

# **The 2004 Water Desalination Proposal Solicitation Package**



**Department of Water Resources  
Office of Water Use Efficiency**

**First Cycle**



# Why Desalination?

- By 2030 California is projected to have 12 million more people
  - increased reliable water needs
- Conventional water resources are declining:
  - Colorado River 4.4 Plan
  - Local groundwater contamination in some areas
  - Environmental Needs (Bay-Delta, Mono Lake, Etc.)
  - Possible effects of climate change on surface runoff patterns
- Nonconventional sources (Desalination/Recycling) are:
  - Reliable
  - Drought proof
  - High quality water

**Program:**

**Proposition 50 Chapter 6(a)**

**“Desalination of Ocean or  
Brackish waters”**

# **Program Objective**

***Assist local public agencies with the development of local water supplies through brackish water and oceanwater desalination***

# Proposal Solicitation Guidelines

- Proposition 50 Language
- AB 1747 Trailer Bill (statute of 2003)
- Water Desalination Task Force Findings & Recommendations
- Other Relevant Laws
- **Public Input**

# Eligible Applicants

**Public entities involved with water management activities including:**

<b>Cities</b>	<b>Counties</b>	<b>Cities and counties</b>
<b>Joint power authorities</b>	<b>Public water districts</b>	<b>Non-profit organizations including watershed management groups</b>
<b>Tribes</b>	<b>Universities and colleges</b>	<b>State and federal agencies and other political subdivisions of the State</b>

***Applicant must have submitted a completed Urban Water Management Plan to DWR that meets the requirements.***

# Project Eligibility

- **Eligible:** brackish and oceanwater desalination construction projects for the development of local **Potable Water** supplies, research and development, feasibility studies, pilot, and demonstration projects.
- **Not eligible:** Wastewater treatment, and the treatment of impaired waters and agricultural drainage water unless for the creation of **New or Alternative Potable Water Supplies**.

# Definitions

New potable water is water that without desalination treatment cannot be used for potable purposes.

Alternative potable water is water created by a desalination project to realize identified environmental benefits by replacing the same amount of freshwater withdrawn from a natural water body.

# Anticipated Schedule

7/8/04	<u>Draft</u> PSP released on website for public comment
8/17/04	2 Public Workshops: Northern California 8/12/04 Southern California 8/17/04
08/23/04	Public Comment Period ends
09/09/04	Cal. Bay-Delta Public Advisory Committee (BDPAC)
10/14/04	Calif. Bay Delta Authority Meeting
10/25/04	Final PSP released on website to accept proposals
11/15/04	Public Workshop for Final PSP
<b>01/18/05</b>	<b>Proposals Due</b>
03/28/05	Review process completed, Recomm. presented to Mangt.
05/03/05	Workshop to present draft funding recommendations
05/13/05	DWR makes final funding decision
06/01/05	Contract Negotiations begin
12/01/05	Contracts executed

# Review Criteria

I	Relevance and Importance	<b>20</b>
II	Innovation and Technological Advancement	<b>20</b>
III	Technical Scientific Merit, Feasibility and Project Readiness	<b>20</b>
IV	Monitoring and Assessment and Assurances	<b>10</b>
V	Outreach, Information sharing, Environmental Benefits, and Environmental Justice	<b>10</b>
VI	Qualifications of the Applicants & Cooperators	<b>10</b>
VII	Costs and Benefits	<b>10</b>

***No projects with a total score of less than 70 points shall be funded***

# **Helpful Links**

**Department of Water Resources**

**[www.water.ca.gov](http://www.water.ca.gov)**

**Recycling and Desalination Branch**

**[www.owue.water.ca.gov/recycle/](http://www.owue.water.ca.gov/recycle/)**

**OWUE Grants and Loans**

**[www.owue.water.ca.gov/finance/](http://www.owue.water.ca.gov/finance/)**

# Questions ? Need Assistance ?

## Contact:

### Technical:

Fawzi Karajeh  
(916) 651-9669

[fkarajeh@water.ca.gov](mailto:fkarajeh@water.ca.gov)

### Grant application and process:

Debra Gonzalez  
(916) 651-7026

[debrag@water.ca.gov](mailto:debrag@water.ca.gov)