

PUBLIC WORKSHOP

2014 Water Desalination Final Proposal Solicitation



December 5, 2013—Sacramento
Webinar:

<https://resources.webex.com/resources/j.php?ED=229135797&UID=0&RT=MiM0>



PSP Workshop Agenda

- Welcome and Introductions
- Desalination PSP Overview and Application Requirements
- Review and Selection Criteria
- GRanTS Online Application Submittal Process
- Public Comments and Questions
- Adjourn



Webinar & Call-in Interaction

- Submit questions through the Webinar. They will be addressed during the Q & A
- We will be monitoring the site throughout the presentation



Changes from Draft PSP

- Environmental documentation for feasibility studies are eligible
- Investor-owned utilities may apply
- Application due date has changed
- Funding decrease due to final accounting
- Other changes to attachments



Desalination PSP Overview and Application Requirements



Desalination PSP Overview

1. Introduction
2. PSP Background, Goals, Priorities and Objectives
3. Eligibility and Benefit
4. Funding
5. Project Duration
6. State Laws and Regulatory Compliance



Desal PSP Overview cont.

7. Funded Project Requirements
8. Funding Process
9. Schedule
10. Application Submittal
11. Application Components



PSP Section 1

Introduction



PSP Section 2
PSP Background,
Goals, Priorities and
Objectives



Background

Proposition 50 Chapter 6 a

Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (California Water Code Section 79500 et seq.)

- Total allocated \$50 million for grants
- Fund desalination of sea water
- Fund desalination of brackish water
- 50% local funding match



Goals

Prop 50 Desalination Program Goal

Assist local public agencies with the development of new local potable water supplies through brackish water and seawater desalination.



Priorities

- Produce a municipal drinking water supply through treatment of a saline water
- Improve water supply reliability
- Increase the knowledge base regarding desalination
- Support appropriate planning and construction of this water source alternative
- Conserve energy and help the greenhouse gas (GHG) emission reduction or carbon sequestration goals



Objectives

- Allocate bond funds to local agencies and others to help further desalination in the state.
- Track how the funds are used and the benefits received
- Fund “Ready to Proceed” projects with
 - CEQA
 - Permits
 - Funding Commitments



PSP Section 3

Eligibility and Benefit



Eligibility Requirements

- Must be an eligible applicant
- Must submit an eligible project
- Project must have Benefits
- Minimum 50% local funding match
- Submitted application is public information
- Must comply with applicable laws and regulations



Eligible Applicants

- Cities
- Counties
- Tribes
- Nonprofit organizations
- Universities and colleges
- Public water/irrigation districts
- Joint Powers Authorities
- Investor-owned utilities regulated by CPUC
- State and federal agencies (except construction projects)



Five Eligible Project Categories

- Construction
- Pilot or Demonstration
- Feasibility Studies (brackish groundwater)
- Environmental Documentation
- Research addressing regulatory permitting issues



Construction Projects

- Design and construction of full-scale, permanent facilities and related infrastructure
- Results in operable desalination project
- Design funded only with construction



Pilot or Demonstration

- Refine design criteria
- Support site selection
- Study particular technologies
- Leads to implementation of full-scale permanent facilities
- Prerequisite: feasibility study for full-scale project
- Excludes: full-scale facilities



Feasibility Studies

- Only for inland brackish water desalination
- Determine whether desalination is feasible
- If feasible, incorporate planning sufficient to begin design and implementation steps
- If not feasible, project can be terminated before full completion, with approval from DWR and submittal of documentation
- Excludes: Reconnaissance-level master plans



Environmental Documentation

- Finalizes a completed basic feasibility study (submitted with the application) with environmental documentation necessary for the project
- Funding provided for both inland brackish and sea water desalination projects



Research Projects

- Restricted to developing information to address regulatory permitting issues for desalination identified by SWRCB, CDPH, or other regulatory agencies
- Advance knowledge base of desalination technology, related infrastructure, by-products treatment and disposal
- Excludes: project-specific studies



Project Benefits

A project must have at least one Statewide benefit to be eligible.

Examples:

- Increased water supply
- Increased water supply reliability
- Data acquisition that supports permitting processes
- Renewable energy coupling to power desalination processes



PSP Section 4 Funding

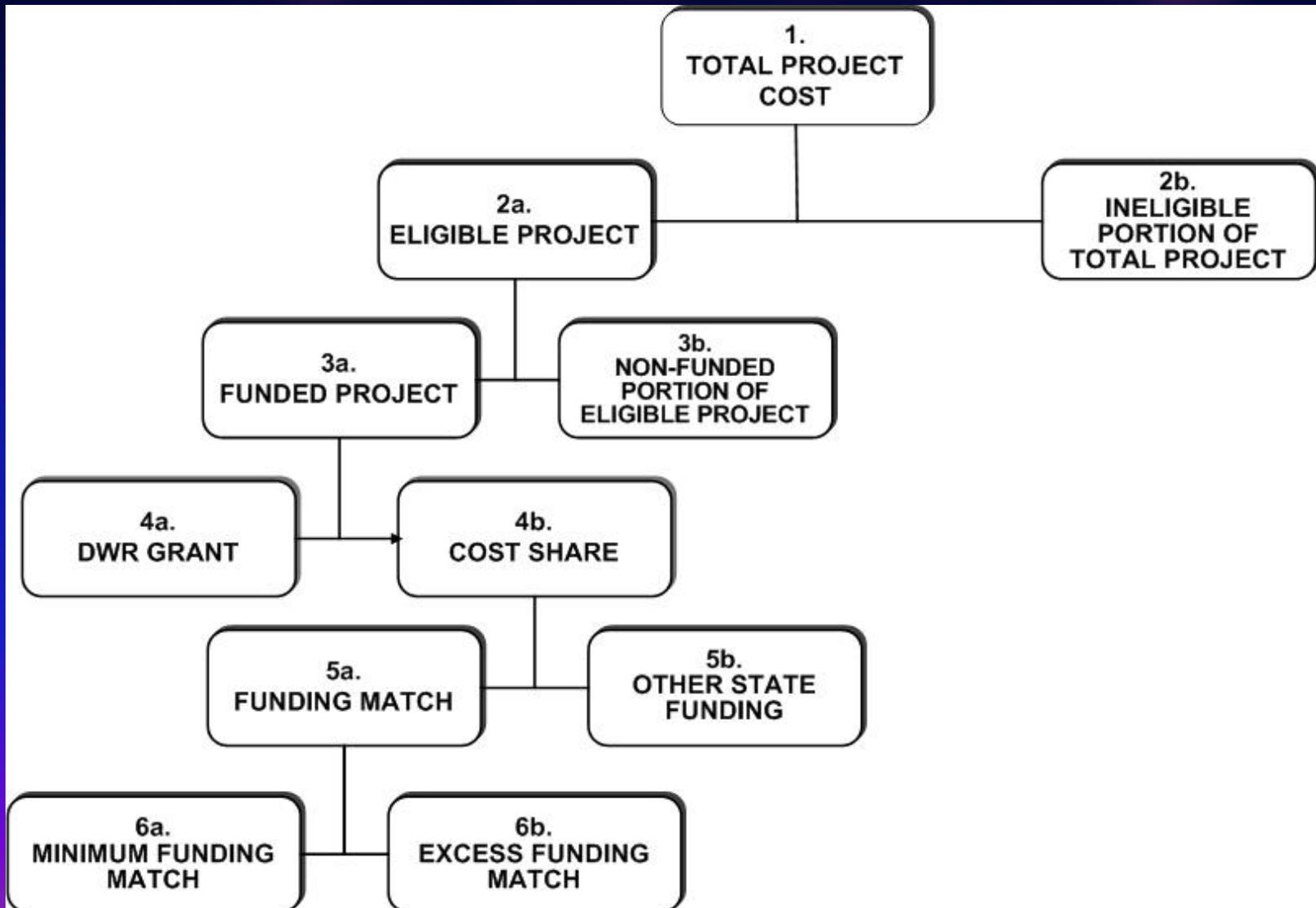


Distribution of Funds

Project Category	Funding Cap per Project	Total Planned Allocation
Construction Projects	Up to \$3,000,000	\$5,600,000
Pilots and Demonstrations	Up to \$1,000,000	\$3,100,000
Feasibility Studies	Up to \$250,000	
Environmental Documents	Up to \$250,000	
Research	Up to \$500,000	

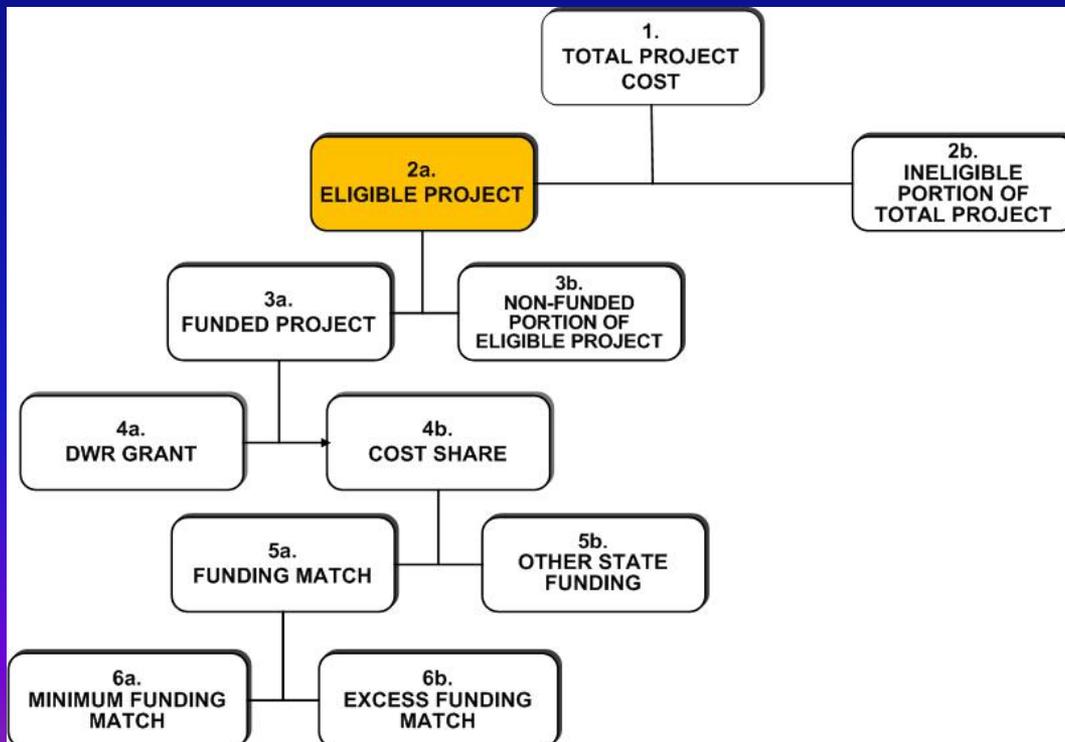


Project Cost Terminology



Eligible Project

Eligible Project - The part of the total project consistent with goals and scope of grant program (Section 3.2 of the PSP) necessary for an operable project.



Costs for Eligible Project may include ineligible costs (Section 4.4 of the PSP).

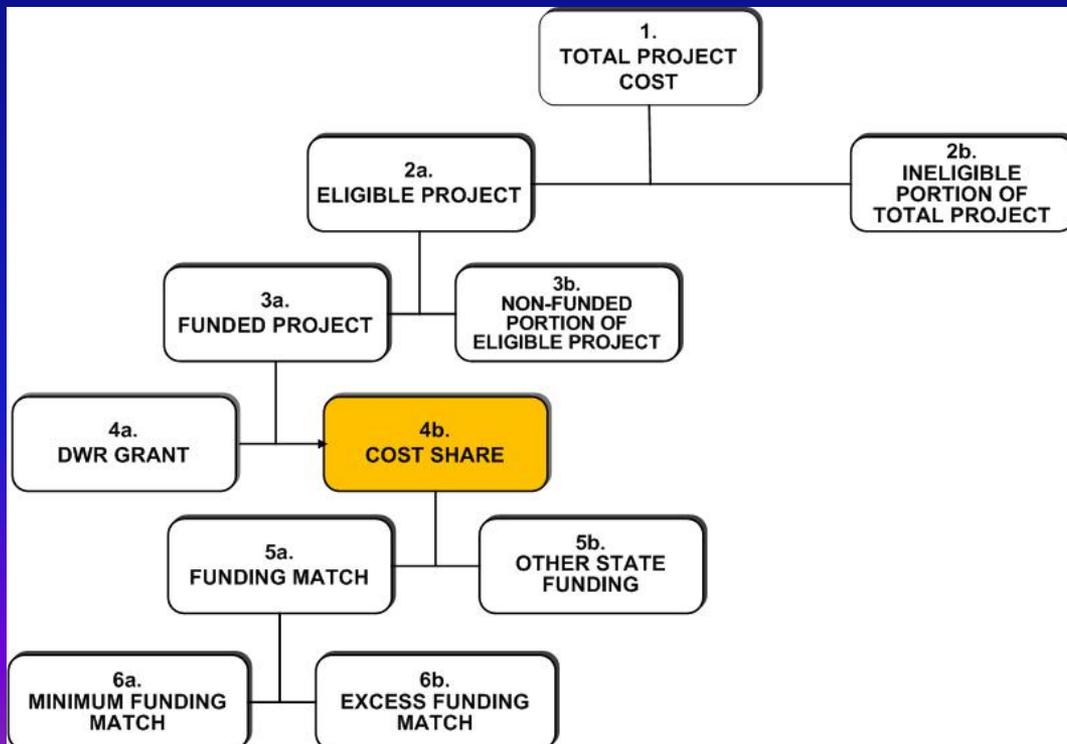


Cost Share

Cost Share - Funds made available by the grant recipient consisting of funds qualifying as a Funding Match and other funds which do not qualify as a Funding Match .

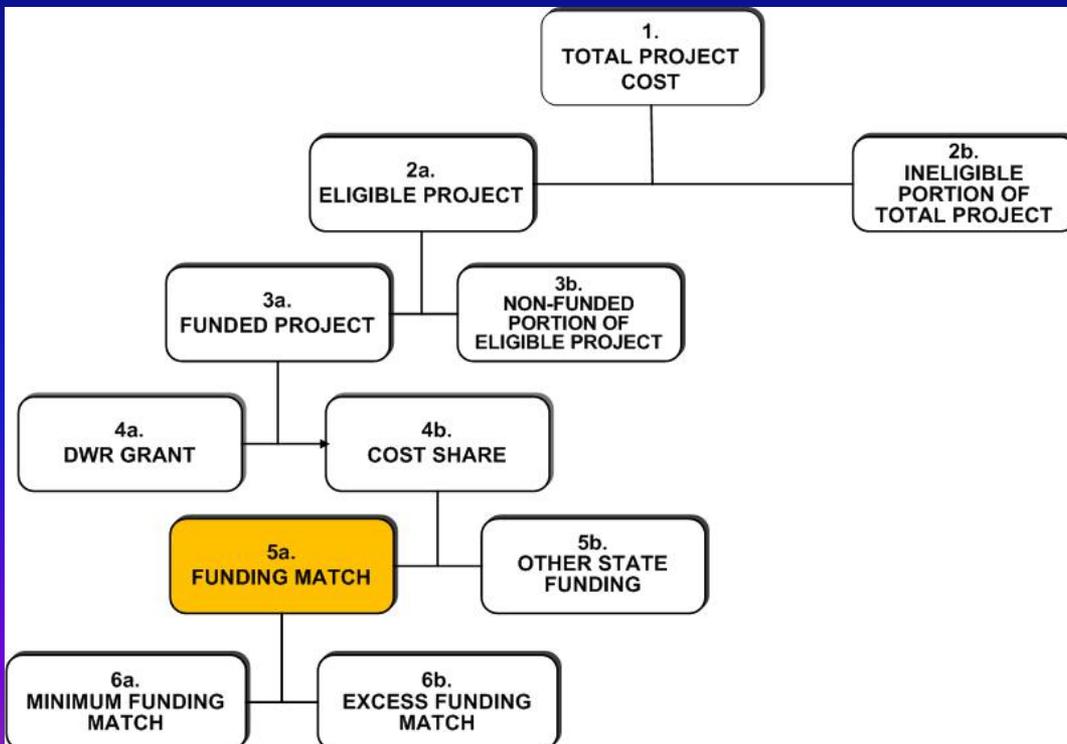
May include, but are not limited to:

- Federal funds
- Local funds
- Donated services from non-State sources
- Other State Funding or Other Contributions (not eligible as a funding match)



Funding Match

Funding Match - Funds made available by the grant recipient to finance the Eligible Project and in compliance with the Funding Match criteria (Section 4.6 of the PSP).



May include, but are not limited to,:

- Federal funds
- Local funds
- Donated services from non-State sources



Eligible Costs

Eligible Costs - Costs related to Scope of work which occur after award date and before termination date.

- *For example:*
 - *Direct admin costs < 10% of grant*
 - *Contingencies allocated in the budget and spent on eligible costs*
 - *Capital outlay tied to achievement of project purposes*
 - *Project specific equipment*
- *Grant and Funding Match must be for Eligible Costs*
- *Only costs that occur after contract execution are eligible for reimbursement*



PSP Section 5

Project Duration



Project Duration

- 2 years from the contract signing date - 2014.
- Project extensions can be requested for unexpected delays.



PSP Section 6
State Laws and
Regulatory Compliance



Compliance with Applicable Laws and Regulations

Grantees are required to:

- Comply with all applicable regulations water conservation and/or water efficiency legislation
- Obtain all necessary permits, licenses, and approvals
- Comply with environmental documentation requirements



PSP Section 7 Funded Project Requirements



Agreement Requirements

- Standard Program Agreement
 - Specified by authorizing legislation and DWR policies and procedures
 - Standard Terms and Conditions
 - Scope of Work provided with the application as Attachment 8 will be the contract scope of work



Funding Caveats

- Work on project prior to final execution of agreement is at Applicant's own risk:
 - Costs incurred after award, but before agreement signing, are eligible only as a Funding Match at DWR's discretion
 - Costs incurred BEFORE award are not eligible as Funding Match



Project Documentation

- Quarterly reports
- Annual reports
- Interim project documents
- Comprehensive final report
- Performance reports (for 5 years after project ends)
- Disbursement requests



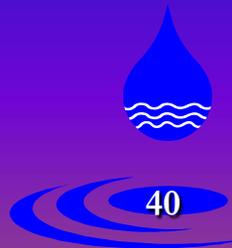
Additional Requirements

- Labor Code Compliance
- State Conflict of Interest Laws – all team members
- Confidentiality – all public information
- Rights in Data – must be waived



Additional Requirements

- Financial Records – maintained for audit
- Investor-Owned Facilities – investors are prohibited from receiving a profit from the use of the grant funds
- Changed Conditions – grantee must inform DWR when conditions change from the application



PSP Section 8 Funding Process



Funding Process

1. Proposals Screened For Eligibility

- Received on time both online and in a hard copy and it is complete
- Eligible Applicant and Eligible Project
- Project has State benefits
- Correct funding category
- Identified Funding Match
- Any other issues or concerns
 - Conflict of interest
 - Objects to the State's rights in data
 - Not able to use the state agreement



Funding Process cont.

2. Proposals reviewed and scored

- Projects must receive at least half of the available points in each scoring criteria

3. DWR Awards Grants

- Prepare draft funding recommendations
- Hold public workshop on draft list
- Finalize and announce final funding decision

4. DWR Executes Agreements

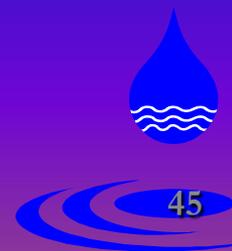


Review & Scoring Criteria

- Exhibit G
- 2 Pass/fail screening criteria
- 11 Scoring criteria
 - 100 points total
 - 5 to 15 points per criterion
- Must receive at least half of points for each criterion
- Standards for assigning points



PSP Section 9 Schedule



Schedule

■ November 27, 2013	Final PSP Release
■ December 5, 2013	Public Workshop for Final PSP Sacramento
■ January 16, 2014	Proposals Due, 5 pm PDT



Schedule

■ April 4, 2014*	Announce Desalination Draft Funding Decision
■ April 15, 2014*	Public Workshop for Draft Funding Awards – Sacramento
■ May 1, 2014*	Announce Desalination Final Funding Decision
■ May 15, 2014*	Agreement Negotiations Begin
■ Spring/Summer 2014	Agreements Executed and Projects Begin
* Dates are approximate.	



PSP Section 10 Application Submittal



Application Submittal

- **When**

5:00 pm on January 16, 2014 PDT

The system will not accept submittals after that time

- **What**

Mail ONE hard copy application to DWR

Online Submittal: GRanTS



Application Submittal cont.

- **How**

Online: : <http://www.water.ca.gov/grants/>

Before 5:00 pm on January 16, 2014 PDT

AND

By mail addressed to:

Department of Water Resources
Water Use and Efficiency Branch

Attn: Richard Mills

901 P Street

P. O. Box 942836

Sacramento, California 94236-0001



PSP Section 11

Application Components



Application Components

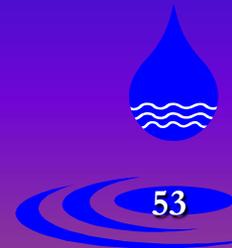
4 Parts

- Applicant Information – General information of project contractual lead
- Projects – Project specific information
- Eligibility Questions – Forms and tables for additional project details, e.g., schedule, budget
- Application Attachments – Files to be uploaded as part of the application process.



Application Components cont.

Part	Description	How Completed
1, 2, 3	Applicant Information Projects Eligibility Questions	GRanTS
4	Application Attachments	Files are completed separately and then uploaded through GRanTS.



Attachments



Attachments

- Separate files submitted electronically through GRanTS, Attachments tab (Part 4)
- Not all Attachments are required for each type of application. Required attachments are:
 - Construction : 1 - 20, excluding 19
 - Pilot/Demonstration: 1 – 14, 16, 18, 20
 - Feasibility Study: 1 – 11, 13, 18, 19
 - Environmental Documentation: 1 – 11, 16, 18
 - Research: 1 – 11, 14, 18



Attachments

- # 1 – Signature Page
- # 2 – Proposal Authorization
- # 3 – Participating Organizations and Water Regulation Compliance
- # 4 – Cost Share Funding Contributions
- # 5 – Funding Match Agreement
- # 6 – Project Background
- # 7 – Technical/Scientific Merit
- # 8 – Scope Of Work
- # 9 – Work Plan
- # 10 – Project Budget



Attachments

11 – Project Schedule

12 – Greenhouse Gas Emission Estimations

13 – Outreach /Community Involvement

14 – Project Benefits

15 – Environmental Documentation

16 – Feasibility Study

17 – Project Plans And Specifications

18 – Project Team Qualifications

19 – Plan Of Study For Feasibility Study

20 – Economic Analysis

21 – Other Information



Attachments

Desalination x
www.water.ca.gov/desalination/2014DesalGrants.cfm

CA.GOV DEPARTMENT OF WATER RESOURCES

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California Cooperative Snow Surveys Water Supply Contracts Water Use Efficiency All Supply/Use Topics...

2013 Desal Grants

[Home](#) -> [Desalination](#)

DESALINATION

- Desalination
- 2014 Grant Funding
- Laws
- Publications

RELATED LINKS

- American Membrane Technology Association
- United States Desalination Coalition
- European Desalination Society
- California Ocean Protection Council
- California Coastal Commission

DWR RELATED LINKS

- CIMIS
- Recycling
- Urban Water Management
- Water Use Efficiency

Division of Statewide Integrated Water Management
Water Use and Efficiency
901 P Street Sacramento, CA 95814-3515
Mailing Address:
P.O. Box 942836
Sacramento, CA 94236

2014 DESALINATION GRANT FUNDING (ROUND 3)

DWR is seeking grant proposals for the 2014 Desalination Grant Funding. This is the third round of Proposition 50 funding to support projects that develop brackish and seawater desalination as a water supply. DWR has prepared a [Proposal Solicitation Package \(PSP\)](#) which describes the grant application process for potential applicants. Proposals are due to DWR by January 16, 2014 and are to be submitted using [GRanTS](#). Up to \$8.7 million in Prop 50 funds will be distributed during this funding round.

Grants will be funded by Proposition 50, the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (California Water Code Section 79500 et seq.). This is the third round of grant funding for desalination projects under Proposition 50. The types of projects to be funded by this third cycle of water desalination grants are the following:

- Construction projects having a completed feasibility study or facility plan, and permitting and design either ready to proceed or already proceeding towards construction of a full-scale desalination treatment or brine disposal facility
- Pilot study or demonstration project with a completed feasibility study or facility plan to assess one or more components of a specific, planned facility
- Feasibility study, including environmental documentation, to assess the viability of implementing a brackish groundwater desalination project in a specific area
- Environmental documentation to supplement a completed feasibility study of an ocean desalination project
- Research project to support permitting agencies in establishing policies and regulatory criteria for water desalination projects and that are not for the purpose of assessing a specific project



Alameda County Water District brackish groundwater desalination facility, funded in the 2005 (first) grant cycle.

Schedule

The schedule for PSP funding process is:

December 26, 2012	PSP posted online
January 24, 2013	Public Workshop for Draft PSP – Inland Empire
January 28, 2013	Public Workshop for Draft PSP – Sacramento
February 8, 2013	Comments on Draft PSP Due
November 27, 2013	Final PSP Released
December 5, 2013	Public Workshop for Final PSP – Sacramento
January 16, 2014	Proposals Due, 5 pm PST
April 4, 2014*	Announce Desalination Draft Funding Awards
April 15, 2014*	Public Workshop for Draft Funding Awards – Sacramento
May 1, 2014*	Announce Desalination Final Award Decision
May 15, 2014*	Desalination Contract Negotiations Begin
Spring/Summer 2014	Desalination Contracts Executed and Projects Begin

*Dates are approximate.

Public Workshop for Funding Applicants

Attachments

Desalination x

www.water.ca.gov/desalination/2014DesalGrants.cfm

To join the teleconference only

1. Provide your phone number when you join the meeting to receive a call back. Alternatively, you can call:
2. Call-in toll-free number (Verizon): 1-877-708-8168 (US)
3. Call-in number (Verizon): 1-203-607-2901 (US)
4. Attendee access code: 628 056 3

Potential applicants will be able to ask questions about the PSP, the application process, and GRanTS. DWR staff will be available to address questions both during and after the workshop. Potential applicants may also e-mail questions to DWR before the workshop. If these questions have broad application, they will be addressed during the workshop.

Proposal Components

The PSP describes the process and components of the application for Prop 50 desalination funds. Proposals are to be submitted using [GRanTS](#). The GRanTS proposal consists of 4 parts, each of which are completed directly through GRanTS, or uses GRanTS to submit the required files or information. The four parts are:

Part	Application Component (Tab)	Description	How Completed
1	Applicant Information	General information for the entity with lead contractual responsibility for the project, and which will be the primary contact with DWR throughout the grant funding contracting and implementation	GRanTS
2	Projects	Project-related information	GRanTS
3	Eligibility Questions	Forms and tables to be completed by the applicant that provide additional project details, such as schedule, budget, and information on other project participants	GRanTS
4	Application Attachments	Separate files to be uploaded as part of the application process. These files include templates or documents the applicant must complete as part of the application. Additional files pertinent to the application, such as environmental documents, may also be uploaded.	Files are completed separately and then uploaded through GRanTS.

Application Attachment Templates and Additional Guidance

The PSP requires up to 20 additional electronic files to be provided to DWR as part of the grant application process. Links to the attachments with templates are provided below. For attachments with a provided template, the template is required to be used. The other attachments require the applicant to provide the requested information in files they create or as existing documents. Guidance is also provided below for Attachment 20, Economic Analysis. Templates and guidance are provided for:

- [Attachment 1](#) – Signature Page
- [Attachment 2](#) – Proposal Authorization
- [Attachment 3](#) – Other Participating Organizations
- [Attachment 4](#) – Funding Contributions
- [Attachment 10](#) – Project Budget
- [Attachment 11](#) – Project Schedule
- [Attachment 12](#) – Greenhouse Gas Estimation (Principle Desalination Component only)
- Attachment 20 – Economic Analysis

Draft PSP Workshop Presentation:

At the Public Workshop for Draft PSP a [PowerPoint presentation](#) was made and can be found [here](#).

The Final PSP Workshop presentation will be posted after December 5, 2013.

Need More Information?

If you need any additional information, or if you have questions about the PSP, please contact the DWR's Desalination Section at DesalPSP@water.ca.gov. You may also contact the section chief, Richard Mills, at 916-651-0715 or by e-mail Richard.Mills@water.ca.gov

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Attachments

Each attachment is discussed in PSP Section 11.4

- Attachment name to use when uploading the file
- The types of acceptable electronic file formats (if in doubt, use pdf for everything other than templates)
- Specific instruction on what is to be included in the attachment.

ATTACHMENT 6 - PROJECT BACKGROUND

Attachment name: Background

Word limit of no more than 3 pages (12 point font, 1 inch margins)

Provide an up to 3 page summary of the project history, project description, and the intended outcome of the project. The text should be consistent with the Project Description and Project Objective provided in Part 2 of the GRANTS submittal and include a description of the project location including overlying jurisdictions (City, County, State, or Federal land), Assessor's Parcel Numbers (APN), and property addresses, if applicable. A project map showing the project's geographical location and the boundaries of work is helpful but not necessary. If included, the map does not count towards the attachment page count.

For the various grant types, the Project Background is also to include:

- **Construction Projects:** What specifically is being constructed with the grant funds. If the constructed project is a component of a larger project, describe how this project contributes to the larger project. Present the major alternatives considered during the project feasibility study and compare these with the proposed solution. Describe why the alternatives not chosen were rejected. Include a detailed description of the selected alternative and method for evaluation of technical feasibility including water supply, benefits, environmental impacts, equipment needs, costs, and schedule. Provide a general budget for the Total Project Cost and how the Funded Project budget relates to it (see definitions in Section 4.2). Provide a confirmatory statement that the Funded Project will be able to operate upon completion to achieve its stated purpose, regardless of the completion of other projects or project components.
- **Pilots and Demonstration Projects:** Describe the project's need and purpose. Briefly describe the full-scale project for which the pilot or demonstration project is being performed and its status. Present the major alternatives considered and compare them with the proposed solution. Describe why the alternatives not chosen were rejected. Include a detailed description of the selected alternative and method for evaluation of technical feasibility including water supply, benefits, environmental impacts, equipment needs, costs, and schedule. If the project involves testing alternative approaches to a problem, describe the alternatives to be investigated. Describe what will happen to the equipment after completion of the Funded Project.
- **Feasibility Studies:** Describe the overall issue being addressed by preparing the feasibility study and/or environmental documentation for the brackish groundwater desalination project. What are the contributing issues the Feasibility Study must address? What other alternatives have been or will be evaluated?
- **Environmental Documentation:** Provide a description of the need and purpose for the sea water desalination project. What alternatives have been considered and preliminary testing conducted, if any? Projects in this category must have a completed or concurrent feasibility study. Indicate in the Project Background the status and/or schedule of the feasibility study relative to the proposed project.
 - **Research Projects:** What is the specific issue intended to be addressed by this research? How will the project interface with past, ongoing, or planned research, if any? How is the outcome of the research intended to support the permitting process in the state of California?



Attachment 12
GHG Emissions
Project Energy Source
Portfolio



Attachment 12

Greenhouse Gas (GHG) Emissions Project Energy Source Portfolio

- The state is committed to reducing GHG
- There are multiple renewable energy sources available for desalting



Overview

- Renewable energy coupled to water supply infrastructure is more sustainable than using non-renewable sources.
- Dedication or procurement of energy sources producing less GHG emissions are scored higher for this PSP.
- Scoring criterion 11 (Exhibit G):
 - Plug-in to grid, 2.5 points, passing score
 - Zero GHG emissions, 5 point max., Best



Profile Approach

- Energy use for principle desalting component only—not the entire facility or project
- Flexible to capture any energy arrangement
- Work with DWR early if you have a special energy source or have trouble showing specific configurations/arrangements



Guidance for Attachment 12

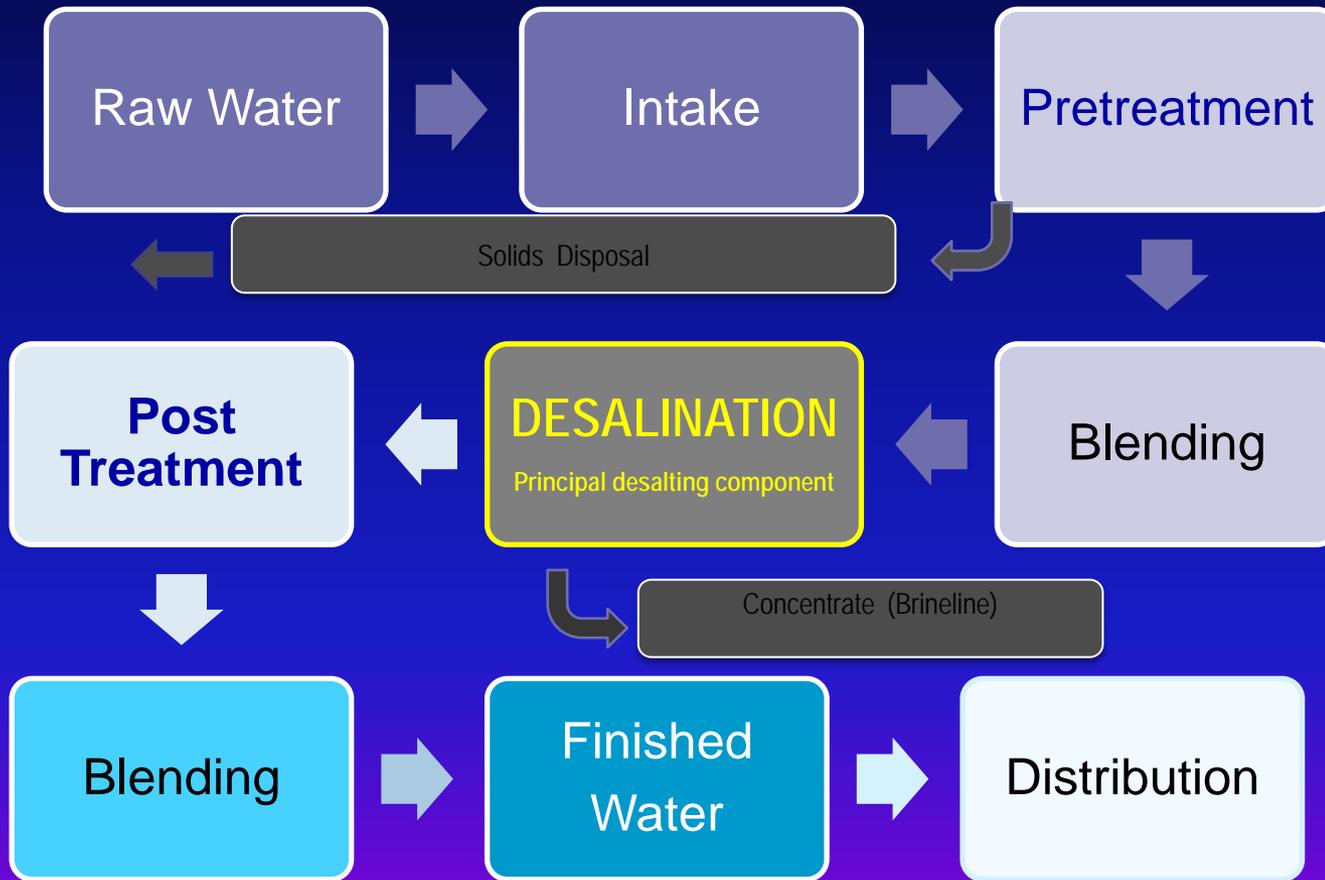
One Excel Workbook provided

7 Tabs/spreadsheets

- Tab 1. Introduction
- Tab 2. Table 12.1 Instructions
- Tab 3. Table 12.2 Instructions
- Tab 4. Table 12.1 & 12.2
- Tab 5. Table 12.3
- Tab 6 & 7 GHG Emission Factors



Desalting Component Only



The Tables

Agency name: [Agency Name Here]					Proposal Number: [Proposal # Here]				
Project name: [Project Name Here]					<input type="checkbox"/> Project Not Applicable.				
Table 12.1 Project Energy Source Portfolio									
A Energy Sources (type)	B Energy Requirement and Generation Designations Principal Desalting Component				C Emission Factor (EF)		D Project GHG Emission [calculated field]		E Reference/Comments ²
	Project Specific (PS)	PS ¹ Units	Non-Project Specific (NPS)	NPS ¹ Units	EF	EF ¹ Units	GHG ³	GHG ³ Units	
Statewide Electrical ⁴	--	--	8	0	0.4517	0	3.61	0	DWR provided EF.
Utility Level Electrical ⁴	--	--	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Other Electrical ⁴	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Coal	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Large Hydro	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Natural Gas	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Nuclear	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Heating Oil	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Diesel	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Gasoline	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Other ²	0	0	0	0	0	0	-	-	See Expanded Comment Tab, Comment #1
Renewable	--	--	--	--	--	--	--	--	--
Biomass	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Geothermal	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Small Hydro	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Solar	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Wave	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Wind	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Other ²	0	0	0	0	0	0	-	-	Attachment # __ Doc # __ Page # __
Total Unit Emission per Volume Treated							3.61		Estimated [mass units] CO ₂ e per [unit] of water [calculated field].
Table 12.2 Capacities and Rating									
A	B	C	D	E					
PDC Feedwater Capacity ⁵	1.6	MGD							
Desalting Capacity (DOC) ⁶	1.0	MGD							
Ratio of Capacities (DOC / PDC Feedwater)	63.7%	[calculated field], unitless	Annual GHG Emissions ⁷	1,318,964					
				Total estimated emission in [mass units] kgCO ₂ e per year [calculated field].					
Footnotes for Table 12.1									
1. Use appropriate or required units for all values to achieve mathematical equivalence across the table.									
2. Use "Reference/Comment" field and Table 12.3 for citing references and entering comments. Environmental documents should be submitted as part of Attachment 15 when applicable.									
3. Estimated PDC Green House Gas (GHG) Emissions in terms of Carbon Dioxide (CO ₂) equivalent released into atmosphere. Appropriate emission factors shall be documented in Column E. Column D1 is a calculated field.									
4. Statewide, Utility, Local, and Alternative level electrical energy sources and arrangements as substantiated by project proponent may be used. Example, Statewide Emission Factor (EF) EF = 451.7 kgCO ₂ e per MWh.									
5. The Principal Desalting Component (PDC) feedwater (input) capacity in million gallons per day (MGD). This is not normally the flow rate capacity of the intake structure but, the design and expected operational flow rate in MGD into the PDC.									
6. The desalting (output) capacity of the PDC in MGD. This is the flow rate of freshwater produced by the PDC and does not include blending. In a RO treatment train, this may be referred to as the operational permeate production through the membranes acting together with other essential PDC apputenances.									
7. This is the estimated mass of CO ₂ emissions or equivalent for the desalted output capacity (DOC) for the proposed principal desalting component per year for ongoing operation of the water supply project. This is a calculated amount. This calculation requires converting the DOC daily capacity in MGD to an annual capacity by multiplying by 365 days/year and then converting the total CO ₂ /kgal in Table 12.1 to CO ₂ /MG by multiplying by 1,000 kgal/MG.									
Abbreviations: Principal Desalting Component (PDC), Carbon Dioxide gas into atmosphere or equivalent (e) emission, (CO ₂ or CO ₂ e)									



Table 12.1

The basic values used

Non-Project Specific (NPS)	NPS ¹ Units	EF	EF ¹ Units	GHG ³	GHG ¹ Units
8	kWh/kgal	0.4517	kgCO ₂ e/kWh	3.61	kgCO ₂ e/kgal



Table 12.2

Desalting Capacity

A	B	C
PDC Feedwater Capacity ⁵	1.6	MGD
Desalting Capacity (DOC) ⁶	1.0	MGD
Ratio of Capacities (DOC / PDC Feedwater)	63.7%	Calculated



Table 12.2

The Final Value

Annual GHG Emissions ⁷	1,318,964	Total estimated emission in [mass units] kgCO ₂ e per year [calculated field].
-----------------------------------	-----------	--

7. This is the estimated mass of CO₂ emissions or equivalent for the desalted output capacity (DOC) for the proposed principal desalting component per year for ongoing operation of the water supply project. This is a calculated amount.



Table 12.3

References and Comments

- Provides means for additional references, comments, and other documentation
- No real limit as to what a project proponent can claim but documentation must be submitted to substantiate



Attachment 20

Economic Analysis



Attachment 20

Economic Analysis

- Monetary analysis
- Societal (statewide) perspective
- All costs & benefits
 - Local, project proponent
 - External to proponent or local service area



Purpose

- Best use of state funds
- Unbiased analysis of costs & benefits
- Feasibility study alternatives analysis (Exhibit J, Attachment 16)
- Scoring criterion 11 (Exhibit G):
 - Benefits-cost analysis
 - High benefit relative to cost



Analytical Approaches

- Cost-effectiveness analysis
 - Look for least cost alternative to achieve common benefit
- Benefit-cost analysis
 - Look for highest B/C ratio or net benefit (B-C)



Benefits

- Water supply benefit in normal or wet years equal for all alternatives per unit of water
- Identify other benefits
 - Reliability in dry years
- Incorporate into unit cost calculation if monetary value can be estimated



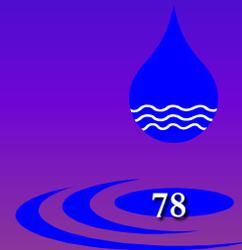
With and Without Analysis

- Without project, changes occur over time
- With project, future is altered
- Objective: Identify changes attributable to project
 - Compare conditions with and without project
- Not a before and after analysis
 - Compare starting conditions and endpoint conditions



Exhibits

- Acronyms and Abbreviations
- Glossary
- Quarterly Report Documentation
- Annual Report Documentation
- Final Report Documentation
- Performance Reports
- Review and Scoring Criteria
- **Application Checklist**
- Eligible Benefits
- Feasibility Study Documentation



GRanTS: On Line Submittal Tool



GRANTS

Grants Review and Tracking System (GRanTS)

LINKS

- [Sign In](#)
- For information regarding GRanTS, please call (888) 907-4267 or email GRanTSadmin@water.ca.gov
- [Fall 2012-2013 Funding Opportunities](#)
- [2013 Funding Fairs](#)
 - [Statewide](#)
 - [Los Angeles](#)

GRANTS

What is GRanTS?

GRanTS Vision

Getting Started

Help

Project Mapping



Welcome to the Department of Water Resources (DWR) Grants Review and Tracking System.

GRanTS is a web-based tool that can be used to:

- Apply for Bond funded grants and loans
- Manage Bond funded contracts and track projects
- Submit electronic contract deliverables and invoices

NOTE: The Bond Management System (BMS) has officially changed its name to Grants Review and Tracking System (GRanTS) as of July 2013.

GRANTS
SIGN IN

TOPICS



Department of Water Resources

GRANTS REVIEW AND TRACKING SYSTEM

GRANTS

A screenshot of the GRANTS login interface. The title bar reads 'LOG ONTO GRANTS'. Below the title bar, there are two input fields: 'User Name:' and 'Password:'. To the right of the 'Password:' field is a 'Log In' button. Below the input fields, there are two links: 'Forgot Password' and 'Registration'.

For information regarding GRANTS please call (888) 907-4267 or email GRANTSadmin@water.ca.gov.

- *I. Completing a Proposal*
- *II. Submitting a Proposal*
- *III. GRANTS Registration*
- *IV. Becoming an Organization Administrator*
- *V. Becoming an Authorized User*
- *VI. Organization Admin: User Management*
- *VII. Forgot Password*
- *VIII. Account Locked*

PLEASE USE INTERNET EXPLORER 6-9



Other browsers are not supported and may not work properly!

I. COMPLETING A PROPOSAL

 Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

[Home](#) | [PSPs](#) | [Projects](#) | [Contracts](#) | [Organization Admin](#)

[Home](#) | [My Profile](#)

[Public User Guide \(12MB\)](#)

NEW SOLICITATIONS

1 New solicitations are available!

YOU ARE THE ORGANIZATION ADMINISTRATOR FOR:

Organization Name	Organization Tax ID (FEIN)
RJOrg	123499999

MY APPLICATIONS

In Progress	23
Submitted	17
Awarded	7

YOUR ORGANIZATION'S ADMINISTRATOR IS:

Organization Name	Administrator	Email	Phone Number
RJOrg	Devinder	ddhillon@ucdavis.edu	(916) 651-9243
RJOrg	Ramya	nramyaj@gmail.com	(111) 111-1111

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Click on the New Solicitation hyperlink

I. COMPLETING A PROPOSAL

 Department of Water Resources Welcome: ddhillon@ucdavis.edu [Logout](#)

GRANTS REVIEW AND TRACKING SYSTEM

[Home](#) [PSPs](#) [Projects](#) [Contracts](#)

[Home](#) [My Profile](#)

Active PSPs

Program Name	PSP Name	Released On	Due Date	Action	Attachments
Desalination Grant Program	2014 Water Desalination PSP	11/26/2013	1/16/2014 5:00 PM	Start Proposal	No Attachments

Archived PSPs

Archived PSP Name

Select Fiscal Year

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Click on "Start Proposal" next to the PSP Name

I. COMPLETING A PROPOSAL

CA.GOV Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

Home PSPs Projects Contracts Organization Admin
User Mgmt

Applicant Info Projects Eligibility Questions Application Attachments

Full View

Applicant Information

APPLICANT INFORMATION	
Organization Name	Please Select * *
Tax ID	
Point Of Contact *	<input type="radio"/> Existing Registered Users <input type="radio"/> Add New User
Proposal Name	* Maximum Character Limit: 150
Proposal Objective	* Maximum Character Limit: 2000

BUDGET

Other Contribution	
Local Contribution	
Federal Contribution	
Inkind Contribution	
Amount Requested	*
Total Project Cost	*

Start the Proposal

~ The mandatory fields (*) in the Applicant Info or first tab must be populated to begin a proposal.

~ After the application is started, you can switch between tabs

~ ALWAYS SAVE

I. COMPLETING A PROPOSAL

The screenshot displays the user interface of the Department of Water Resources Grants Review and Tracking System. At the top left is the CA.GOV logo. The header includes the text "Department of Water Resources" and "GRANTS REVIEW AND TRACKING SYSTEM". A user welcome message "Welcome: ddhillon@ucdavis.edu Logout" is visible in the top right. A navigation bar contains links for "Home", "PSPs", "Projects", "Contracts", and "Organization Admin". Below this, a secondary navigation bar includes "Home" and "My Profile". A set of tabs for "Applicant Info", "Projects", "Eligibility Questions", and "Application Attachments" is present. A "Full View" button is located on the right side of the main content area. The "Applicant Information" section is highlighted with a red border and contains an error message: "You are not authorized to create a proposal. To become an authorized user, please contact your organization administrator listed on your home page." Below the error message are input fields for "Organization Name", "Tax ID", "Point Of Contact" (with radio buttons for "Existing Registered Users" and "Add New User"), "Proposal Name" (with a character limit of 150), and "Proposal Objective" (with a character limit of 2000). The "BUDGET" section is partially visible at the bottom.

CA.GOV Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

Home PSPs Projects Contracts Organization Admin

Home My Profile

Applicant Info Projects Eligibility Questions Application Attachments

Full View

Applicant Information

APPLICANT INFORMATION

You are not authorized to create a proposal. To become an authorized user, please contact your organization administrator listed on your home page.

Organization Name

Tax ID

Point Of Contact * Existing Registered Users Add New User

Proposal Name * Maximum Character Limit: 150

Proposal Objective * Maximum Character Limit: 2000

BUDGET

If you are not an authorized user or if the organization is not registered you will see this error message.

Please contact your organization administrator to become an authorized user

I. COMPLETING A PROPOSAL

The screenshot shows the user interface of the Department of Water Resources Grants Review and Tracking System. At the top left is the CA.GOV logo. The header text reads "Department of Water Resources" and "GRANTS REVIEW AND TRACKING SYSTEM". A user greeting "Welcome: ddhillon" with a "Logout" link is in the top right. A navigation menu includes "Home", "Programs", "PSPs", "Review", "Award", "Projects", "Contracts", "Admin", "Invoice", and "Reports". Below this is a sub-menu with "Applicant Info", "Projects", "Eligibility Questions", and "Application Attachments". A "Full View" button is on the right. The main content area is titled "Projects" and contains an "Add New" button (highlighted with a red box) and a table with one project entry.

CA.GOV Department of Water Resources Welcome: ddhillon [Logout](#)

GRANTS REVIEW AND TRACKING SYSTEM

Home Programs PSPs Review Award Projects Contracts Admin Invoice Reports

Home

Applicant Info Projects Eligibility Questions Application Attachments

Full View

Projects

[Add New](#)

Project Name	Total Project Cost	Delete
Testing Project, Do Not Review	40	

Add at least one project

There will be option to copy information from Applicant Info tab

II. SUBMITTING A PROPOSAL

Attach.#17. Upload Attachment #17 here with file name as "Desal_Att#17_Spec"	Attach.#18. Upload Attachment #18 here with file name as "Desal_Att#18_Quals"
(Upload Limit: 1 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :	(Upload Limit: 1 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :
<input type="text"/> <input type="button" value="Select"/> <input type="button" value="Remove"/>	<input type="text"/> <input type="button" value="Select"/> <input type="button" value="Remove"/>
<input type="button" value="Add"/>	<input type="button" value="Add"/>
To delete one or more uploaded files, check the 'Delete' check-box(s) next to the file name(s) and click Save	To delete one or more uploaded files, check the 'Delete' check-box(s) next to the file name(s) and click Save
Attach.#19. Upload Attachment #19 here with file name as "Desal_Att#19_PlanOfFS"	Attach.#20. Upload Attachment #20 here with file name as "Desal_Att#20_OtherInfo"
(Upload Limit: 1 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :	(Upload Limit: 1 MB each). File Name Limit:50 Characters. Last Uploaded Attachments :
<input type="text"/> <input type="button" value="Select"/> <input type="button" value="Remove"/>	<input type="text"/> <input type="button" value="Select"/> <input type="button" value="Remove"/>
<input type="button" value="Add"/>	<input type="button" value="Add"/>
To delete one or more uploaded files, check the 'Delete' check-box(s) next to the file name(s) and click Save	To delete one or more uploaded files, check the 'Delete' check-box(s) next to the file name(s) and click Save
<input type="button" value="Save"/> <input type="button" value="Back"/> <input type="button" value="Submit"/>	

If any sections are incomplete you will be notified after clicking Submit.

After you submit a proposal, the user will receive an email confirming the submission.

III. REGISTRATION

Users need to register under their own agency

For example, User A works for XYZ Consulting firm and plans to submit a proposal on the behalf of City of Sacramento

User A will register under XYZ Consulting firm

User A will then contact City of Sacramento to become an authorized user under City of Sacramento Organization

III. REGISTRATION



Department of Water Resources

GRANTS REVIEW AND TRACKING SYSTEM

GRANTS

LOG ONTO GRANTS

User Name:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Log In"/>	
Forgot Password	
Registration	

*Click on the Registration
Hyperlink*

For information regarding GRANTS please call (888) 907-4267 or email GRANTSadmin@water.ca.gov.

III. REGISTRATION



Department of Water Resources

GRANTS REVIEW AND TRACKING SYSTEM

User Profile

Contact

Organization

Account

First Name:	Devinder *	Phone (Office):	(916) 651-9243Ext:__ *
Middle Name:		Phone (Direct):	() _ - Ext: __
Last Name:	Dhillon *	Phone (Mobile):	() _ -
		Fax:	() _ -

Next

Cancel

Complete the Contact Tab

III. REGISTRATION

User Profile

Contact **Organization** Account

Organization:	<input type="text" value="Search for Organization..."/> * Add New	Division/Address List:	<input type="text" value="Search for Division..."/> * Add New
Address1:	<input type="text"/> *	Address2:	<input type="text"/>
City:	<input type="text"/> *	State:	California * <input type="text"/>
Zip:	<input type="text"/> *	Phone:	() - - Ext. - -
Web site:	<input type="text"/>		

Next

Cancel

Complete the Organization Tab

~ When selecting the Organization, you can type your organization's name and the name will auto populate.

~ If your organization is not listed, click the "Add New" hyperlink.

~ Next you'll need to identify the Division, if your division is not listed, click the "Add New" Hyperlink.

~ Once the organization and division are identified, the "Division/Address List" will auto populate.

~ Do not modify or append ANY of the contact information.

III. REGISTRATION

User Profile

Contact Organization **Account**

Username/Email:	<input type="text"/>	*			
Password:	<input type="password"/>	*			
Confirm Password:	<input type="password"/>	*			
Security Question 1:	Select Question	▼	Answer:	<input type="text"/>	*
Security Question 2:	Select Question	▼	Answer:	<input type="text"/>	*

Complete the Account Tab

~ The user name is your email address.

~ Password must be at least 7 characters and contain at least three of the four character types (lowercase alpha, uppercase alpha, numeric, and special characters).

~ Security questions and your email allow retrieval of your account in case you forgot your password.

IV. BECOMING AN ORGANIZATION ADMINISTRATOR

The screenshot shows the user interface of the Department of Water Resources GRANTS REVIEW AND TRACKING SYSTEM. The header includes the CA.GOV logo, the department name, and the system title. A navigation menu is located below the header. The main content area is divided into several sections: 'NEW SOLICITATIONS' with a notification for 1 new solicitation; 'MY APPLICATIONS' with a table showing 23 In Progress, 17 Submitted, and 7 Awarded applications; 'YOU ARE THE ORGANIZATION ADMINISTRATOR FOR:' with a table for RJOrg; and 'YOUR ORGANIZATION'S ADMINISTRATOR IS:' with a table listing administrators for RJOrg.

Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

Home | [PSPs](#) | [Projects](#) | [Contracts](#) | [Organization Admin](#)

Home | [My Profile](#)

[Public User Guide \(12MB\)](#)

NEW SOLICITATIONS

1 New solicitations are available!

YOU ARE THE ORGANIZATION ADMINISTRATOR FOR:

Organization Name	Organization Tax ID (FEIN)
RJOrg	123499999

MY APPLICATIONS

In Progress	23
Submitted	17
Awarded	7

YOUR ORGANIZATION'S ADMINISTRATOR IS:

Organization Name	Administrator	Email	Phone Number
RJOrg	Devinder	ddhillon@ucdavis.edu	(916) 651-9243
RJOrg	Ramya	rramyaj@gmail.com	(111) 111-1111

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Contact the organization administrator or GRanTS Helpline

V. BECOMING AN AUTHORIZED USER

CA .GOV Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

Home PSPs Projects Contracts Organization Admin

Home My Profile

[Public User Guide \(12MB\)](#)

NEW SOLICITATIONS

1 New solicitations are available!

YOU ARE THE ORGANIZATION ADMINISTRATOR FOR:

Organization Name	Organization Tax ID (FEIN)
RJOrg	123499999

MY APPLICATIONS

In Progress	23
Submitted	17
Awarded	7

YOUR ORGANIZATION'S ADMINISTRATOR IS:

Organization Name	Administrator	Email	Phone Number
RJOrg	Devinder	ddhillon@ucdavis.edu	(916) 651-9243
RJOrg	Ramya	nramyaj@gmail.com	(111) 111-1111

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Your organization administrator contact information is listed on your home page

If you do not see the contact information, contact the GRANTS Helpline

VI. ORGANIZATION ADMIN: USER MANAGEMENT

CA .GOV Department of Water Resources Welcome: ddhillon@ucdavis.edu Logout

GRANTS REVIEW AND TRACKING SYSTEM

Home PSPs Projects Contracts **Organization Admin**

User Mgmt

Organization Admin

Select Organization: RJOrg

Organization Name: RJOrg *

Tax ID: 123499999 *

Save Edit Cancel

Users

Add New

User ID	Action
amit.raï@touchpointsinc.com	
venukanthan@hotmail.com	
nramyaj@gmail.com	
suresh.venukanthan@gmail.com	
kameledion23@yahoo.com	

1 of 2 Pages >>

For information regarding GRANTS please call (888) 907-4287 or email GRANTSadmin@water.ca.gov.

Organization administrator can add/authorize users and register the organization in Organization Admin tab

~ Users associated to the organization are listed in the "User" panel

VI. ORGANIZATION ADMIN: USER MANAGEMENT

The screenshot shows the user management interface for the Department of Water Resources. The header includes the CA.GOV logo, the text "Department of Water Resources", and the system name "GRANTS REVIEW AND TRACKING SYSTEM". A user is logged in as ddhillon@ucdavis.edu. The navigation menu includes Home, PSPs, Projects, Contracts, and Organization Admin. The current page is "User Mgmt".

The "Add/Modify User" form contains the following fields:

User ID	<input type="text"/>
Lock/Unlock	<input type="checkbox"/>
Organization Admin	<input type="checkbox"/>
Authorized User	<input type="checkbox"/>

Buttons: Save, Cancel

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Adding a new User

- ~ Enter the email address of the user you want to add to the organization*
- ~ Click on "Authorized User"*
- ~ Organization admin can also unlock user accounts and grant other user administrative privileges*

VI. ORGANIZATION ADMIN: USER MANAGEMENT

 Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

[Home](#) | [PSPs](#) | [Projects](#) | [Contracts](#) | [Organization Admin](#)

User Mgmt

Organization Admin

Select Organization:

Organization Name: *

Tax ID: *

Users

[Add New](#)

User ID	Action
amit.ra@touchpointsinc.com	
venukanthan@hotmail.com	
nramyaj@gmail.com	
kameledion23@yahoo.com	
suresh.venukanthan@gmail.com	

1 of 2 Pages >>

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Modify Existing User Privileges

~ Click on the User Email Hyperlink to enter the Add/Modify User screen

VI. ORGANIZATION ADMIN: USER MANAGEMENT

CA .GOV Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Welcome: ddhillon@ucdavis.edu [Logout](#)

Home | PSPs | Projects | Contracts | **Organization Admin**

User Mgmt

Add/Modify User

User ID	<input type="text" value="amit.rao@touchpointinc.com"/>
Lock/Unlock	<input type="checkbox"/>
Organization Admin	<input type="checkbox"/>
Authorized User	<input type="checkbox"/>

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

Modify Existing User Privileges

~ Organization admin can authorize users, unlock user account and grant user administrative privileges

VII. FORGOT PASSWORD



GRANTS

LOG ON TO GRANTS

User Name:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Log In"/>	
Forgot Password	
Registration	

*Click the
Forgot Password
hyperlink*

For information regarding GRANTS please call (888) 907-4267 or email GRANTSadmin@water.ca.gov.

VII. FORGOT PASSWORD



 Department of Water Resources
GRANTS REVIEW AND TRACKING SYSTEM

Forgot Password

Username/Registered email:

*Enter your email
&
click Validate User ID*

For information regarding GRanTS please call (888) 907-4267 or email GRanTSadmin@water.ca.gov.

VII. FORGOT PASSWORD



Department of Water Resources

GRANTS REVIEW AND TRACKING SYSTEM

Forgot Password

This Email ID is not registered.

Username/Registered email:

Please answer the following security questions.

What was your childhood nickname?	<input type="text"/>
What is your pet's name?	<input type="text"/>

You have maximum of 3 unsuccessful attempts.

Answer the security questions and an email will be sent instantaneously with a temporary password and instructions

VIII. LOCKED ACCOUNT



Department of Water Resources

GRANTS REVIEW AND TRACKING SYSTEM

GRANTS

LOG ONTO GRanTS	
User Name:	ddhillon@ucdavis.edu
Password:	<input type="password"/>
Your account is locked. Please contact the System Admin.	
<input type="button" value="Log In"/>	
Forgot Password	
Registration	

Five unsuccessful password entries will lead to your account being locked

Contact your organization administrator or GRANTS Helpline to unlock your account

REGISTRATION AND COMPLETING A GRANT APPLICATION VIDEOS AT [HTTP://WWW.WATER.CA.GOV/GRANTS/](http://www.water.ca.gov/grants/)

The screenshot shows the California Department of Water Resources website. At the top left is the logo "CA.GOV" and "DEPARTMENT OF WATER RESOURCES". To the right is a search bar with "GO" and radio buttons for "DWR" and "California". Below the logo is a navigation menu with buttons for Home, Newsroom, Flood & Safety, Planning, State Water Project, Funding, Environment, Supply & Use, and Data. A secondary navigation bar contains links for Grants & Loans Information, Flood Corridor Grants, Flood Control Subventions, and All Funding Topics... The main heading is "Grants Review and Tracking System (GRanTS)". On the left is a "LINKS" sidebar with several links. The main content area features a large "GRANTS" title and a sub-menu with "What is GRanTS?", "GRanTS Vision", "Getting Started", "Help", and "Project Mapping". The "Help" tab is active, displaying text about training guides, a "NEW!" callout for the "Public User Guide", and links to "Registration" and "Completing a Grant Application" videos. A note states these videos will be updated. Contact information for the GRanTS Administrator is provided at the bottom.

CA.GOV | DEPARTMENT OF WATER RESOURCES

Skip to: [Content](#) | [Footer](#) | [Accessibility](#)

Search GO

DWR California

Home | Newsroom | Flood & Safety | Planning | State Water Project | Funding | Environment | Supply & Use | Data

Grants & Loans Information | Flood Corridor Grants | Flood Control Subventions | All Funding Topics...

Grants Review and Tracking System (GRanTS)

GRANTS

LINKS

- Sign In
- For information regarding GRanTS, please call (888) 907-4267 or email GRanTSadmin@water.ca.gov
- Fall 2012-2013 Funding Opportunities
- 2013 Funding Fairs
 - Statewide
 - Los Angeles

What is GRanTS? | GRanTS Vision | Getting Started | **Help** | Project Mapping

DWR staff can visit the Project Services Office website at <https://psו.water.ca.gov/> for training guides and more information.

NEW! The [Public User Guide](#) provides step-by-step instructions for using GRanTS.

Answers to common questions can be found in the [Frequently Asked Questions](#).

View the [Registration](#) and [Completing a Grant Application](#) videos for additional help. *NOTE: These videos will soon be updated to match the recent changes in the system.*

Still need help? Contact a GRanTS Administrator with your questions at (888) 907-4267 or GRanTSadmin@water.ca.gov.

PLEASE USE INTERNET EXPLORER

6-9



Other browsers are not supported and may not work properly!

CONTACT US

Call (888) 907-4267

or

email GRANTSadmin@water.ca.gov

Questions



Contact Information

- **For questions on the Grant Program and Application Process:**
 - **Michael Ross (916) 651-0717**
 - **Email: DesalPSP@water.ca.gov**
- **For questions on the GRanTS Online Submittal Tool:**
 - **DWR (888) 907-4267**
 - **Email: GRanTSadmin@water.ca.gov.**
 - **Website: <http://www.water.ca.gov/grants/>.**

