



— BUREAU OF —
RECLAMATION

DWPR – Pitch to Pilot Funding Opportunity

Fiscal Year 2020

Funding Opportunity

- Desalination and Water Purification Research (DWPR) Program
- Pitch to Pilot funding opportunity announcement
- Information and application available on www.grants.gov



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Desalination and Water Purification Research Program Pitch to Pilot for Fiscal Year 2020

Funding Opportunity Announcement No. BOR-DO-20-F014



General Information

- 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
- The goal of the Pitch to Pilot funding opportunity is to aid in the development of innovative and disruptive new technologies or processes at the pilot scale level



Objectives

- Treat brackish groundwater in a less energy-intensive way than current processes and technologies
- Manage reverse osmosis/nanofiltration concentrate by reducing cost, energy, and/or environmental impacts
- Improve efficiency of water treatment processes – either by improvements to pretreatment, post-treatment, monitoring, sensors, or other innovative process/technology



Objectives (cont'd)

- To address costs, energy usage, and/or environmental impacts of seawater desalination, including intakes and/or outfalls
- Reduce the costs, energy requirements, and/or environmental impacts of treating impaired and unusable water to standards necessary for an identified beneficial use



Funding

- Total of up to \$150,000
- 18-month project
- Funds will be available for each agreement to design, construct the pilot unit, install, and test at an already known location with real water OR at a Reclamation research facility
 - Brackish Groundwater National Desalination Research Facility (BGNDRF)
 - Alamogordo, NM
 - Water Quality Improvement Center (WQIC)
 - Yuma, AZ



Eligibility and Requirements

- Eligible Applicants

- Entrepreneurs/Individuals
- Institutions of higher education
- Profit organizations
- State and local governmental entities
- Non-profit organizations
- Federally-funded R&D centers
- Indian tribal governments and organizations

- Requirements

- Non-Federal cost share is not required but highly encouraged
- Application shall be limited to a maximum of 8 pages
- Evaluation criteria must be addressed
- Submit by deadline
 - **Wednesday June 17, 2020 at 4pm Mountain Daylight Time**



Evaluation Criteria

Evaluation Criteria: Scoring Summary	Points
A. Impact of the proposed work	25
B. Alignment with Department and Reclamation Priorities	10
C. Demonstrate familiarity in the field of work	15
D. Relationship to DWPR objectives	10
E. Innovation and disruptiveness of the project	15
F. Readiness level	15
G. Adequacy, completeness, and realism of schedule	5
H. QA/QC Plan	5
I. Non-Federal cost share	10
Total	110

- **Section E. Application Review Information of the Funding Opportunity Announcement**
 - Make sure all criteria is addressed
 - **I. Non-Federal cost share**
 - This is not required but if non-federal cost share is provided additional points will be provided (Section E.1.9.)



Review and Selection Process

Initial Screening

- Met eligibility
- Application moved to Phase I review
- If not met, will be notified

Phase I

- Applications are reviewed by committee
- Notification in July 2020 if application moved to Phase II review
- If not selected for Phase II, applicant will be notified

Phase II

- In person pitches are scheduled to be held at Reclamation facility*
- September 2020
- Recommendations for awarding are prepared

*Phase II might be conducted virtually if needed subject to travel restrictions and developments associated with the COVID-19 pandemic



Review and Selection Process

Red-Flag Review

- Recommended awards go through Reclamation's red-flag review
- October 2020

Pre-Award Clearance and Approval

- Recommended awards go through pre-award clearance and final approvals
- October – December 2020

Awards and Announcements

- Applicants receiving funding will receive notification – January 2020
- Applicants not selected will also receive notification at the same time



Summary

- Funding opportunity seeking innovative or disruptive technologies or processes in water treatment
- Funding up to \$150,000 for a 18 month study
- Seeking pilot scale projects
- Deadline for application: Wednesday June 17, 2020 at 4pm MDT
- Non-Federal cost share is not required
- For more information: www.usbr.gov/research/dwpr
- For the application and to apply: www.grants.gov



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