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](http://www.grants.gov)
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
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

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

*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](http://www.usbr.gov/research/dwpr)
- For the application and to apply: [www.grants.gov](http://www.grants.gov)