

United States Bureau of Reclamation  
Department of the Interior

R-DO - Reclamation – Denver and Washington Offices



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**A. Program Description**

**A1. Authority**

This Notice of Funding Opportunity (NOFO) is issued under the authority of the Reclamation Act of 1902, Sec.1 and Sec.2, and the Omnibus Public Land Management Act of 2009, Public Law (P.L.) 111- 11, §9509, Research Agreement Authority.

**Catalog of Federal Domestic Assistance (CFDA) Number**  
15.560,15.506

**A2. Background, Purpose and Program Requirements**

The United States Department of the Interior (Department), Bureau of Reclamation’s (Reclamation) Desalination and Water Purification Research Program (DWPR) works with Reclamation researchers and partners to develop innovative, cost-effective, and technologically efficient ways to desalinate and treat water.

DWPR funding plays a critical role in iterating an idea from the lab to a real-world demonstration, yielding products that serve the water treatment community and attract commercialization interest. Reclamation is interested in research where the benefits are widespread but where private-sector entities are not able to make the full investment and assume all the risks. Reclamation is also interested in research that has a national significance—where the issues are of large-scale concern and the benefits accrue to a large sector of the public.

The goal of the DWPR program is to address the need to reduce the costs, energy requirements, and environmental impacts of treating impaired and unusable water. DWPR program activities further support multiple related initiatives related to the Water Subcabinet such as the Water Reuse Action Plan and Water Security Grand Challenge. The program also aligns with Executive Order 14008, “Tackling the Climate Crisis at Home and Abroad,” by investing in development and application of advanced water treatment technologies that expand access to otherwise unusable water resources, thereby increasing water supply flexibility under the risks of long-term climate change and shorter-term drought.

For further information on the DWPR Program, see [www.usbr.gov/research/dwpr](http://www.usbr.gov/research/dwpr).

**B. Federal Award Information**

## **B1. Total Funding**

Estimate contingent upon final Congressional appropriations

### **Estimated Total Funding**

\$2,000,000

## **B2. Expected Award Amount**

### **Maximum Award**

\$300,000

### **Minimum Award**

\$0

## **B3. Anticipated Award Funding and Dates**

### **Anticipated Award Date**

March 29, 2024

### **Anticipated Project Completion Date**

09/30/2025

## **B4. Number of Awards**

### **Anticipated Number of Awards**

8

## **B5. Type of Award**

### **Funding Instrument Type**

G - Grant

CA - Cooperative Agreement

## **C. Eligibility Information**

### **C1. Eligible Applicants**

#### **Eligible Applicants**

00 – State governments

01 – County governments

02 – City or township governments

- 04 – Special district governments
- 07 – Native American tribal governments (Federally recognized)
- 11 – Native American tribal organizations (other than Federally recognized tribal governments)
- 12 – Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education
- 13 – Nonprofits without 501(c)(3) status with the IRS, other than institutions of higher education
- 20 – Private institutions of higher education
- 21 – Individuals
- 22 – For profit organization other than small businesses
- 23 – Small businesses
- 25 – Others (see text field entitled “Additional Information on Eligibility” for clarification)

**Additional Information on Eligibility**

Foreign entities are not eligible for funding under the authorizing legislation for this program. Federal agencies are not eligible to apply.

**C2. Cost Sharing or Matching**

**Cost Sharing / Matching Requirement**

No

**C3. Other**

**Excluded Parties:** Reclamation conducts a review of the SAM.gov Exclusions database for all applicant entities and their project personnel prior to award. Reclamation cannot award funds to entities or their key project personnel identified in the SAM.gov Exclusions database as ineligible, prohibited/restricted or otherwise excluded from receiving Federal contracts, certain subcontracts, and certain Federal assistance and benefits, as their ineligibility condition applies to this Federal program.

**C4. Eligible Project Types**

**D. Application and Submission Information**

**D1. Address to Request Application Package**

**D2. Content and Form of Application Submission**

**1. SF-424, Application for Federal Assistance**

Applicants must submit the appropriate Standard Form (SF)-424, Application for Federal Assistance. The required application forms are available with this announcement on

Grants.gov. The SF-424, Application for Federal Assistance must be complete, signed, and dated. Do not include any proprietary or personally identifiable information. Please note: Enter only the amount requested from this Federal program in the “Federal” funding box on the SF-424 Application form. Include any other Federal sources of funding in the “Other” box and provide details on those Federal source(s) and funding amount(s) in the required Budget Narrative (see the “Budget Narrative” section below).

Any applicant organization that has not completed the financial assistance certifications and representations within their SAM.gov registration must submit the appropriate signed and dated Assurances form. All of the required application forms are available with this announcement on Grants.gov.

### **Project Narrative**

Applicants must submit the appropriate SF-424 Budget Information form and Budget Narrative. For non-construction programs or projects, applicants must complete and submit the SF-424A, “Budget Information for Non-Construction Programs” form. All of the required application forms are available with this announcement on Grants.gov. Federal award recipients and subrecipients are subject to Federal award cost principles in 2 CFR 200.

### **Detailed Budget Narrative**

#### **Conflict of Interest Disclosure**

Per the Financial Assistance Interior Regulation (FAIR), [2 CFR §1402.112](#), applicants must state in their application if any actual or potential conflict of interest exists at the time of submission.

#### *(a) Applicability.*

(1) This section intends to ensure that non-Federal entities and their employees take appropriate steps to avoid conflicts of interest in their responsibilities under or with respect to Federal financial assistance agreements.

(2) In the procurement of supplies, equipment, construction, and services by recipients and by subrecipients, the conflict of interest provisions in 2 CFR 200.318 apply.

#### *(b) Notification.*

(1) Non-Federal entities, including applicants for financial assistance awards, must disclose in writing any conflict of interest to the DOI awarding agency or pass-through entity in accordance with 2 CFR 200.112.

(2) Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest. The recipient is responsible for notifying the Financial Assistance Officer in writing of any conflicts of interest that may arise during the life of the award, including those that have been reported by subrecipients.

*(c) Restrictions on lobbying.* Non-Federal entities are strictly prohibited from using funds under a grant or cooperative agreement for lobbying activities and must provide the required certifications and disclosures pursuant to 43 CFR part 18 and 31 U.S.C. 1352.

*(d) Review procedures.* The Financial Assistance Officer will examine each conflict of interest disclosure on the basis of its particular facts and the nature of the proposed grant or cooperative agreement, and will determine whether a significant potential conflict exists and, if it does, develop an appropriate means for resolving it.

(e) Enforcement. Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award. Failure to make required disclosures may result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (see also 2 CFR part 180).

### **Single Audit Reporting Statement**

All U.S. states, local governments, federally recognized Indian tribal governments, and non-profit organizations expending \$750,000 USD or more in Federal award funds in the applicant's fiscal year must submit a Single Audit report for that year through the [Federal Audit Clearinghouse's Internet Data Entry System](#). U.S. state, local government, federally recognized Indian tribal government, and non-profit applicants must state if your organization was or was not required to submit a Single Audit report for the most recently closed fiscal year. If your organization was required to submit a Single Audit report for the most recently closed fiscal year, provide the EIN associated with that report and state if it is available through the [Federal Audit Clearinghouse](#) website.

### **Certification Regarding Lobbying**

Applicants requesting more than \$100,000 in Federal funding must certify to the statements in [43 CFR Part 18, Appendix A-Certification Regarding Lobbying](#). If this application requests more than \$100,000 in Federal funds, the Authorized Official's signature on the appropriate SF-424, Application for Federal Assistance form also represents the entity's certification of the statements in 43 CFR Part 18, Appendix A.

### **Overlap or Duplication of Effort Statement**

## **D3. Unique Entity Identifier and System for Award Management (SAM)**

**Identifier and System for Award Management (SAM.gov) Registration:** This requirement does not apply to individuals applying for funds as an individual (i.e., unrelated to any business or nonprofit organization you may own, operate, or work within), or any entity with an exception to bypass SAM.gov registration with prior approval from the funding bureau or office in accordance with bureau or office policy. All other applicants are required to register in SAM.gov prior to submitting a Federal award application and obtain a [Unique Entity Identifier \(UEI\)](#) which replaces the Data Universal Numbering System (DUNS) number from Dun & Bradstreet in April 2022. A Federal award may not be made to an applicant that has not completed the SAM.gov registration. If an applicant selected for funding has not completed their SAM.gov registration by the time the program is ready to make an award, the program may determine the applicant is not qualified to receive an award. Federal award recipients must also continue to maintain an active SAM.gov registration with current information through the life of their Federal award(s).

### **Register with the System for Award Management (SAM)**

Applicants can register on the [SAM.gov](#) website. The "Help" tab on the website contains User Guides and other information to assist you with registration. The Grants.gov "[Register with SAM](#)" page also provides detailed instructions. Applicants can contact the supporting Federal Service Desk for help registering in SAM. Once registered in SAM, entities will be assigned a Unique Entity Identifier (UEI). Entities must renew and revalidate their SAM registration at least

once every 12 months from the date previously registered. Entities are strongly encouraged to revalidate their registration as often as needed to ensure their information is up to date and reflects changes that may have been made to the entity's IRS information. There is no cost to register with SAM.gov. There are third-party vendors who will charge a fee in exchange for registering entities with SAM.gov; please be aware you can register and request help for free. If applicable, foreign entities who want to receive payment directly to a U.S. bank account must enter and maintain valid, current banking information in SAM.

#### **D4. Submission Dates and Times**

##### **Due Date for Applications**

06/20/2023

##### **Application Due Date Explanation**

Electronically submitted applications must be submitted no later than June 20, 2023, 4:00 p.m., Mountain Daylight Time.

#### **D5. Intergovernmental Review**

Prior to application submission, U.S. state and local government applicants should visit the [OMB Office of Federal Financial Management website](#) and view the "State Point of Contact (SPOC) List" to determine whether their application is subject to the state intergovernmental review process under Executive Order (E.O.) 12372 "Intergovernmental Review of Federal Programs." States not on the list do not participate in the intergovernmental review process, and therefore do not have a SPOC. If you are located within a State that does not have a SPOC, you may send application materials directly to a Federal awarding agency. If your state is on the list, contact the designated entity for more information on the state's prior review requirements for Federal assistance applications.

#### **D6. Funding Restrictions**

**Indirect Costs: Individuals**

**Indirect Costs: Organizations**

#### **D7. Other Submission Requirements**

### **E. Application Review Information**

#### **E1. Criteria**



**Impact of the proposed work****Maximum Points: 25**

Description		Weight XX%
Title	Specific Details	
Secretary of the Interior Priorities	Identify which of the Secretary of the Interior priorities, noted in Section A, Program Description, your project aligns with, and provide detail as to how your project meets the priorities.	

**Familiarity in the field of work****Maximum Points: 15**

Description		Weight XX%
Title	Specific Details	

**Innovation****Maximum Points: 15**

Description		Weight XX%
Title	Specific Details	

**Project readiness****Maximum Points: 15**

Risk Evaluation	Weight XX%	
Risks posed by Applicants	If an applicant's evaluation of risk will be considered in the review process (as opposed to being reviewed after selection), address how it will be considered (e.g., assign a certain number of additional points to applicants who have low, medium, or high risk).	

**Schedule and Quality Assurance/Quality Control****Maximum Points: 10****Alignment with NOFO objectives****Maximum Points: 10****Non-federal cost share****Maximum Points: 10****E2. Review and Selection Process****E3. CFR – Regulatory Information****E4. Anticipated Announcement and Federal Award Dates****F. Federal Award Administration Information****F1. Federal Award Notices**

## F2. Administrative and National Policy Requirements

See the “[DOI Standard Terms and Conditions](#)” for the administrative and national policy requirements applicable to DOI awards.

### Data Availability

Per the Financial Assistance Interior Regulation (FAIR), [2 CFR §1402.315](#):

(a) All data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, valuation products or other scientific assessments in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual, resulting from a financial assistance agreement is available for use by the Department of the Interior, including being available in a manner that is sufficient for independent verification.

(b) The Federal Government has the right to:

(1) Obtain, reproduce, publish, or otherwise use the data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, or other scientific assessments, produced under a Federal award; and

(2) Authorize others to receive, reproduce, publish, or otherwise use such data, methodology, factual inputs, models, analyses, technical information, reports, conclusions, or other scientific assessments, for Federal purposes, including to allow for meaningful third-party evaluation.

## F3. Reporting

### Financial Reports

All recipients must use the [SF-425, Federal Financial Report](#) form for financial reporting. At a minimum, all recipients must submit a **final** financial report. Final reports are due no later than 90 calendar days after the award period of performance end date or termination date. For awards with periods of performance longer than 12 months, recipients are required to submit **interim** financial reports on the frequency established in the Notice of Award.

### Performance Reports

Performance reports must contain a comparison of actual accomplishments with the established goals and objectives of the award; a description of reasons why established goals were not met, if appropriate; and any other pertinent information relevant to the project results. Final reports are due no later than 90 calendar days after the award period of performance end date or termination date. For awards with periods of performance longer than 12 months, recipients are required to submit **interim** financial reports on the frequency established in the Notice of Award.

### Real Property Reports

Recipients and subrecipients are required to submit status reports on the status of real property acquired under the award in which the Federal government retains an interest. The required frequency of these reports will depend on the anticipated length of the Federal interest period. Reclamation will include recipient-specific real property reporting requirements,

including the required data elements, reporting frequency, and report due dates, in the Notice of Award when applicable.

### **Conflict of Interest Disclosures**

Recipients must notify the program immediately in writing of any conflict of interest that arise during the life of their Federal award, including those reported to them by any subrecipient under the award. Recipients must notify the program in writing if any employees, including subrecipient and contractor personnel, are related to, married to, or have a close personal relationship with any Federal employee in the Federal funding program or who otherwise may have been involved in the review and selection of the award. The term employee means any individual engaged in the performance of work pursuant to the Federal award. Recipients may not have a former Federal employee as a key project official, or in any other substantial role related to their award, whose participation put them out of compliance with the legal authorities addressing post-Government employment restrictions. See the [U.S. Office of Government Ethics website](#) for more information on these restrictions. Reclamation will examine each conflict of interest disclosure based on its particular facts and the nature of the project and will determine if a significant potential conflict exists. If it does, Reclamation will work with the recipient to determine an appropriate resolution. Failure to disclose and resolve conflicts of interest in a manner that satisfies Reclamation may result in any of the remedies described in 2 CFR 200.338 Remedies for Noncompliance, including termination of the award.

### **Other Mandatory Disclosures**

The Non-Federal entity or applicant for a Federal award must disclose, in a timely manner, in writing to the Federal awarding agency or pass-through entity all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Non-Federal entities that receive a Federal award including the terms and conditions outlined in 2 CFR 200, Appendix XII—Award Term and Condition for Recipient Integrity and Performance Matters are required to report certain civil, criminal, or administrative proceedings to SAM. Failure to make required disclosures can result in any of the remedies described in 2 CFR 200.338 Remedies for Noncompliance, including suspension or debarment.

### **Reporting Matters Related to Recipient Integrity and Performance**

If the total value of your currently active grants, cooperative agreements, and procurement contracts from all Federal awarding agencies exceeds \$10,000,000 for any period of time during the period of performance of this Federal award, then you as the recipient during that period of time must maintain the currency of information reported to the System for Award Management (SAM) that is made available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)) about civil, criminal, or administrative proceedings in accordance with Appendix XII to 2 CFR 200.

## **G. Federal Awarding Agency Contact(s)**

### **G1. Program Technical Contact**

For **programmatic technical assistance**, contact:

First Name:  
Andrew  
Last Name:  
Tiffenbach  
Address:  
Telephone:  
303-445-2393  
Email:

dwpr@usbr.gov

## **G2. Financial Assistance Administrative Contact**

For **financial assistance administrative assistance**, contact:

First Name:  
Christina  
Last Name:  
Munoz  
Address:  
Telephone:  
720-614-2192  
Email:  
bor-sha-fafoa@usbr.gov

## **G3. Application System Technical Support**

For **Grants.gov technical registration and submission, downloading forms and application packages**, contact:

Name:  
Grants.gov Customer Support  
Telephone:  
1-800-518-4726  
Email:  
Support@grants.gov

## **H. Other Information**