

### WaterSMART Title XVI Program, Desalination Construction Projects & Large-Scale Water Recycling Projects

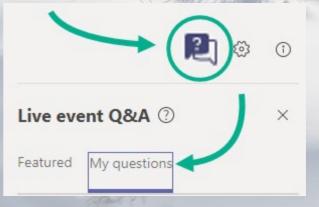
FY 2023/24 Funding Opportunities October 25, 2023

### **Getting Started**

- To watch the recording, use the same link: Join Live Teams Event
- Attendees' cameras and microphones are muted
- A copy of the slides will be available on our website:

https://www.usbr.gov/watersmart/

 Questions and comments can be posted in the Q&A icon on the bottom of the menu bar







### **Today's Agenda:**

- Overview of the *<u>Title XVI Water Reclamation</u>* and Reuse Congressionally Authorized Projects, Title XVI WIIN Act Projects, **Desalination Construction Projects, and** Large-Scale Water Recycling Funding Opportunities
- Feasibility Study Report Requirements
- Application Tips •
- Financial Assistance Information •
- Other Tools and Resources •
- Questions •

FundingOpportunity (linked to grants.gov)	Funding Opportunity Number	Federal Funding Available	Submission Deadlines
<u>Title XVI</u> <u>Congressionally</u> <u>Authorized Projects</u> <u>Title XVI WIIN Act</u> <u>Projects</u>	R23AS00463 R23AS00464	Under the two Title XVI funding opportunities, a total of \$239 million is available to local water agencies for the planning, design, and construction of water reclamation and reuse projects.	Two application submission periods under the Title XVI and Desalination funding opportunities.
Desalination Construction Projects	R23AS00465	Up to \$64 million available for projects that develop and supplement municipal and irrigation water supplies through the treatment of ocean or brackish water	Submission deadlines are December 7, 2023, and September 30, 2024
Large-Scale Water Recycling Projects	R23AS00433	Up to \$180 million for water recycling projects with total project costs exceeding \$500 million	Three application submission periods under the Large- Scale Water Recycling funding opportunity. Submission deadlines are November 21, 2023, March 29, 2024, and September 30, 2024.

### **Title XVI** Water Reclamation and Reuse Projects

**Eligible Project Types** 

 Projects that reclaim and reuse municipal, industrial, and agricultural wastewater; or impaired ground and surface waters

### Funding

- 75% non-Federal cost share required
- Up to \$30 million in Federal funding per project.

### \*Currently open on grants.gov

*\*Under the Title XVI Congressionally Authorized Projects and WIIN Act Projects funding opportunities, a total of \$239 million available* 

*\*Submission deadlines are December 7, 2023, and September 30, 2024* 



### Desalination Construction Projects Under the WIIN Act

#### **Eligible Project Types**

 Ocean or brackish water desalination projects that meet the requirements of Section 4009(a) of the WIIN Act amendments to the Desalination Act

### Funding

- 75% non-Federal cost share required
- Up to \$30 million in Federal funding per project

#### \*Currently open on grants.gov

\*Up to \$64 million available

*\*Submission deadlines are December 7, 2023, and September 30, 2024* 



### Large-Scale Water Recycling

#### **Eligible Entities**

States, Indian Tribes, municipalities, irrigation districts, wastewater districts, or other organizations with water or power delivery authority

#### **Eligible Projects**

- Reclaim and reuse municipal, industrial, domestic, or agricultural wastewater; or impaired groundwater or surface water
- Total project cost of \$500 million or more
- Located in a Reclamation state

#### Funding

• 75% non-Federal cost share required

\*Currently open on grants.gov

*\*Submission deadlines are November 21, 2023, March 29, 2024, and September 30, 2024 \*Up to \$180 million available* 



### **Evaluation Criteria**

Title XVI and Large-Scale Water Recycling

#### 1. Water Supply (35 points)

- A. Stretching Water Supplies (18 points)
  - Amount of water expected to be made available to secure and stretch reliable water supplies
- B. Contributions to Water Supply Sustainability (17 points)
  - Specific concerns the project will address
  - Drought Resiliency

#### 2. Environment and Water Quality (15 points)

- Improvements to water quality or flow conditions
- Benefits to species

#### 3. Economic Benefits (25 points)

- A. Cost Effectiveness (15 points)
  - Cost per acre-foot of water expected to be produced
  - Comparison to a non-reclaimed water alternative
- B. Economic Analysis and Project Benefits (10 points)
  - Comparison of quantified and monetized project costs and benefits
  - Qualitative discussion

#### 4. Presidential & DOI Priorities (15 points)

- Climate Change
- Tribal benefits
- Benefits to disadvantaged or underserved communities
- 5. Reclamation's Obligations and Watershed Perspective (10 points)
- A. Legal and Contractual Water Supply Obligations (5 points)
- B. Watershed Perspective (5 points)
  - Regional planning efforts
  - Collaborative partnerships
  - Public outreach



### **Evaluation Criteria**

### Title XVI and Large-Scale Water Recycling

Evaluation Criteria: Scoring Summary		Points
Evaluation Criterion 1—Water Supply		35
Evaluation Criterion 2—Environment and Water Quality		15
Evaluation Criterion 3—Economic Benefits		25
Evaluation Criterion 4 — Presidential and Department of the Interior Priorities		15
Evaluation Criterion 5— Reclamation's Obligations and Watershed Perspective		10
	Total	100

### **Desalination Construction under the WIIN Act**

Evaluation criteria: scoring summary		Points
Evaluation Criterion 1—Water Supply		33
Evaluation Criterion 2—Environment and Water Quality		15
Evaluation Criterion 3—Economic Benefits		22
Evaluation Criterion 4—Presidential and Department of the Interior Priorities		15
Evaluation Criterion 5 — Reclamation's Obligations and Watershed Perspective		10
Evaluation Criterion 6—Leveraging State Funding and Experience of International		
Partners		5
	Total	100

Water Recycling and Desalination Programs Feasibility Study Requirements:

A completed feasibility study must be submitted and found to meet all requirements of Reclamation's Directives and Standards

- WTR 11-01 Title XVI Water Reclamation and Reuse Program and Desalination Construction Program Feasibility Study <u>Review Process</u>
- <u>WTR TRMR-128: Additional requirements</u> for Large-Scale Water Recycling



### Feasibility Study Report Requirements

1) Flexibility Concerning Format

### 2) Report Contents

- 1. Introductory Information
- 2. Statement of Problems and Needs
- 3. Water Reclamation, Recycling or Desalination Opportunities
- 4. Description of Alternatives (additional requirements for large-scale projects)
- 5. Economic Analysis (additional requirements for large-scale projects
- 6. Selection of the Proposed Project
- 7. Environmental Consideration and Potential Effects
- 8. Legal and Institutional Requirements
- 9. Financial Capability of Sponsor
- 10. Research Needs
- 11. Peer review (for large-scale water recycling projects only)



### Feasibility Study Guidance for Large-Scale Water Recycling Projects

- WTR TRMR-128
- Reclamation Manual WTR 11-01, plus the following:
  - An array of project alternatives
  - Trade-off analysis on alternatives
  - Benefit-cost analysis on the alternatives
  - Technical peer review

	Directives and Standards	
	TEMPORARY RELEASE (Expires 11/03/2023)	
Subject:	Large-Scale Water Recycling Program Feasibility Study Review Process	
Purpose:	The purpose of this Temporary Reclamation Manual Release (TRMR) is to establish the requirements and review process for feasibility studies for projects funded under the Large-Scale Water Recycling Program. Through this TRMR, Reclamation also meets the requirements of Section 40905 of Pub. L. 117-58 to establish guidance for feasibility studies for the Large-Scale Water Recycling Program.	Department of the Interior
Authority:	Infrastructure Investment and Jobs Act – Title IX Western Water Infrastructure, section 40905 (Pub. L. 117-58)	Agency Specific Procedures For Implementing the Council on Environment:
Approving Official	Chief Engineer	Quality's Principles, Requirements, and Guidelin
Contact:	Water Resources and Planning Office (86-63000)	for Water and Land Related Resources
	tandard (D&S), Title XVI Water Reclamation and Reuse Program and	LENT OF
Detailmation C describes requi Title XVI Wat Construction P in WTR 11-01 additional requ the larger feder consistent with <i>Implementing</i> - Guidelines for Guidelines for 3. <b>Requirements</b> A. All require studies for 3. B, below B. In addition Federal sp	nstruction Program Feasibility Studies Nerview Process (WTR 11-01), ements and the review process for feasibility studies conducted under the r Rechamation and Reuse (Title XVI) Program and the Desalination orgam. This TRMR incorporates the requirements and procedures set forth for Large-Scale Water Recycling feasibility studies due to al investment in those projects. Requirements scalabilishes rements specific to Large-Scale Water Recycling feasibility and the Department of the Interior's Agency Specific Proceedures For Mer Council on Environmental Quality's Principles, Requirements, and Water and Land Related Resource Implementation Studies (707 DM 1). This TRMR applies to all Reclamation employees involved in the review of es for the Large-Scale Water Recycling Program. For Feasibility studies for the Large-Scale Water Recycling Program. ments for feasibility studies under WTR 11-01 are applicable to feasibility to requirements set forth in WTR 11-01, Reclamation requires that non- mons of Large-Scale Water Recycling program.	707 DM 1 Handbook
Detailnation C describes requi Title XVI Wat Construction P in WTR 11-01 additional requ the larger feder consistent with Implementing i Guidelines for 2. Applicability, feasibility stud 3. Requirements A. All requir studies for 3. B, below B. In addition	nstruction Program Feasibility Studies Nerview Process (WTR 11-01), ements and the review process for feasibility studies conducted under the r Rechamation and Reuse (Title XVI) Program and the Desalination orgam. This TRMR incorporates the requirements and procedures set forth for Large-Scale Water Recycling feasibility studies due to al investment in those projects. Requirements scalabilishes rements specific to Large-Scale Water Recycling feasibility and the Department of the Interior's Agency Specific Proceedures For Mer Council on Environmental Quality's Principles, Requirements, and Water and Land Related Resource Implementation Studies (707 DM 1). This TRMR applies to all Reclamation employees involved in the review of es for the Large-Scale Water Recycling Program. For Feasibility studies for the Large-Scale Water Recycling Program. ments for feasibility studies under WTR 11-01 are applicable to feasibility to requirements set forth in WTR 11-01, Reclamation requires that non- mons of Large-Scale Water Recycling program.	707 DM 1 Handbook November 10, 2015
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### WTR TRMR-128 (usbr.gov)



### — BUREAU OF — RECLAMATION

### WaterSMART Application Tips

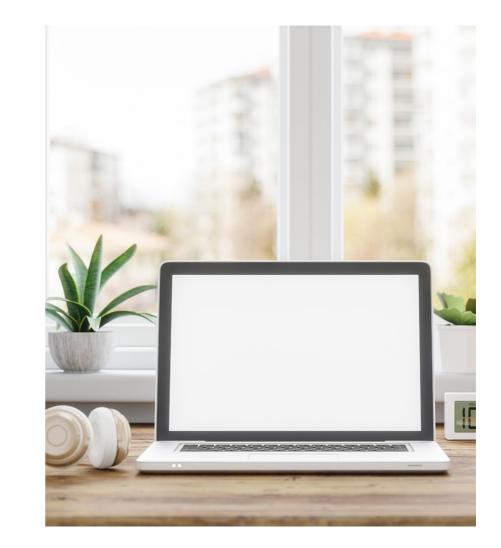
### **Application Tips** General Considerations

- Important: Read everything in the NOFO!
  - Ask questions if something does not make sense.
- Give yourself plenty of time to write and submit the proposal.
- Do not assume the Application Review Committee knows you.
  - Committee is comprised of Reclamation staff from throughout the Western states.
- If your application is not awarded, ask for a debriefing to help prepare a better proposal next year.



### **Application Tips** Evaluation Criteria

- Make sure you respond to every criterion and every sub-criterion
- Your responses should:
  - Directly respond to the criterion We recommend you copy and paste the criteria directly into your proposal and place your response immediately below each criterion/sub-criterion
  - Provide support in the form of quantification or citations to reference documents
  - Make the case for how your project meets the criterion – general statements without explanation or support will not score well
- <u>Application Tip</u>: Well-supported responses to the evaluation criteria are the key to writing a competitive proposal





### Application Tips Calculating Cost Share

Funding Source	Funding Amount	Percent of total project cost
Costs to be reimbursed with the requested Federal funding	\$3 million	25%
Costs to be paid by the applicant, including any third- party contributions	\$9 million	75%
TOTAL PROJECT COST	\$12 million	100%



### **Application Tips**

**Environmental and Cultural Resource Compliance** 

- All projects funded through WaterSMART funding opportunities must comply with Federal environmental and cultural resources laws and regulations. Reclamation regional and area office staff will ensure compliance. This compliance must occur prior to any ground-disturbing activities taking place.
- We highly recommend you discuss your project with compliance staff at your local Reclamation regional or area office. If you are uncertain who to contact, please contact the Program Coordinator identified in Section G of the funding opportunity.





### WaterSMART Financial Assistance Requirements

### Financial Assistance (FA) Office

Primary Role of the FA Office

- Answer questions about financial assistance requirements during the application process
- Conduct Initial Screening and remove applications that do not meet the completeness, eligibility and timeliness for submission requirements of the NOFO.
- Notify Applicants of Application status based on the contact information provided on the SF-424 Form



### Before you Begin

Register in SAM.gov

### Account Set Up

- "Sign Up" in Sam.gov (Login.gov)
- Obtain a Unique Entity Identifier (UEI)
- <u>Register Entity in SAM.gov</u>
- Entity Registration Checklist
- If you have difficulties document communications with help desk.
- Include communications with your application

NOTE: For all new registrants, creating the account with SAM.gov may take up to several weeks for the account to be approved and considered as ACTIVE!





### **Before you Begin**

### **Register in Grants.gov**

- Grant Applicants | GRANTS.GOV •
- Applicant Registration | GRANTS.GOV •



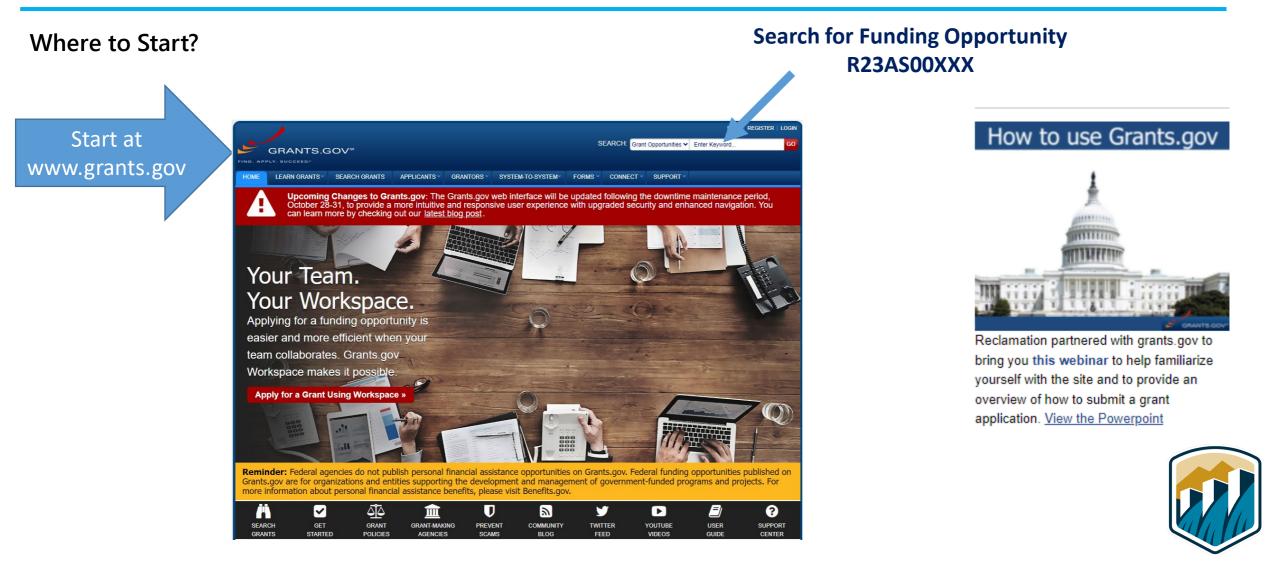
COMMUNITY: USA.gov | WhiteHouse.gov | USAspending.gov | SBA.gov | SAM.gov | Report Fraud





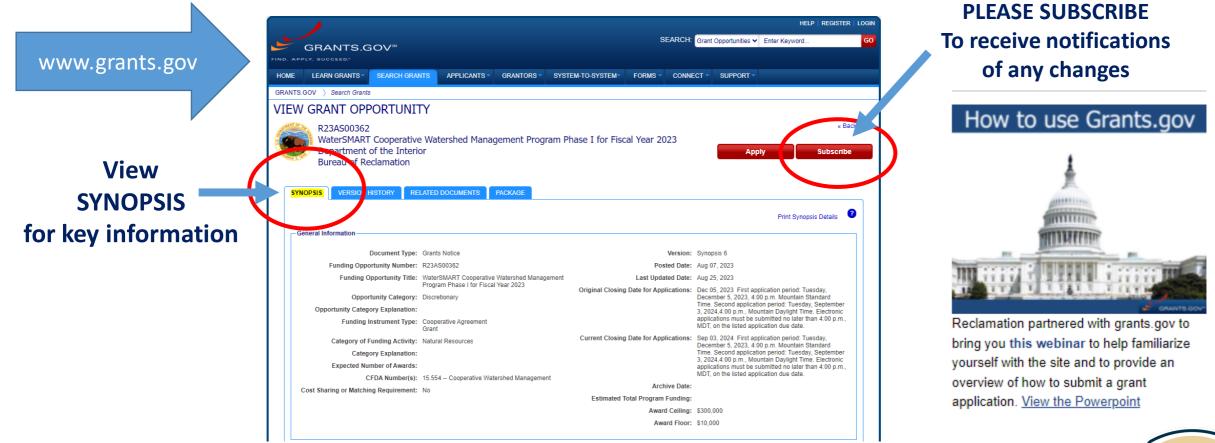
### How to Apply

#### Reference: R23AS00362 CWMP Phase I R23AS00106 AERP



### **View Grant Opportunity**

#### Reference: R23AS00362 CWMP Phase I R23AS00106 AERP





### **View Grant Opportunity**

#### Reference: R23AS00362 CWMP Phase I R23AS00106 AERP

www.grants.gov

View VERSION HISTORY for older Versions and Modifications

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Reclamation partnered with grants.gov to bring you this webinar to help familiarize yourself with the site and to provide an overview of how to submit a grant application. <u>View the Powerpoint</u>



WaterSMART Aqu Department of the Bureau of Reclar	ne Interior	Projects for Fiscal Year 2023 Apply Subscribe
SYNOPSIS VERSION HISTO	RY RELATED DOCUMENTS	PACKAGE
Notification History:	Date	Modification Description
-	Date Aug 02, 2023	
Type Related Documents		Modification Description The following updates have been made to the NOFO. See attachment. • Title change • Removed column in Application Checklist • Adds BIL Authority • A.4. Updated Planning Program Description • B.6. Updated Technical Assistance • C.4.1.1 Permits are not an allowable activity • C.4.2. Updated Construction start date • C.5 Updated Ineligible studies • C.5.1. Inserted Small Surface Water Storage Projects • F.2.2 Environmental costs considered project costs removed • F.2.8.2
Туре	Aug 02, 2023	Modification Description       The following updates have been made to the NOFO. See attachment. • Title change • Removed column in Application       Checklist • Adds BIL Authority • A.4. Updated Planning Program Description • B.6. Updated Technical Assistance • C.4.1.1       Permits are not an allowable activity • C.4.2. Updated Construction start date • C.5 Updated Ineligible studies • C.5.1.       Inserted Small Surface Water Storage Projects • F.2.2 Environmental costs considered project costs removed • F.2.8.2       Added Cost Share/Match Waiver for Insular Areas

#### Click on the following file link(s) to download the related document(s):

File Description	File Name	Last Updated Date/Time	File Size
Folder: Full Announcement - Full Announcement	R23AS00106-Full Announcement - Full Announcement.zip	Aug 02, 2023 05:27:31 PM EDT	957.2 KB
AERP_NOFO_FY23_rev4_07.31.2023_re_Policy	AERP_NOFO_FY23_rev4_07.31.2023_re_Policy.pdf	Aug 02, 2023 05:27:31 PM EDT	973.6 KB
Folder: Other Supporting Documents - Other Supporting Documents	R23AS00106-Other Supporting Documents - Other Supporting Documents.zip	Aug 03, 2023 10:53:42 AM EDT	295.9 KB
Attachment A - Budget Detail and Narrative template.xlsx	Attachment A - Budget Detail and Narrative template.xlsx	Mar 14, 2023 03:38:55 PM EDT	83.4 KB
Attachment B - Budget Narrative Guidance.pdf	Attachment B - Budget Narrative Guidance.pdf	Mar 14, 2023 03:39:19 PM EDT	232.1 KB
Folder: Other Supporting Documents - Policy Approval	R23AS00106-Other Supporting Documents - Policy Approval.zip	May 01, 2023 06:00:34 PM EDT	27.0 KB
FAQ's based on questions received during the AERP Webinar, and in calls and emails.	AERP - FAQs for Website- 508.docx	May 01, 2023 06:02:25 PM EDT	32.5 KB



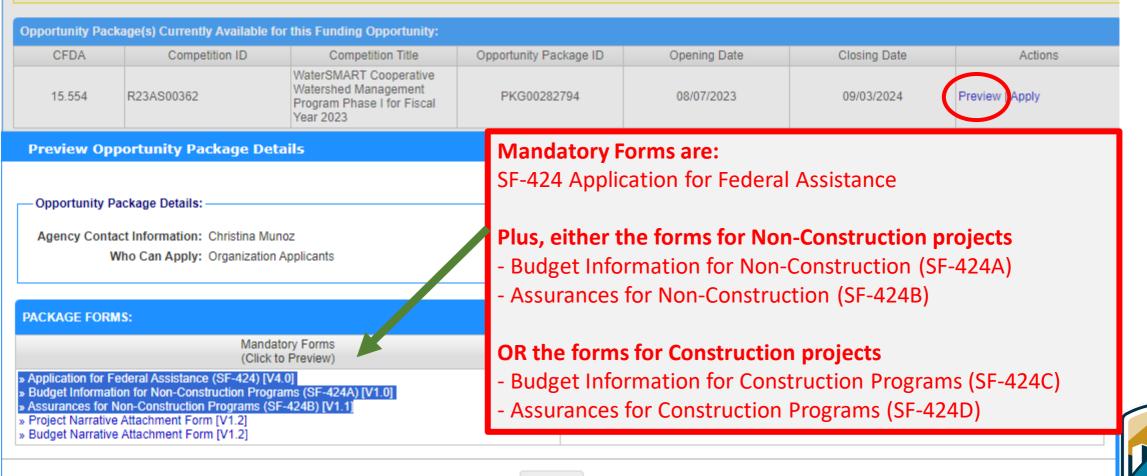
SYNOPSIS VERSION HISTORY RELATED DOCUMENTS

Select Grant Opportunity Package

#### PLEASE READ BEFORE APPLYING!

If you view and complete your application package using Grants.gov downloadable PDF forms, you MUST have Adobe Reader installed. You may receive a validation error using incompatible versions of Adobe Reader. To prevent a validation error, it is now recommended you uninstall any earlier versions of Adobe Reader and install the latest compatible version of Adobe Reader. If more than one person is working on the PDF forms, ALL applicants must be using the same Adobe Reader version. Click for more information on Adobe Reader Compatibility.

PACKAGE



Print Package List

### **Preparing your budget** Budget Narrative is Required

- There is No Required Format
- We Recommend using

**OR/AND** 

Attachment A – Budget Detail and Narrative Excel (seen in picture)

 You budget must address the Total Project Cost, which is the cost for BOTH for Federal and Nonfederal expenditures.

#### 6a. Personnel

This category includes salaries and wages of employees of the applicant organization that will be working directly on the project. Generally, salaries of administrative and/or clerical personnel are classified as indirect or overhead costs in your organization's accounting system included as a portion of the stated indirect costs. If these salaries can be adequately documented as direct costs, they can be included in this section; however, a justification must be included in the narrative. Recommend reviewing § 200.430 Compensation - personal services for more information on the specific requirements regarding compensation costs, including the Standards for Documentation of Personnel Expenses at §200.430(i).

Narrative: For key personnel such as the project manager or principal investigator, identify the name individual and position/title. Other personnel should be identified by position only. For all positions, identify the project tasks that will be performed. Compensation rates can be expressed as hourly rates and number of hours or annual salary and percentage effort that will be contributed to each task, but must be consistent with your organization's accounting and timekeeping policies. Include estimated hours for compliance with reporting requirements, including the final project report and evaluation. For multi-year projects, identify the level of effort anticipated for each budget year and any estimates increases in compensation rates. Within the budget narrative, provide a certification that the labor rates included in the budget proposal represent the actual labor rates of the identified personnel/positions and are consistenty applied to Federal and non-Federal activities. *Note: The annual/hourly labor rate must not include fringe benefits.* 

Links:	§ 200.430 Compensation - person		al services.								
Personnel											
Position Title	Time (Hrs or %)	Rate (Hr or Salary)	Total Cost	Rate	Basis	Comments (as needed)					
EXAMPLE!!! Sr. Engineer Y1	400	\$46	\$18,400	Current Salary		hourly rate based o	n average r	ate for all pe	rsonnel occ	cupying thi	s position
EXAMPLE!!! Sr. Engineer Y2	400	\$48	\$19,000	Current Salary	+ 3% increase	Increase based on the average annual increase for all personnel occup position			occupying this		
			\$0								
			\$0								
			\$0								
			\$0								
			\$0								
			\$0								
			\$0								
		Total	\$0								



Attachment B – Budget Narrative Guidance

### Application Tips Before you Submit

Verify that your Application is Complete!

- SAM.gov Registration is ACTIVE
- Grants.gov Registration account set up
- SF-424 (remember signature)
- SF-424A and SF-424C (Non-Construction projects)
- SF-424B and SF-424D (Construction projects)
- Technical Proposal (<u>» Project Narrative Attachment Form [V1.2]</u>)
- Budget Narrative (<u>» Budget Narrative Attachment Form [V1.2]</u> Budget Narrative or Budget Detail and Narrative Excel)





### Financial Assistance – First Level Screening

- All application packages will be screened to ensure:
  - •The applicant meets the completeness, eligibility, and timeliness requirements
  - •The applicant meets the Unique Entity Identifier (UEI) and SAM registration requirements
  - •The application meets the content requirements
  - The application contains completed mandatory forms



### **Financial Assistance – Selection Notification**

- Once Initial screening is complete,
  - Ineligible applicants will be notified by the Grants Officer, and
  - Eligible applicants will move on to the Merit Review
- All successful applications will be notified by the Grants Officer of selection.
- The Financial Assistance Office will reach out to the applicant regarding next steps for entering a Financial Assistance award.





## 

For Questions relating to the Application Process, SF-424 and Application Forms, Grants.gov, and SAM Registration, please reach out to the Reclamation Financial Assistance Contact:

Ms. Chandrika Nasstrom / Grants Management Specialist <u>cnasstrom@usbr.gov</u>

> Mrs. Diana Blake, Grants Officer <u>dmblake@usbr.gov</u>



# BUREAU OF RECLAMATION

# Additional Opportunities, Tools and Resources

### Water Recycling and Desalination Planning:

- Funding available for potential new Title XVI projects, Desalination Construction projects, and Large-Scale Water Recycling projects
- Eligible Applicants:
  - Local water agencies that are sponsors of water recycling or desalination projects
  - Located in a Reclamation state, or Hawaii
- Eligible Project Activities:
  - Development of new water recycling and desalination feasibility studies
  - Preparation of preliminary project cost estimates
  - Design activities
  - Environmental and cultural resource compliance activities



Notice of Funding Opportunity No. R23AS00076

### WaterSMART: Water Recycling and Desalination Planning



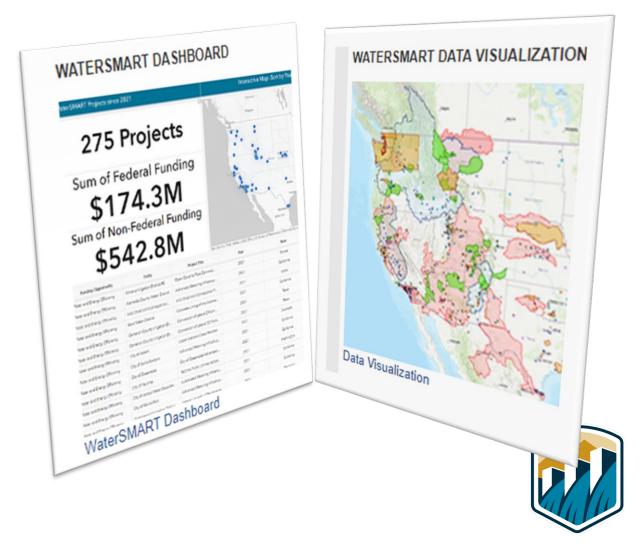
U.S. Department of the Interior



### WaterSMART Program Resources

- WaterSMART Program Website: <u>https://www.usbr.gov/watersmart</u>
  - Previously funded applications for all programs
  - Interactive Data Visualization Tool
  - WaterSMART Dashboard
  - WaterSMART mailing list
  - Recent announcements
  - Funding opportunity calendar





#### Reclamation / WaterSMART

#### WATERSMART

#### Water SMART

#### Contacts

Water and Energy Efficiency Grants

Water Marketing Strategy Grants

Small-Scale Water Efficiency Projects

Environmental Water Resources Projects

Title XVI

Desalination

**Basin Studies** 

Baseline Assessments and Pilots

Reservoir Operation Pilots

Applied Science Grants

Cooperative Watershed Management Program

#### WaterSMART

The American West faces serious water challenges. Wide-spread drought, increased populations, aging infrastructure, and environmental requirements all strain existing water and hydropower resources. Adequate and safe water supplies are fundamental to the health, economy, and security of the country. Through WaterSMART, Reclamation will continue to work cooperatively with states, tribes and local entities as they plan for and implement actions to increase water supply through investments to modernize existing infrastructure and avoid potential water conflicts.

#### Join the WaterSMART Mailing List

You may complete this **form** to receive WaterSMART program notification from the Bureau of Reclamation.

#### WaterSMART Project Selections Overview

Since January 2021, Reclamation has selected 255 projects to be funded with \$ million in WaterSMART funding, in conjunction with \$314.3 million in non-Federa funding, across the western states.



OPEN FUNDING OPPORTUNITIES None at this time

#### FUNDING OPPORTUNITY CALENDAR



Click here to view a detailed status of all current and upcoming WaterSMART funding opportunities.

#### WEBINAR

GRANTS.GOV\*

Reclamation partnered with grants.gov to

webinar to help familiarize

e site and to provide an

w to submit a grant

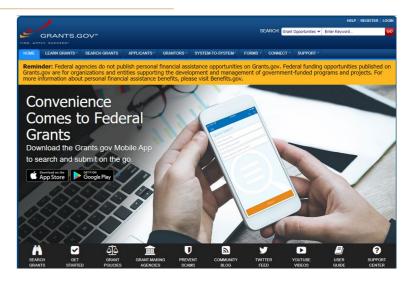
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### WaterSMART Program Resources

### Additional Resources

- All open Funding Opportunities can be found at: <u>www.grants.gov</u>
  - General guide on how to submit a grant application on Grants.Gov located on WaterSMART website.
- Climate Mapping and Resilience and Adaptation: <u>https://resilience.climate.gov/</u>
- Climate and Economic Justice Screening Tool: <u>https://screeningtool.geoplatform.gov/en/#3/33.47/-97.5</u>



#### FUNDING OPPORTUNITY CALENDAR



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#### WEBINAR

#### GRANTS.GOV

Reclamation partnered with grants.gov to bring you **this webinar** to help familiarize yourself with the site and to provide an overview of how to submit a grant application. <u>View the Powerpoint</u>





### Water Resources & Planning Office Water Recycling and Desalination Construction

Ms. Maribeth Menendez <u>mmenendez@usbr.gov</u> (303) 445-2094

Ms. Brandi Worthington broseworthington@usbr.gov (801) 524-3639



# 

# Questions?

# Please use the Q&A Function to ask us your questions.