

2004 WATER USE EFFICIENCY

PROPOSAL SOLICITATION PACKAGE (PSP)

November 30, 2004

December 2, 2004

December 6, 2004

Department of Water Resources

Office of Water Use Efficiency

Who May Apply

- Entities involved with water management
- cities, counties, cities and counties, joint power authorities, public water districts
- Non Profit Organizations
- Tribes
- Universities, Colleges, State and Federal Agencies (Section B Projects Only)
- Investor owned utilities and incorporated mutual water companies eligibility is subject to further determination by DWR.

Urban water suppliers must have submitted a completed plan to DWR that meets the requirements of the Urban Water Management Planning Act.

Eligible Projects

- **Agricultural and Urban Water Use Efficiency Projects from throughout the State that provide direct or indirect benefits to CALFED Bay-Delta System.**
 - **Projects in the CALFED Bay-Delta Watershed**
 - **Projects in the State Water Project Area Watershed**
 - **Projects that can exchange water with the above watersheds**
- **Urban Best Management Practices**
- **Agricultural Efficient Water Management Practices**
- **Other Implementation Practices (i.e. Quantifiable Objectives and Targeted Benefits)**

Ineligible Projects

- Projects that do not achieve direct or indirect water quantity, water quality or other environmental benefits to the Bay-Delta are not eligible

Not eligible under Section A:

- Research and development
- feasibility studies
- pilot or demonstration projects
- training, education, or public information, or technical assistance

Not eligible under Section A & B

- Other ineligible projects:
 - In A-4 of the PSP, wellhead rehabilitation, new storage supply, water treatment, wastewater treatment and recycled water projects

Geographic Scope & Duration of Projects

- Geographic Scope
 - Statewide contributing directly or indirectly to California Bay-Delta Program goals
- Duration
 - Expended within 3 years of contract execution
 - Discrete 12-month periods

Funds

FUNDS AVAILABLE

- \$34 million this cycle
 - 50% urban
 - 50% agricultural
- 75% Section A Projects
- 25% Section B Projects

Funds

MATCHING FUNDS

- Section A applicants must provide a cost share from non state sources.
 - Based on balance between local benefits and California Bay Delta benefits expected from the project.
 - Costs incurred after November 5, 2002 but prior to effective date of the grant contract may be considered at DWR's discretion, as part of local match.

LOCALLY COST EFFECTIVE

- **Locally cost-effective projects may be eligible for funds if:**
 - **provide broad transferable benefits, overcome implementation barriers, or accelerate implementation**
 - **Regulatory, law, contract-required projects may be eligible if the project is accelerating implementation and is not currently required**

Labor Code Compliance

- Entities awarded grants must ensure compliance with Labor Code Compliance programs for public works projects.

Conflict of Interest & Confidentiality

- Conflict of Interest

All applicants and reviewers are subject to State and Federal conflict of interest laws

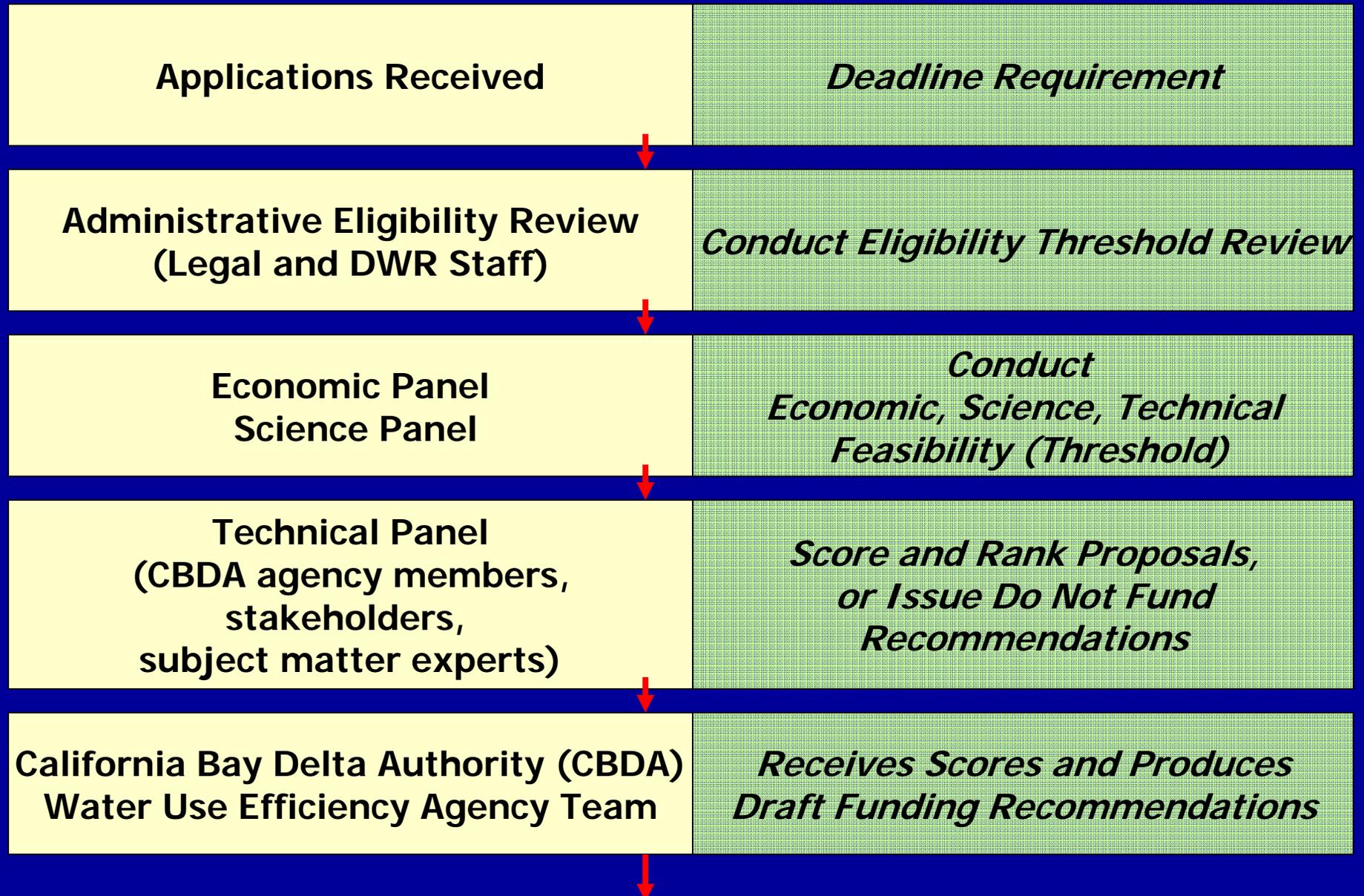
- Confidentiality

- Applicant waives any right to privacy and confidentiality with respect to application information once the application is signed and submitted to DWR
- All proposals will become public information

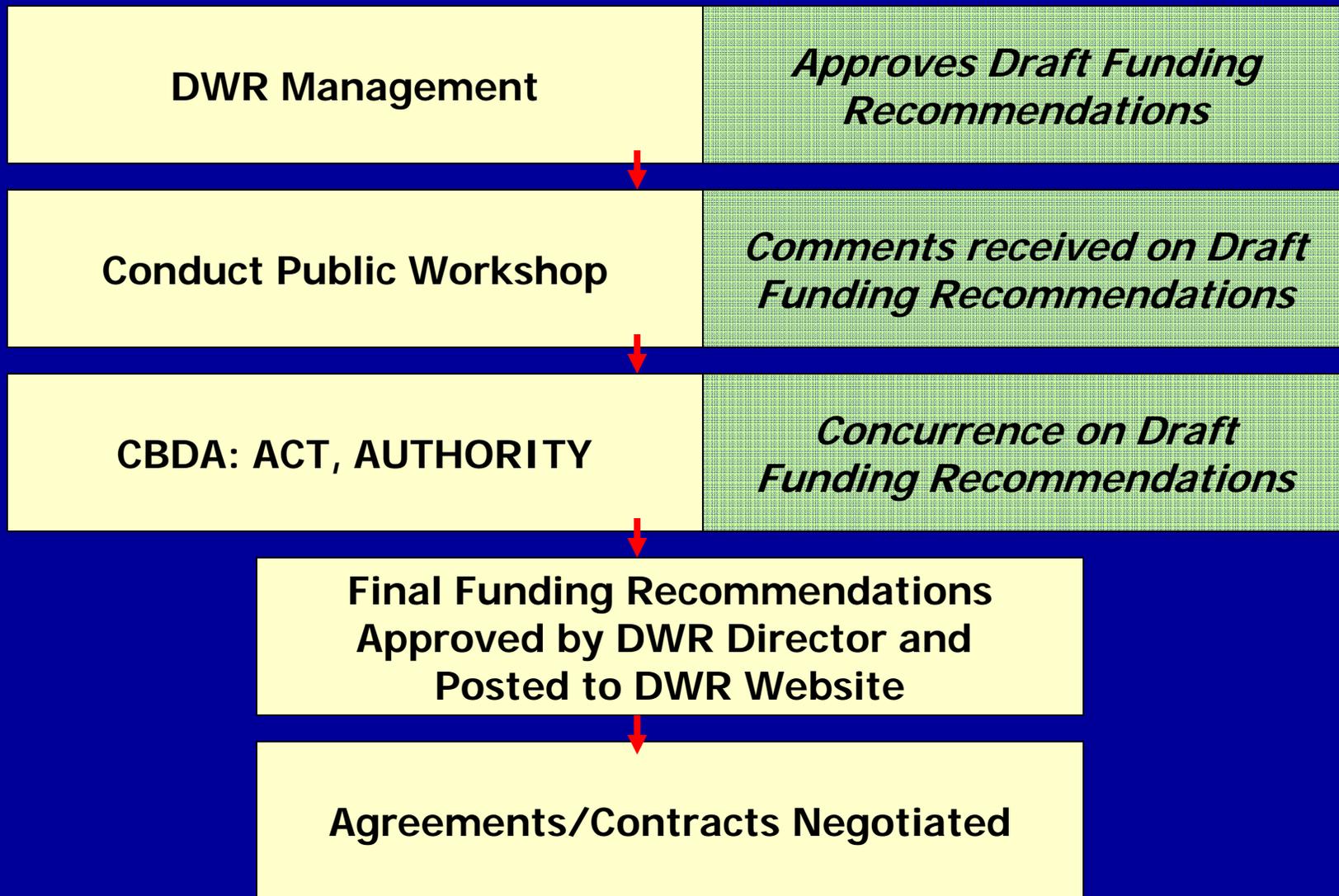
Section A: Selection Criteria

Criteria	Points
Relevance and importance	10
Technical/scientific merit, feasibility,	20
Monitoring and assessment	15
Qualifications of the applicants	5
Outreach, community involvement and acceptance	5
Innovation	10
Benefits and costs	35

Review and Selection Process



Review and Selection Process (continued)



Anticipated Schedule

November 15, 2004	Final PSP released
November 30, 2004 December 2, 2004 December 6, 2004	Public Workshops
January 11, 2005	Proposals due by <u>3:00 PM</u> Must be received at DWR (postmarks not acceptable)
April, 2005	Review process complete Workshops conducted Draft recommendations
May, 2005	Final recommendations
June, 2005	Contract negotiations begin

C. Statement of Work: Relevance & Importance

(Section A: 10 pts)

- Purpose, goals and objectives
- Project description
- Location
- Need for and priority of projects to achieve multiple benefits to the Bay Delta:
 - Activities identified in urban/ag. water management plans
 - Consistent with local / regional water management plans or other resource management plans
 - How project will implement existing or planned water management activities

D. Statement of Work: Technical / Scientific Merit

(Section A: 20 pts)

- Description of methods, procedures, expected outcomes, benefits and costs
- Tasks, deliverables, complete project plan schedule
- Compliance with local, county, State, and federal permitting requirements
- Environmental
 - Address environmental, social, economic impacts
 - Plan for required CEQA/NEPA compliance

E. Statement of Work: Monitoring and Assessment

(Section A: 15 pts)

- Describe monitoring and assessment plan
- Explain monitoring methodologies and data to be collected
- Describe reporting methods to DWR and others
- Estimated costs associated with the implementation of monitoring

Grantees are required to re-evaluate project cost/benefits and submit annual reports of benefits and costs for five years after the completion of the project.

F. Qualifications of Applicant & Cooperators

(Section A: 5 pts)

- Applicant
 - Resume(s) of project manager(s)
 - Describe previous water use efficiency grant projects.
- External cooperators
 - Identify and describe roles

Performance in prior programs will be a consideration

G. Outreach, Community Involvement and Acceptance

(Section A: 5 pts)

- Coordinate with local government & other agencies
 - Describe
 - plan for public outreach
 - support and opposition
- How does the project fit into local and regional plans?

H. Innovation

(Section A: 10 pts)

- Describe innovative technologies and methodologies that will be employed.
- How do these contribute to improved efficiencies in projects throughout the State?

I. Costs and Benefits

(Section A: 35 pts)

- Appendix C: Costs and Benefits Tables:
- Document:
 - Costs (document complete budget for your project)
 - Benefits of water quantity, water quality, and in-stream flow and timing
 - Describe how proposed water conservation project results in qualitative or quantitative benefits within the California Bay Delta Program area.
 - Provide documentation of direct or indirect benefit to the Bay Delta System, where possible
- **Complete the tables**
- **Provide documentation to explain and justify all major analysis assumptions**
 - **An Excel version of the Tables is available on the web:**

<http://www.owue.water.ca.gov/finance/index.cfm>

Table C-1 Project Costs (Budget)

Category	Project Costs	Contingency %	Project Cost + Contingency \$	Applicant Share	State Share	Life of Investment (Years)	Capital Recovery Factor (Table C4)	Annualized Costs \$
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)	(VIII)	(IX)
Administration	\$		\$	\$	\$			\$
Planning/design /engineering	\$		\$	\$	\$			\$
Implementation	\$		\$	\$	\$			\$
Rebates/ Equipment purchase	\$		\$	\$	\$			\$
Report Prep	\$		\$	\$	\$			\$
Environmental Compliance/ Mitigation	\$		\$	\$	\$			\$
Construction	\$		\$	\$	\$			\$
TOTAL	\$	NA	\$	\$	\$	NA	NA	\$
Cost Share Percentage	NA	NA	NA	%	%	NA	NA	NA

Table C-2

Annual Operations and Maintenance Costs

- Includes annual operations, maintenance and other costs.

Table C-3

Total Annual Project Costs

- Annual Project Costs
(from Table C-1)
- Annual O&M Costs
(from Table C-2)
- Total Annual Project Costs

Table C- 4

Capital Recovery Factor

- Reference table for a discount rate of 6%

Table C-5

Project Annual Physical Benefits

- Describe any qualitative Bay-Delta and local benefits
- Where possible, quantify Bay-Delta and local benefits.
- State why benefits are direct or indirect
- Provide documentation for all benefits

Table C-6

Project Annual Local Monetary Benefits

- **Provide Annual Local Benefits**
 - Avoided water supply costs current or future sources
 - Avoided energy costs
 - Avoided waste water treatment costs
 - Avoided labor costs
 - Other (describe)
 - Total all of the above (**\$/year**)

Table C-7

Project Local Monetary Benefits and Project Costs

- Total Annual Monetary benefits
(from Table C-6)
- Total Annual Project Costs
(from Table C-3)

Table C-8

Applicant's Cost Share and Description

- Applicant's Cost Share
(from Table C-1)
- Describe how the cost share is derive
(balance between Bay-Delta and Local benefits)

Section B Projects

B-1. Background, Goals and Objectives

B-2. Eligible Applicants

Includes Universities, State and Federal Agencies and applicants eligible for Section A

B-3. Eligible Projects

- Agricultural and Urban water use efficiency R&D, feasibility studies, pilot demonstration
- Statewide agricultural and urban water use efficiency training, education or public education programs
- Statewide agricultural and urban technical assistance programs

Section B: Selection Criteria

Criteria	R&D, Feasibility Studies, Pilots, Demos	Training, Education, Public Info.	Technical Assistance
Relevance and Importance	10	15	10
Technical / scientific merit, feasibility,	25	20	25
Monitoring and Assessment	25	10	15
Qualifications of the Applicants	5	5	5
Outreach, community involvement, and acceptance	10	25	20
Innovation	10	10	10
Benefits and costs	15	15	15

Section B: Proposal Contents

- Same as Section A projects except as noted in PSP (See PSP pg. 20 -22.)
- Describe how results will be disseminated for projects conducted exclusively in labs
- Benefits and Costs
 - **Complete Table C-1 (Budget) only**
 - **Describe potential benefits and information to be gained (See Table C-5)**
 - **Compare potential benefits to anticipated costs**
- Statement of Work, in addition to Section A
 - **Provide additional information for R&D, Training, Education/Outreach, Technical Assistance (See PSP, pg. 22.)**

Noted Changes *(from the Draft PSP)*

- 30 page limit (A-15, page 13)
- Matching funds (A-7, page 9)
- Cost and Benefits Tables (A-15i, page 16)

REMEMBER THE DATE!

JANUARY 11, 2005

3:00 PM

**MUST BE RECEIVED AT DWR
(postmarks with this date not acceptable)**

- Questions?

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