awarded to any one entity.**

II.C. RECLAMATION RESPONSIBILITIES

If substantial involvement between Reclamation and the Recipient is anticipated during the performance of this project, the anticipated instrument will be a cooperative agreement. In support of this agreement, Reclamation will provide the following:

Reclamation shall collaborate and participate with the Recipient in the management of the project and closely oversee the Recipient's activities to ensure that the program objectives are being achieved. This oversight shall include review, input, and approval at key interim stages of the project as identified in the Recipient's proposal.

If substantial involvement is not anticipated on the part of Reclamation, the financial assistance instrument will be a grant.

Reclamation retains the right to make awards using either grant or cooperative agreement instruments.

The proposal must demonstrate public benefit for financial assistance agreements.

II.D. AWARD DATE

It is anticipated that potential award recipients will be contacted on or before July 1, 2012. Assistance agreements will only be considered for applicants that successfully pass all pre-award reviews and clearances. An anticipated project start date will be on or before October 1, 2012.

SECTION III – ELIGIBILITY INFORMATION

III.A. ELIGIBLE APPLICANTS

Eligible applicants include any State, Indian tribe, irrigation or water district or other organization with water or power delivery authority. Agencies that wish to collaborate on a project may elect to use a contractor-subcontractor relationship. Contracts will be executed with one eligible applicant only. The application must indicate who will sign the contract and the nature of the agreement between the other participants. The applicant must have a defined relationship to the California-Bay Delta.

Urban water districts seeking funding must have an updated water management plan as required by California law. All water districts, including agricultural water districts that are not required by Reclamation or California to have a water management plan, will be evaluated in part on whether they (and co- or sub-applicants) maintain current water management plans and updates with Reclamation, California Department of Water Resources, California Urban Water Conservation Council or Agricultural Water Management Council, as appropriate. See Evaluation Criteria, Section V.A.

Eligible applicants must submit separate applications for distinct projects. For example, an eligible applicant may apply for a rebate project and a water measurement project separately, as long as neither project is dependent on the other for completion. Each individual application must meet all criteria specified within this announcement and will be evaluated on its own merit.

III.B. COST SHARE GUIDELINES

Cost sharing may be made through any combination of cash or in-kind contributions from the applicant or third party partners; however, all cost share contributions must meet the criteria established in the OMB administrative and cost principles circulars applicable to the applicant. **Cost share contributions MUST be secured at the time of application submittal and included as letters of commitment (See Section IV.K.1.8.B Funding Plan).**

In-kind contributions constitute the value of non-cash contributions that benefit a Federally-assisted project. These contributions may be in the form of real property, equipment, supplies and other expendable property, and the value of goods and services directly benefiting and specifically identifiable to the project or program. **The cost or value of in-kind contributions that have been or will be relied on to satisfy a cost sharing or matching requirement for another Federal financial assistance agreement, a Federal procurement contract, or any other award of Federal funds, may not be relied on to satisfy the cost share requirement.**

At a minimum, applicants must cost share 50% of the total project costs. **For FY 2012, if the applicant has already committed to accomplish the project as part of another agreement, then the project will not be eligible for funding under this FOA.**

III.C. LENGTH OF PROJECT

Priority will be given to projects that can be completed within 24 months from the project start date, anticipating that the project start date will be prior to but no later than, October 1, 2012. However, Reclamation will consider longer projects if it can be demonstrated that there will be measurable accomplishments each year.

III.D. OTHER REQUIREMENTS

III.D.1. EXECUTIVE SUMMARY, TECHNICAL AND BUDGET PROPOSALS

The applicant must submit technical and budget proposals in accordance with the requirements stated in Section IV of this document.

III.D.2. FUNDING PLAN

The applicant's proposal shall include a funding plan that describes how the non-Reclamation share of the costs will be obtained. If funding will be provided by other than the applicant, the names of these additional sources must be provided. For FY 2012, if the applicant has already committed to accomplish the project as part of another agreement, then the project will not be eligible for funding under this FOA. See Section IV.E for information on submission of the Funding Plan.

III.D.3. PERFORMANCE MEASURES AND PROJECT MONITORING

Reclamation is required to report on potential water management benefits resulting from its financial assistance. Each application should identify as many benefits as possible. (See Section IV.C.2.6.5 and 2.6.6).

For the FY 2012 FOA, Reclamation is **requiring** applicants to quantify actual project benefits (also known as a "performance measure"), i.e. water saved, or better managed. Applicants are required to identify a performance measure for their project and explain how the measure will be applied and monitored. If an applicant receives an award, the financial assistance agreement will include a provision describing the performance measure and monitoring for the project, which is mutually agreeable to the recipient and Reclamation. Visit www.usbr.gov/mp/watershare/grants/index.html to view a complete document on suggested performance measures and monitoring.

III.D.4. OTHER REGULATIONS

Applicants shall adhere to Federal, California, and local laws, regulations, and codes, as applicable, and shall obtain all required approvals and permits. Applicants shall also coordinate and obtain approvals from site owners and operators. See Section IV.C.2.6.7 for additional information regarding environmental and regulatory compliance.

SECTION IV – APPLICATION AND PROPOSAL SUBMISSION INFORMATION

IV.A. ADDRESS TO REQUEST APPLICATION PACKAGE

This document contains all information, forms, and electronic addresses to obtain required forms or information required for the submission of a proposal.

If you are unable to access this information electronically and need assistance, please contact the following by:

Robert Lowry
Grants Management Specialist
E-mail: rlowry@usbr.gov

IV.B. INSTRUCTIONS FOR SUBMISSION OF PROJECT PROPOSAL

Each applicant shall submit a proposal in accordance with the instructions contained in this section. Each proposal shall consist of the following elements: **(1) Executive Summary; (2) Technical Proposal; (3) Project Benefits Worksheet; (4) Funding Plan; (5) Budget Worksheet; and (6) Budget Information and Supporting Documentation.** Detailed instructions for each of these elements are set forth immediately below. The format for the complete proposal is included in Section IV.K of this document.

Applications must be submitted as a complete package. Materials arriving separately will not be included in the application package for consideration and will result in the application being rejected or not funded. **Mailing materials, package, or packing envelopes of the proposal must reference the FOA number R12AF20002. This requirement will include overnight mail labels. FAX copies and electronic mail of proposal documents will not be accepted. Electronic filings of applications are acceptable via grants.gov. If submitting your application in this format, please allow at least two (2) working days for processing.**

Do not include a cover letter or company literature/brochure with your proposal. All pertinent information must be included in your Executive Summary, Technical Proposal, Project Benefit and Cost Summary Worksheet, Funding Plan, Budget Tables, and Budget Proposals in accordance with the formats below.

Applicants shall submit an **original and disk** of all proposal documents.

IV.C. PROPOSAL FORMAT AND CONTENT

IV.C.1 Proposal Format and Length

Proposals shall be limited to **twenty (20)** 8-1/2 inch X 11 inch pages, excluding any forms required in these instructions, **single-spaced**. The font used shall be at least 12 points in size and shall be easily readable. Proposals will be prescreened for compliance to the 20-page limit. The cover sheet (Standard Form 424), Assurances (Standard Form 424B or D, as applicable), Budget (Standard Form 424A or C), required budget tables, blank pages, title pages, maps, blueprints, Appendix, and table of content pages, will not be counted in the 20-page limit. All pages shall be consecutively numbered, including pages with tables and exhibits. See the Proposal Format in Section IV.K of this document.

IV.C.2. Proposal Content

IV.C.2.1. Cover Page – The cover page shall consist of a completed SF 424 - Application for Federal Assistance. This form must be signed by a person legally authorized to commit your organization to

performance of the project. **Inclusion of a properly signed SF 424 in your proposal is a mandatory requirement. Failure to adhere to this requirement will result in the elimination of your proposal from further consideration.** This form is available at www.usbr.gov/mp/watershare/ or may be downloaded from the Funding Opportunity in Grants.gov under Full Announcement.

IV.C.2.2. Assurances – Include with your proposal a completed and signed SF 424B – Assurances – Non-Construction Programs or an SF 424D – Assurances – Construction Programs. This form must be signed by a person legally authorized to commit your organization to performance of the project. **Inclusion of a properly signed SF 424B or SF 424D in your proposal is a mandatory requirement. Failure to adhere to this requirement will result in the elimination of your proposal from further consideration.** These forms are available at www.usbr.gov/mp/watershare/ or may be downloaded from the Funding Opportunity in Grants.gov under Full Announcement.

IV.C.2.3. Title Page – Provide a brief, informative, and descriptive title for the proposed work that indicates the nature of the project. Include the name and address of the applicant, and the name and address, email address, telephone and facsimile numbers of the project manager.

IV.C.2.4. Table of Contents – List all major sections of the proposal in the Table of Contents.

IV.C.2.5. Executive Summary

The content of the executive summary is described below. See Section IV.K.1.5 of this document.

IV.C.2.5.1. General Project Information – Include the project name, applicants name and address, contact information and a summary of funding request. A one-paragraph project overview shall be included in this section. In addition, this section shall address the project's contribution to ***Bay-Delta Restoration Fund*** goals and summarize reports or studies that have been done to determine the project's feasibility

IV.C.2.6. Technical Proposal

The content of the technical proposal is described below. See Section IV.K.1.6 of this document.

IV.C.2.6.1. Background Data – Include location (state, county, and direction from nearest town) and other appropriate information, including the applicant's average annual water supply (in acre feet), major crops, total acres served, miles of canals, miles of laterals, existing irrigation improvements (type, miles, acres), canal and lateral seepage losses and on-farm efficiency. Describe the applicant's relationship to the California-Bay Delta and quantify the average amount of the applicant's water supply received from the Delta over the last five years. Describe any other relevant information.

IV.C.2.6.2. Consistency with California or Local Water Plan – Applicants are required to ensure that the proposed project is consistent with any existing local (i.e. county, municipal or regional) water plan. Projects will be evaluated in part on whether applicants (and co- or sub-applicants) maintain current water management plans and updates with Reclamation, California Department of Water Resources, California Urban Water Conservation Council or Agricultural Water Management Council, as appropriate. See Evaluation Criteria, Section V.A. **Urban Only:** Applicants must have an updated water management plan as required by California law.

IV.C.2.6.3. Project Description – Describe in detail the work to be carried out. Break the proposed work, including reporting, into major tasks. Discuss the approach to accomplish the proposed work by task. This discussion shall be in sufficient detail to permit a comprehensive evaluation of each task and the proposal. An estimated schedule demonstrating the stages and duration of the construction of the project shall be included covering all tasks. Engineering plans, designs and analyses should be included, if available. These plans should be in the Appendix of the proposal.

IV.C.2.6.4. Demonstrated Results - Describe water use efficiency or conservation measures to be taken pursuant to the proposed action and explain in detail how the efficiency or conservation measures will benefit the California-Bay Delta, addressing direct, indirect or other benefits. Include quantified yearly benefits and the expected life of the project. If applicable, the applicant should describe how the proposal will improve its operational efficiency. Include engineering plans and/or designs that demonstrate how the proposal would improve operational efficiency or achieve water savings.

The proposal must address the fate of the project's resulted saved water. For example, if the project reduces river diversions, the description must indicate if the water will remain in the river, be transferred, or be diverted at another point.

When economic values cannot be assigned to expected project benefits, expected project benefits should be quantified in physical terms. One needs to consider California Bay-Delta Benefits versus local benefits. For example, estimates of increases in stream flow volume due to the project at a time of year when those flows would be important to fish habitat enhancement should be provided. Any expected project accomplishments that cannot be assigned a numerical value, either in dollars or in specific physical quantities, should be described as completely as possible.

Provide a description of how proposed benefits will help achieve specific Bay-Delta Restoration Fund objectives for ecosystem restoration, water supply reliability, and water quality that apply to the project area. For more information, please go to the CALFED Agricultural Water Use Efficiency website at www.calwater.ca.gov/content/Documents/library/WUE/qo_detail.pdf.

Additional benefits may accrue to the intended project beneficiaries, including purchasers of marketed supplies developed by the project, or they may also accrue to third parties, including direct and indirect environmental benefits. This can include an evaluation of economic justification beyond that directly associated with the parties participating in the proposed project, either as the project builder or as a purchaser of any developed supply.

Report any expected project accomplishments that would accrue to parties not directly participating in the proposed project as beneficiaries but which may be affected by hydrologic changes related to project implementation (e.g., stream flow, water quality) anywhere in the system.

Explain through a narrative description, and quantify whenever possible, how the proposed project will result in other project benefits.

IV.C.2.6.5. Performance Measures and Project Monitoring -Include a Performance Assessment Plan and a list of project-specific performance measures that will be used to assess project success in the relation to the goals and objectives. If the project goal is to achieve Targeted Benefits, describe what portion of the Targeted Benefits will be achieved by the project. For area specific Targeted Benefits, visit <http://www.agwatercouncil.org/Targeted-Benefits/Targeted-Benefits/menu-id-45.html>. Describe the monitoring and assessment procedures that will be used to measure performance and document water savings, other benefits, to mark progress, and to determine the success of the project to achieve its goals. Include information about how the data and other information will be handled, stored, and made accessible. Provide a list of expected products/outcomes such as reports and other documentation, presentations, advances in technology, and information transfers via workshops, seminars, education programs, etc. Visit <http://www.usbr.gov/mp/watershare/grants/index.html>, for suggested performance measures techniques.

IV.C.2.6.6. Need for Project and Community Involvement - Include an explanation of the need for the project. "Need" means the urgency of need for the project, and the negative consequences if not implemented. Need is determined by the general condition of the water system, current and future water supply and demand, dependency on the water supply, water quality conditions, availability of substitute supplies, and any negative impacts of current surface water or groundwater management.

Provide a description of the expected impacts within the agency's service area if the proposed project is not constructed. Potential impacts could include employment, business and industry, emergency

supplies, water quality, agency loss or gain of revenue, public safety, and the environment.

Prior to submitting an application, applicants are encouraged to coordinate with local governments and other local entities such as community based organizations and watershed groups. Applications shall describe a plan for public outreach to the groups or individuals that may be affected by the project. Identify which local groups or other interested organizations are aware of the project and their level of support. Identify any potential third party impacts. Estimate the number of people or organizations that are expected to receive training, employment, or other social or economic benefits from the project.

Include in the description how other local agencies, whose jurisdiction or water service area is adjacent to the project location, may be involved in the project.

Describe any opposition to the proposed project. Identify any parties in opposition and briefly discuss the situation.

IV.C.2.6.7. Environmental and Regulatory Compliance – All awarded agreements will require compliance with all applicable California, Federal, and local environmental, cultural, and paleontological resource protection laws and regulations. These may include, but are not limited to, the National Environmental Policy Act (NEPA), including the Council on Environmental Quality and Department of the Interior regulations implementing NEPA, the Clean Water Act, the National Historic Preservation Act (NHPA), which requires consultation with the State Historic Preservation Office, the Endangered Species Act (ESA), and could require consultation with potentially affected Tribes.

Reclamation is the lead Federal agency for NEPA compliance. As the lead agency, Reclamation is solely responsible for determining the appropriate level of NEPA compliance, which could be a categorical exclusions checklist, environmental assessment, or environmental impact statement. However, a project sponsor (or their contractor) can provide much of the necessary information and data analyses.

Under no circumstances may a successful applicant begin any ground disturbing activities (including grading, clearing, and other preliminary activities) on a project before environmental compliance is complete. This pertains to all components of the proposed project, including those that are part of the applicant's non-federal cost share. An applicant that proceeds before environmental compliance is complete will forfeit Reclamation funding. Please keep in mind that NEPA compliance may take up to 6 months or more, depending on the project type, location and affected environmental and cultural resources.

In order to allow Reclamation to assess the probable environmental impacts and associated costs for each proposal, all applicants must respond to the following list of questions focusing on the requirements of NEPA, the Endangered Species Act, and the National Historic Preservation Act. Please answer the following questions to the best of your knowledge. If any question is not applicable to your project, please explain why. If you have any questions, please contact your local Reclamation office.

- (1) Will your project impact the surrounding environment (i.e. soil [dust], air, water [quality and quantity], animal habitat, etc.)? If so, please explain the impacts and any steps that could be taken to minimize the impacts.
- (2) Are you aware of any endangered or threatened species in the project area?
- (3) Are there wetlands inside the project boundaries? If so, please estimate how many acres of wetlands there are, and describe any impact your project will have on the wetlands.
- (4) When was your irrigation system constructed?
- (5) If your project will affect individual features of an irrigation system (e.g., headgates, canals or flumes), state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features.
- (6) Are any buildings, structures, or features in your irrigation district listed or eligible for listing on the National Register of Historic Places? Your local Reclamation office can assist you in answering this question.
- (7) Are there any known archeological sites in the proposed project area?

In addition, applicants must obtain all required approvals and permits, and shall coordinate and obtain any approvals required from site owners and operators. Applicants should state in their proposals whether any permits or approvals are required, and explain the applicant's plan for obtaining such permits or approvals.

Environmental and regulatory compliance costs are addressed in Section IV.F.2.7.

IV.D. PROJECT BENEFIT TABLES AND WORKSHEET

Applicants are **required** to complete tables 1 through 5. These tables are available at www.usbr.gov/mp/watershare/ or may be downloaded from the Funding Opportunity in Grants.gov under Full Announcement. **Exclusion of these tables will result in Reclamation rejecting the proposal.**

Table 1: Budget. Enter project costs by year. Complete the shaded cells including the task and subtasks titles.

Table 2: Annual Operations and Maintenance Costs. Complete the shaded cells, including the applicant's annual administration, operations, maintenance and other annual costs.

Table 3: This table automatically totals annual project costs from Table 1 and annual O & M costs from Table 2.

Table 4: Project Annual and Total Local Monetary Benefits. Complete the applicable shaded cells. Applicants need to provide the local monetary benefits of the project, including annual project benefit, the unit of measurement, and the duration of the benefit.

Table 5: Projects Costs, Monetary Benefits, and Cost Effectiveness. This table automatically summarizes information from the previous tables and calculates the cost benefit ratio. It will also determine if the project is locally cost effective or not.

The applicant's proposal shall include a quantifiable estimate of water management benefits for agricultural or urban measures. **This worksheet is intended to be used with data entered in the Budget Tables 1 through 5.** See Project Benefits Worksheet, Section IV.K.1.7. This worksheet can also be found at www.usbr.gov/mp/watershare/.

IV.E. FUNDING PLAN INSTRUCTIONS

The applicant's proposal shall include a funding plan that describes how the non-Reclamation share of the project costs will be obtained. Reclamation will use this information in making a determination of financial capability. See Budget Plan Format, Section IV.K.1.8.

IV.F. BUDGET PROPOSAL AND BUDGET NARRATIVE

IV.F.1. Budget Proposal

General Requirements

Include a project budget that estimates all costs (not just costs to be borne by Reclamation). Include the value of in-kind contributions of goods and services and sources of funds provided to complete the project. The proposal must clearly delineate between Reclamation and applicant contributions. **Exclusion of a Budget Proposal will result in Reclamation rejecting the proposal**

Budget Proposal Format

The project budget shall include detailed information on the categories listed below and must clearly identify all project costs and the funding source(s) (i.e., Reclamation or other funding sources). Unit

costs shall be provided for all budget items including the cost of work to be provided by contractors. Lump sum costs are not acceptable. Additionally, applicants shall include a narrative description of the items included in the project budget. It is strongly advised that applicants use the budget format available for download under this announcement at grants.gov.

IV.F.2. Budget Narrative

The project budget shall clearly identify all project costs by task. Applicants are required to disclose any other sources and amount of funding they are applying for or have received for any portion of this project. **For FY 2012, if the applicant has already committed to accomplish the project as part of another agreement, then the project will not be eligible for funding under this FOA.**

Preaward costs (costs incurred prior to an executed agreement) will not be allowed.

Submission of the following information is mandatory. The budget narrative format is included in Section IV.K.1.10 and includes the following information.

The budget narrative should include the following information.

IV.F.2.1. Salaries and Wages - Indicate program manager and other key personnel by name and title. Other personnel may be indicated by title alone. For all positions, indicate salaries and wages, estimated hours or percent of time, and rate of compensation proposed. All labor estimates, including any proposed subcontractors, shall be allocated to specific tasks. Labor rates and proposed hours shall be displayed for each task.

Clearly identify any proposed salary increases and the effective date.

Generally, salaries of administrative and/or clerical personnel should be included as a portion of your indirect costs. If these salaries can be adequately documented as direct costs, they may be included in this section; however, an explanation should be included in your budget narrative.

Provide supporting documents for labor costs. This documentation can be payroll records, pay stubs or some other means to substantiate the labor rates proposed for salaried and temporary personnel.

IV.F.2.2. Fringe Benefits – Indicate rates/amounts, what costs are included in this category and the basis of the rate computations. Indicate whether these rates are used for proposal purposes only or whether they are fixed or provisional rates for billing purposes.

Provide documentation for the fringe and overhead rates proposed.

IV.F.2.3. Travel – Include purpose of trip, destination, number of personnel traveling, length of stay and all travel costs including airfare (basis for rate used), per diem, lodging, airfare, and miscellaneous travel expenses. For local travel, include mileage and rate of compensation. i.e \$0.50 per mile

IV.F.2.4. Equipment – Itemize costs of all equipment having a value of over \$500 and include information as to the need for this equipment. Also specify whether rental or purchase.

Provide supporting documentation for the rates utilized for the equipment. These rates should be ownership developed rates. If these rates are not available then the recipient should use Corp of Engineer recommended rates. If rental, what were these costs based on?

IV.F.2.5. Supplies – Itemize supplies by major category, quantity, and purpose, such as whether the items are needed for office use, research, or construction.

Provide supporting documentation for the costs associated with supplies and materials. How were these costs determined fair and reasonable?

IV.F.2.6. Contractual/Construction – Identify all work that will be accomplished by subrecipients, consultants, or contractors, including a detailed budget estimate of time, rates, supplies, and materials that will be required for the task. If a subrecipient, consultant, or contractor is proposed and approved at time of award, no other approvals will be required. Any changes or additions will require a request for approval.

Provide documentation supporting rationale for the budgeted costs for contractual. How were these costs determined? i.e. labor rate and position title; type of equipment – lease or rental rate, etc.; what type of supplies; indirect cost rate with copy of negotiated agreement; etc.

IV.F.2.7 Environmental and Regulatory Compliance Costs –

Reference cost incurred by Reclamation or the applicant in complying with environmental regulations applicable to this Program, which include NEPA, ESA, NHPA and the Clean Water Act, and other regulations depending on the project, including costs associated with any required permits or approvals.

The amount of the line item should be based on the actual expected environmental compliance costs for the project. However, the minimum amount budgeted for environmental compliance should be equal to at least 1-2 percent of the total project costs. If the amount budgeted is less than 1-2 percent of the total project costs, you must include a compelling explanation of why less than 1-2 percent was budgeted.

How environmental compliance activities will be performed (e.g., by Reclamation, the applicant, or a consultant) and how the environmental compliance funds will be spent, will be determined pursuant to subsequent agreement between Reclamation and the applicant. If any portion of the funds budgeted for environmental compliance is not required for compliance activities, such funds may be reallocated to the project if appropriate.

IV.F.2.8. Other – Any other expenses, such as those for reporting, not included in the above categories shall be listed in this category, along with a description of the item and what it will be used for.

No profit or fee will be allowed.

Note: Contingency costs are unallowable unless it can be demonstrated that these costs will be incurred. It cannot just be costs that they might incur.

Per applicable regulations, contingencies are expressly unallowable except under certain conditions.

2 CFR 230(A-122), 2 CFR 225(A-87) and 2 CFR 220 (A-21) Cost Principles for Nonprofit Organizations all read as follows:
Contingency provisions. Contributions to a *contingency reserve* or any similar provision made for events the occurrence of which cannot be foretold with certainty as to time, intensity, or with an assurance of their happening, are *unallowable*.

IV.F.2.9. Indirect Cost – Show the proposed rate, cost base, and proposed amount for allowable indirect costs based on the applicable OMB circular cost principles for the recipient's organization.

It is not acceptable to simply incorporate indirect rates within other direct cost line items.

If the recipient has separate rates for recovery of labor overhead and general and administrative costs, each rate shall be shown. The applicant should propose rates for evaluation purposes which will be used as fixed or ceiling rates in any resulting award.

Provide a copy of federally-approved Indirect Cost Rate Agreement. If you do not have a Federally-approved Indirect Cost Rate Agreement or if unapproved rates are used, explain why, and include the computational basis for the indirect expense pool and corresponding allocation base for each rate.

Information on “Preparing and Submitting Indirect Cost Proposals” is available from the Department of the Interior, National Business Center, Indirect Cost Section, at <http://www.nbc.gov/acquisition/ics/icsprep.html>

IV.G. BUDGET FORM – In addition to the above-described budget information and worksheets, the applicant must complete SF 424A, Budget Information – Nonconstruction Programs, or an SF 424C, Budget Information, Construction Programs. These forms are available at www.usbr.gov/mp/watershare or may be downloaded from the Funding Opportunity in Grants.gov under Full Announcement.

IV.H. DATE FOR RECEIPT OF PROPOSALS

Proposals will be accepted until 3:00 p.m., Pacific Standard Time, on March 14, 2012. Proposals received after this date and time will not be considered for award.

IV.I. PROPOSAL DELIVERY INSTRUCTIONS

Proposals shall be submitted in hard copy or through www.grants.gov (**electronic filings of applications are acceptable via grants.gov. If submitting your application in this format, please allow at least two (2) working days for processing**) only and addressed as follows (**electronic mail or facsimile transmissions of proposals will NOT be accepted**):

Mailing Address:

Bureau of Reclamation,
Mid-Pacific Region
Attn: Robert S. Lowry MP-3820
2800 Cottage Way, Room E-1815
Sacramento, CA 95825-1898

IV.J. PROPOSAL SUBMISSION CHECKLIST

A Proposal Submission Checklist has been included on page iii of this FOA. The Checklist contains a summary of the information you are **required** to submit with your application.

IV.K. FORMATS

This section of this document contains the formats for your Proposal, Project Benefit and Cost Summary Worksheet, Budget Worksheets, and Budget Narrative.

IV.K.1 Proposal Format

This section contains the forms and formats for your proposal that will meet the proposal submission requirements stated in this Request for Funding Opportunity.

- IV.K.1.1. Cover Page -- SF-424 Application for Financial Assistance form
- IV.K.1.2. SF-424B, Assurances – Non-construction Programs, or SF-424D, Assurances – Construction Programs form
- IV.K.1.3. Title Page
- IV.K.1.4. Table of Contents
- IV.K.1.5. Executive Summary
- IV.K.1.6. Technical Proposal
- IV.K.1.7. Project Benefits Worksheet
- IV.K.1.8. Funding Plan
- IV.K.1.9. Project Benefit Tables
- IV.K.1.10. Budget Proposal and Budget Narrative with Supporting Documentation
- IV.K.1.11. **Budget** Form – SF-424A, Budget Information – Nonconstruction Programs, or SF-424C, Budget Information - Construction Programs

COVER PAGE (See Section IV.C.2.1)

IV.K.1.1

Include an SF 424A, Non-construction Programs, or SF 424C, Construction Programs form. Form is available at www.usbr.gov/mp/watershare/ or may be downloaded from the Funding Opportunity in Grants.gov under Full Announcement.

ASSURANCES FORM (See Section IV.C.2.2)

IV.K.1.2

Include an SF 424B, Assurances - Nonconstruction Programs, or SF 424D, Assurances – Construction Programs form. Forms are available at www.usbr.gov/mp/watershare/ or may be downloaded from the Funding Opportunity in Grants.gov under Full Announcement.

IV.K.1.3

TITLE PAGE (See Section IV.C.2.3)

BAY-DELTA RESTORATION PROGRAM: WATER USE EFFICIENCY GRANTS

PROJECT NAME

PROJECT LOCATION

Applicant Name

Applicant Address

Date

IV.K.1.4

TABLE OF CONTENTS (See Section IV.C.2.4)

TABLE OF CONTENTS

Cover Page

Assurances Form

Title Page

Table of Contents

Executive Summary

Technical Proposal

Project Benefit Worksheet

Funding Plan

Budget Worksheet

Budget Narrative and Supporting Documentation

Budget Form

IV.K.1.5

Part I -- EXECUTIVE SUMMARY (See Section IV.C.2.5)																					
A. General Project Information																					
A.1	Date: Applicant Name: City, County, State:																				
A.2	Project Name:																				
A.3	<p>2012 Funding Request Summary <i>[Use * to denote an in-kind contribution]</i> For FY 2012, if the applicant has already committed to accomplish the project as part of another agreement, then the project will not be eligible for funding under this FOA.</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">FUNDING SOURCE</th> <th style="padding: 5px;">FUNDING AMOUNT</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Non-Federal Entities:</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Non-Federal Subtotal:</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Reclamation Funding:</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">(not to exceed \$1,000,000)</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">TOTAL PROJECT FUNDING:</td> <td style="padding: 5px;"></td> </tr> </tbody> </table>	FUNDING SOURCE	FUNDING AMOUNT	Non-Federal Entities:										Non-Federal Subtotal:		Reclamation Funding:		(not to exceed \$1,000,000)		TOTAL PROJECT FUNDING:	
FUNDING SOURCE	FUNDING AMOUNT																				
Non-Federal Entities:																					
Non-Federal Subtotal:																					
Reclamation Funding:																					
(not to exceed \$1,000,000)																					
TOTAL PROJECT FUNDING:																					
A.4	One paragraph project summary.																				
A.5	This project is consistent with Bay-Delta Restoration Fund Program Goal # _____. Identify how this project contributes to accomplishment of this goal. (See Section I.A.2, page 5)																				
A.6	Summarize reports and studies prepared for the proposed water use efficiency project or explain what has been done to determine the project's feasibility.																				
A.7	Contact for Further Information: Name: Title: Telephone: E-mail:																				

IV.K.1.6

Part II -- TECHNICAL PROPOSAL (See Section IV.C.2.6)	
A	Background Data Include the following information about the applicant. (See Section IV.C.2.6.1)
A.1	Location (state, county, and direction from nearest town). Please provide a map detailing project location.
A.2	Applicant's 5-year average annual water supply (in acre feet) by supplier. What portion of each supply is obtained from the California Bay-Delta?
A.3	Describe water use (i.e. municipal, irrigation, etc.).
A.4	If water is primarily used for irrigation, describe major crops, total acres served, major irrigation methods.
A.5	Describe the applicant's water supply facilities, including miles of canals, miles of laterals, existing irrigation improvements (type, miles, acres), canal and lateral seepage losses and on-farm efficiency, etc.
A.6	Describe the applicant's relationship to the California-Bay Delta. Discuss the applicant's ability to manage or influence the District's runoff to the Bay-Delta, or diversions or exports from the Bay-Delta. Discuss how benefits from this project will directly enhance the Bay-Delta, ex. if conserved water results in a decrease in delta diversions.
A.7	Describe any other relevant background information.
B	Consistency with State or Local Water Plan (See Section IV.C.2.6.2)
B.1	State whether the proposed project is consistent with the state or local water plan. Yes ___ No ___ If yes, identify the applicable plan. If no, state why the project should be considered.
B.2	Agricultural districts: Does applicant have a water management plan endorsed by AWMC or approved USBR? Please provide year of last plan and annual update. Urban districts: Does applicant have a water management plan approved by CUWCC or USBR? Please provide year of last plan and annual update.
B.3	Does this project contribute to a best management practice (BMP) identified in your water management plan?
C	Project Description (See Section IV.C.2.6.3)
C.1	Describe in detail the work and approach to be used to carry out the proposed project. This description shall be in sufficient detail to permit a comprehensive evaluation of the proposal.

C.2	Provide an estimated project schedule demonstrating the stages and duration of the proposed work, including major milestones and dates.
C.3	Discuss any deviations from the proposed October 1, 2012, start date and 24-month project duration. Please keep in mind that projects involving ground disturbance for construction will require NEPA compliance that may take up to 6 months, depending on project type, location, and affected environmental and cultural resources.
C.4	Briefly describe any engineering plans, designs and analyses prepared in connection with the proposed work and include it in the Appendix of the proposal.
D	Demonstrated Results (See Section IV.C.2.6.4)
D.1	Explain how this project will benefit the California-Bay Delta and achieve specific Bay-Delta Restoration Fund objectives for ecosystem restoration, water supply reliability, and water quality that apply to the project area.
D.2	<p>Describe the degree to which the proposal increases conservation and/or efficiency overall, and the degree to which it increases conservation or efficiency with regard to any individual facilities (e.g., headgate or canal) improved and the life expectancy of the project. In your response, please include the following information:</p> <p>(a) For proposals that conserve water, the amount of water conserved in acre-feet per year and address the fate of the conserved water (i.e, remain in stream, used for other purposes, etc).</p> <p>(b) For projects involving improvements to individual facilities (e.g., a head gate, canal or ditch), state the average annual water supply that is ran through the effected facility and the estimated water savings or quantities that will be better managed or managed differently, in acre-feet, as a result of facility improvement.</p> <p>(c) For proposals that improve water management through measurement, automation, or irrigation management, etc., state the amount of water expected to be better managed, in acre-feet per year.</p>
D.3	<p>Provide the following information regarding project benefits:</p> <p>(a) Identify all direct project benefits to the California Bay-Delta (i.e, amount of water conserved, water quality, improvement of instream flows, etc); indicate the number of years such benefits will continue (e.g, the life of any physical improvements, and/or the term of any contractual arrangements); and, whether such benefits will occur year-round, or only during certain months of the year (if so, state which months of the year).</p> <p>(b) Identify any indirect benefits such as increased carryover storage, increased irrigation season during drought, improved reliability of water supply. (If the time period that such benefits will continue is different from the time period indicated above in response to (a), please explain).</p> <p>(c) Discuss other benefits from the proposed project which are not included above. Any expected benefits that cannot be quantified should be described in a detailed narrative.</p> <p>(d) Provide documentation and support for how estimates of direct project benefits and any</p>

	indirect project benefits were made (calculations, measurements and references).
E	Performance Measures and Project Monitoring (See Section IV.C.2.6.5)
E.1	Provide a detailed plan on how performance measures and project monitoring will be used to demonstrate, verify and report project performance and results. Post-project data verification needs to be included. Visit http://www.usbr.gov/mp/watershare/grants/PerformanceMeasures%20FINAL%203-2.pdf for suggested performance measures.
F	Need for Project and Community Involvement (See Section IV.C.2.6.6)
F.1	Explain the need for the proposed project. Include: <ul style="list-style-type: none"> (a) The urgency of the project; (b) The negative consequences or potential impacts if not implemented; (c) Other information relevant to the need of the proposed project.
F.2	Describe any public outreach that the District has provided to the groups or individuals that may be affected by the project. Include how other local agencies might be involved in the project, third party impacts and any opposition to the proposed project.
G	Environmental and Regulatory Compliance Please answer the following questions to the best of your knowledge. If any question is not applicable to your project, please explain why. If you have any questions, please contact your local Reclamation office. (See Section IV.C.2.6.7)
G.1	Will the proposed work impact the surrounding environment (i.e. soil (dust), air, water (quality and quantity), animal habitat, etc.)? If so, please explain the impacts and any steps that could be taken to minimize the impacts.
G.2	Are there wetlands in the project area? If so, please estimate how many acres of wetlands there are, and any impact the proposed work will have on the wetlands.
G.3	When was the irrigation water distribution system constructed?
G.4	If the project will affect individual features of the irrigation system (e.g., headgates, canals or flumes), state when those features were constructed and describe any extensive alterations or modifications to those features, including when such alterations or modifications took place. If practicable, please include photographs of the features.
G.5	Are any buildings, structures, or features in your irrigation district listed or eligible for listing on the National Register of Historic Places? Your local Reclamation office can assist you in answering this question or you can find information at www.nps.gov/nr/ .
G.6	Are there any known archeological sites in the proposed project area?
G.7	State whether any permits or approvals are required, and explain the applicant's plan for

	obtaining such permits or approvals.
G.8	State whether a line item for environmental compliance costs has been included in the budget. Yes ___ No ___ If no, please explain why.

Project Benefits Worksheet

Please provide the appropriate water management benefits for agricultural or urban measures that you anticipate addressing in your proposal. Where available, please provide an estimate of the benefit in units (i.e. Acre Feet, \$, %). This form is also available at: <http://www.usbr.gov/mp/watershare/>

Portion of applicant’s water originating from the Bay-Delta watershed:

_____ %

- Reduce Leaks and Seepage _____ Acre Feet/Year
- Reduces System Spills _____ Acre Feet/Year
- Makes More Water Available for Crop Use _____ Acre Feet/Year
- Reduces Diversions _____ Acre Feet/Year
- Reduces Operation Costs _____ \$/Year
- Reduces Energy Cost _____ \$/Year
- Reduces Waste Treatment Cost _____ \$/Year
- Improves Crop Yield _____ Percent/Year
- Reduces On-Farm Costs _____ \$/Year
- Reduces Per Capita Use _____ Gals/Capita/Day
- Provides Technical Training _____ # of People
- Provides Water Conservation Education _____ # of People
- Improves Water Supply Reliability _____ Frequency (Yrs)*
- Reduces Drainage Induced Erosion _____ Tons/year
- Improves Water Quality _____ % Reduction of _____
- Enhances Aquatic/Riparian Habitat _____ Acres
- Endangered Species _____ Yes/No

IV.K.1.8

Part IV -- FUNDING PLAN (See Section IV.E)	
A	Describe how the Applicant will make its contribution to the cost share requirement, including a description of monetary and in-kind contributions, and identification of the source funds contributed by the applicant (e.g., reserve account, tax revenue and/or assessments).
B	<p>If project funding is being provided by funding partners, not including the applicant or Reclamation, please provide the following information:</p> <p>(a) Identify the funding partners and state the amount of funding to be provided by each.</p> <p>(b) Provide letters of commitment from all cost-sharing partners included with the proposal? Yes ___ No ___.</p>
C	Describe any other Federal funding requested or received for the proposed work. Note: Federal funding will not be counted towards the applicant's 50% cost share requirement. For FY 2012, if the applicant has already committed to accomplish the project as part of another agreement, then the project will not be eligible for funding under this FOA.
D	Discuss what lesser amount would be acceptable if Reclamation is unable to provide your total funding request. Discuss any decrease in project size or other problems due to decreased Federal funding.
E	<p>Does the budget identify direct, indirect, and contingency costs? Yes ___ No ___. If not, explain why.</p>

PROJECT BENEFITS TABLES (See Section IV.D)

IV.K.1.9

The Project Benefits Tables consists of 4 tables that are downloadable from www.usbr.gov/mp/watershare and at grants.gov under Full Announcement. **Exclusion of these tables will result in Reclamation rejecting the proposal.**

BUDGET PROPOSAL AND NARRATIVE (See Section IV.F)

IV.K.1.10

Applicants shall include a Budget Proposal and Budget Narrative with the application. The Budget Narrative provides a discussion of or explanation for items included in the Budget Proposal. See Section IV.F.2.1-Section IV.F.2.9 to reference the information that needs to be included in the Narrative.

Exclusion of a budget proposal or a budget narrative with supporting documentation will result in Reclamation rejecting the proposal.

BUDGET FORM (See Section IV.G)

-5

IV.K.1.11

Include either SF-424A, Budget Information – Non-construction Programs, or SF-424C, Budget Information - Construction Programs form. Forms are available at www.usbr.gov/mp/watershare/ or www.grants.gov.

SECTION V -- APPLICATION REVIEW INFORMATION

V.A. EVALUATION CRITERIA –

Proposals will be evaluated by a technical panel in accordance with the criteria listed below. The relative importance placed on the evaluation criteria is shown in descending order of category importance. Total points available are 100.

1. **A. Quantitative Conservation Benefits (by category, 10, 15 or 20 points maximum) Points will be awarded based on a calculated lifetime project water savings as related to the percentage of the applicant’s water supply received from the Delta. Benefits will be determined by multiplying the project’s total lifetime conserved water benefit by the percent of Bay-Delta water supply received by the applicant. Using the table below, allocate points up to the category max based on benefit category. For implementation projects that **ONLY** result in water better managed, attribute only 10% of benefits to conservation (i.e., multiply benefit by 0.1 in calculation).**

(Lifetime project water savings)(Percentage of savings attributed to the Bay-Delta) = Max Pts

Total savings of:		
0 – 1,000 lifetime acre-feet	1,001 – 5,000 lifetime acre-feet	5,000 + lifetime acre-feet
0 - 10 points max	0 - 15 points max	0 - 20 points max

1. **B. Quantitative Water Benefits in Relation to Delta Supply (8 points maximum) Using the annual quantity of water conservation benefits, assign points using the table below for percentage of delta water supply that will be conserved by the project. For implementation projects that better manage water, attribute only 10% of benefits to conservation (i.e., multiply benefit by 0.1 in calculation)**

Percent of Average Annual Bay Delta Supply Conserved	Points
Above 30%	8 points
25% up to 30%	7 points
20% up to 25%	6 points
15% up to - 20%	5 points
10% up to 15%	4 points
5% up to 10%	3 points
1% up to 5%	2 points
0.5% up to 1%	1 point
0% up to 0.5%	0 points

C. Qualitative Environmental Benefits (12 points maximum) Qualitative project information for environmental benefits to the Bay-Delta can include the following:

- The proposal contributes toward one or more of the Bay-Delta Restoration Fund objectives: improving flows in the Bay-Delta, reducing irrecoverable water losses, attaining water quality benefits or attaining ecosystem benefits.
- Project describes measurable benefits that are quantified or qualitative targets.
- Proposal identifies the direct benefits of the proposed work, including estimated acre-feet of water conserved or better managed, and any indirect benefits. The proposal provides support for how estimates of the benefits were made (calculations, measurements and references).
- Project identifies the estimated period of time during which direct and indirect benefits will be derived (i.e., life of the project in number of years and whether benefits would occur year-round).
- Project has long-term direct Bay-Delta benefits.
- Project has State-wide (not local) benefits.
- Proposal includes a Projects Benefit Sheet.
- Implementation projects will receive preference over demonstration or pilot projects.

2. Project has Technical/Scientific Merit and Feasibility (15 points maximum):

- This proposal addresses whether the approach is technically sound, if the methods are appropriate for achieving the stated project targets, goals and objectives, and if the anticipated results can be achieved in the time frame specified.

3. Budget and Project Costs (up to 15 points). Areas of consideration should include at least the following:

- Project has a reasonable cost/benefit ratio
- Budget is realistic for the work proposed and is sufficiently outlined.

4. Performance Measures and Project Monitoring (10 points maximum):

- The proposal has reasonable performance measures and project monitoring plan that describe how the actual benefits will be verified and documented once the project is completed.

5. Budget is Non- Locally Cost Effective (10 points maximum)

- Up to 10 points for budget that is NOT locally cost effective. If it is locally cost effective, then only up to 5 points can be given.

6. Applicants, Cooperators and Partners are capable of accomplishing the project (up to 5 points). Areas of consideration may include the following:

- The project is a collaboration among multiple entities.
- The professional and technical qualifications of the applicants are commensurate with the proposed project.
- The applicant has existing or describes how it will develop new partnerships necessary for the project's short and long term success and sustainability.
- The applicant has demonstrated good standing with past project performance.

7. Water Management Plans are current (5 points maximum). Areas of consideration should include the following:

- Applicants (and co- or sub-applicants) maintain current water management plans and updates with Reclamation, California Department of Water Resources, California Urban Water Conservation Council or Agricultural Water Management Council, as appropriate.
- The proposal complies with the BMP's or EWMP's as prescribed by the State and Federal guidelines. BMP's can be found at www.usbr.gov/mp/watershare/ and www.cuwcc.org/mou/exhibit-1-bmp-definitions-schedules-requirements.aspx and EWMP's can be found at www.agwatercouncil.org/images/stories/pdfs/ewmps.pdf.

V.B. REVIEW AND SELECTION PROCESS

The Government reserves the right to reject any and all applications which do not meet the requirements of this FOA or which are outside the scope of CALFED Grants. Awards will be made for projects most advantageous to the Government. Award selection may be made to maintain balance among the program tasks. The evaluation process will be comprised of three steps described in the following subsections.

V.A.1. First-Level Screening

All applications will be screened to ensure that:

- The application meets the requirements of the FOA package, including submission of the budget proposal, budget narrative, budget supporting documentation, project benefit tables, project benefit worksheet, a funding plan, letter(s) of commitment, and related forms.
- The application contains a properly executed SF-424 (A or C) Application for Financial Assistance and a form SF-424B, Assurances- Non-Construction Programs, or SF-424D, Assurances-Construction Programs.
- The application includes an official resolution, adopted by the applicant's board of directors, governing body, or appropriate authorized official.
- At least 50 percent of the cost of the project will be paid for with non-Federal funding. Cost share funding from sources outside the applicant's organization, e.g., loans or state grants, should be secured and available to the applicant prior to award. Reclamation may approve an award prior to an applicant securing non-Federal cost-share funds if Reclamation determines that there is sufficient evidence and likelihood that the non-Federal funds will be available to the applicant by the start of the project.
- The applicant meets the eligibility requirements stated in this document.
- The application meets the description of eligible projects in Section I.B.1., "Eligible Projects" and is within the scope of CALFED Grants.
- The project can be completed by September 30, 2014, or sufficient project description and milestones to justify a longer period of performance.

Reclamation reserves the right to remove an application from funding consideration if it does not pass all First-Level Screening criteria listed above.

**V.A.2. Second-Level Evaluation
(Technical Review)**

Evaluation criteria will comprise 100 points of the total evaluation weight as stated in Section IV.D.4. Applications will be scored against the evaluation criteria by an Application Review Committee (ARC), made up of experts in relevant disciplines selected from across Reclamation. During Second-Level Evaluation, Reclamation may contact applicants to request clarifications to the information provided if necessary.

**V.A.3. Third-Level Evaluation
(Managerial Review)**

Management will prioritize projects to ensure the total amount of all awards does not exceed available funding levels and to ensure that the projects meet the scope and priorities of the CALFED program. Management may also prioritize projects to ensure that multiple Task Areas are represented among the projects selected for funding. Positive or negative past performance by the applicant and any partners in previous working relationships with Reclamation may be considered, including whether the applicant is making significant progress toward the completion of outstanding financial assistance agreements and whether the applicant is in compliance with previously funded projects.

SECTION VI -- AWARD ADMINISTRATION INFORMATION

VI.A. AWARD NOTICES

Successful applicants will receive a notice of award of a Grant or Cooperative Agreement document by mail, signed by a Grants Officer, notifying the applicant of project award and project starting date.

VI.B. AWARD DOCUMENT

If your organization is awarded an agreement as a result of this FOA, the applicable portions of Sections II, III, and VIII of this document will be included in the resulting agreement.

VI.C. REPORTING REQUIREMENTS AND DISTRIBUTION

If your organization is awarded an agreement as a result of this FOA, you will be required to submit the following types of reports during the term of the agreement.

VI.C.1. Financial Reports

- SF-425, Federal Financial Report, (available at <http://www.usbr.gov/mso/aamd/doing-business-financial-assistance.html>)

VI.C.2. Program Performance Reports

- Semi Annual Reports
- Annual Reports
- Final Report
- Project Monitoring/Performance Measures Reports

SECTION VII -- AGENCY CONTACTS

Organizations or individuals interested in submitting proposals in response to this announcement may direct questions to Reclamation in writing. Questions may be submitted to the attention of Robert Lowry, Grant Management Specialist.

By mail:

Bureau of Reclamation
Mid-Pacific Region
Attn: Robert Lowry
Mail Code: MP-3820
2800 Cottage Way, Room E-1815
Sacramento CA 95825-1898

By E-mail: rlowry@usbr.gov

SECTION VIII -- OTHER INFORMATION

VIII.A. STANDARD TERMS & CONDITIONS

- If you are awarded a Grant or Cooperative Agreement as a result of this FOA, General and Special Provisions will be included in the agreement at time of award. The provisions are available within agreement templates at <http://www.usbr.gov/mso/aamd/doing-business-financial-assistance.html>, under Agreement Template – Local, State, and Tribal Governments (RF-120) or [Agreement Template – Nonprofits, Institutions of Higher Education, For-profits \(RF-121\)](#).

-

VIII.B. FREEDOM OF INFORMATION ACT (FOIA)

All applications may be subject to the Freedom of Information Act (FOIA). The FOIA (5 U.S.C.A. §552) generally provides that any person has a right, enforceable in court, to obtain access to federal agency records, except to the extent that such records (or portions of them) are protected from public disclosure by one of nine exemptions or by one of three special law enforcement record exclusions. Proprietary information should be marked “Confidential” to assist in alerting the federal agency to information that may be protected from disclosure.