



REQUEST FOR INFORMATION  
RFI-2425-WRD-597  
EMERGING WATER-CONSERVATION TECHNOLOGIES

City of Phoenix  
Water Services  
200 W Washington St.  
9th Floor  
Phoenix, AZ  
85003

RELEASE DATE: May 20, 2024  
DEADLINE FOR QUESTIONS: May 30, 2024  
RESPONSE DEADLINE: June 6, 2024, 2:00 pm

City of Phoenix  
REQUEST FOR INFORMATION  
RFI-2425-WRD-597  
Emerging Water-Conservation Technologies

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# 1. INTRODUCTION

## 1.1. Summary

This Request for Information (RFI) is issued as a means of discovery and information gathering on Emerging Water-Conservation Technology

The RFI is for planning purposes only and should not be construed as a solicitation nor should it be construed as an obligation on the part of the City to make any purchases.

This RFI should not be construed as a means to pre-qualify vendors.

This is not a formal solicitation, but a request for interested parties to provide information as specified herein.

Participation in this RFI is voluntary.

**No purchases will be made as a result of this request. Any price information provided shall be used for general comparison purposes only. Do not include applicable state and local taxes.**

## OBTAINING A COPY OF THE RFI AND ADDENDA

Interested parties may download the complete RFI and addenda from <https://solicitations.phoenix.gov/>. Internet access is available at all public libraries.

## 1.2. Contact Information

**Kimberly Grantham**  
Procurement Manager  
Water Services  
200 W Washington St.  
9th Floor  
Phoenix, AZ 85003  
Email: [kimberly.grantham@phoenix.gov](mailto:kimberly.grantham@phoenix.gov)  
Phone: [\(602\) 534-6359](tel:(602)534-6359)

## 1.3. Timeline

**All times are Local Arizona Time**

**City reserves the right to change dates and/or locations as necessary.**

<b>RFI Posted:</b>	May 20, 20024
<b>RFI Inquires Due Date:</b>	May 30, 2024, 5:00pm
<b>RFI Submittal Due Date:</b>	June 6, 2024, 2:00pm RFI Electronic Submittal: <a href="mailto:WSDProcurement@phoenix.gov">WSDProcurement@phoenix.gov</a>

## **2. SCOPE OF WORK**

### **2.1.INTRODUCTION AND BACKGROUND**

The last two decades saw the proliferation of water-efficiency technologies across the entire water sector. While some have become well-established, such as smart irrigation controllers and high-efficiency toilets, many have languished from lack of recognition and promotion. Further, City of Phoenix (COP) customers who do encounter these products may find it difficult to compare products with similar services. As the City of Phoenix prioritizes water conservation to preserve water supplies and save customers money, it is submitting a Request For Information (RFI) for emerging water-saving technologies that are available to COP customers. Emerging technology companies (i.e., companies selling products to consumers) are eligible. Companies offering services utilizing emerging technologies are not eligible.

### **2.2.PURPOSE OF RFI**

The purpose of this RFI is to gather information on emerging water-conservation technologies for the purpose of informing customers about identified technologies, that have been validated by a recognized third-party.

### **2.3.OBJECTIVE**

The objective of this RFI is to inform COP about emergent water-conservation technologies that have been validated by a recognized third-party.

### **3. SUBMITTAL REQUIREMENTS**

An electronic PDF copy of the material shall be submitted following the outline provided herein. The following questions shall be answered in no more than twenty (20) pages, double sided plus a one-page cover letter. Pages that have photos, charts and graphs will count towards the maximum number of pages. Sales material can be submitted and shall not count towards the twenty (20) page count.

The submittal shall include:

- A one-page cover letter prepared on the company's letterhead and signed by an authorized employee of the company. Provide primary contact information and contact person's telephone number, e-mail address, and company webpage. A brief summary shall be included in the cover letter that provides information on the company's background and expertise as relates to this RFI. (This sheet will not be included in the page count.)
- Each submittal should clearly mark which problem statements are addressed with the solution being proposed. They should be marked using the problem statement designation number provided in the scope of work. Solutions can be proposed for one or more problem statements. Vendors do not have to propose solutions to all problem statements.
- Please provide detailed responses in the Vendor Questionnaire Section.

## **4. INSTRUCTIONS TO VENDOR**

### **4.1. PREPARATION OF RESPONSE**

It is the responsibility of all vendors to examine the entire RFI and seek clarification of any requirement that may not be clear and to check all responses for accuracy before submitting a response.

- A. The City does not reimburse the cost of developing, presenting or providing any response to this RFI. Responses submitted for consideration should be prepared simply and economically, providing adequate information in a straightforward and concise manner. The vendor is responsible for all costs incurred in responding to this RFI. All materials and documents submitted in response to this RFI become the property of the City and will not be returned.

### **4.2. SUBMISSION OF INFORMATION**

For Electronic Submittal: Please submit your response via email to [WSDprocurement@phoenix.gov](mailto:WSDprocurement@phoenix.gov)

The date and time on the email will provide proof of submission and verification if the Offer was received on or prior to the due date and time specified. Please identify the request for information number and title in the subject line of the email when submitting the Offer.

The City email file size is limited. To send larger files electronically, the upload and receipt time may take longer than expected. It is the responsibility of the vendor to ensure that the response meets the due date and time.

Submittals shall be in the actual possession of the Procurement Division on or prior to the exact time and date indicated in the Schedule of Events. Late submittals may not be considered. The prevailing clock shall be the Department's desk clock.

### **4.3. WITHDRAWAL OF SUBMITTAL**

At any time prior to the RFI due date and time, a vendor (or designated representative) may withdraw the submittal by submitting a request in writing and signed by a duly authorized representative.

### **4.4. INQUIRIES**

All questions that arise relating to this RFI shall be directed in an email to: [kimberly.grantham@phoenix.gov](mailto:kimberly.grantham@phoenix.gov) as noted in Section 1, Introduction, Timeline.

RFI Inquires Due Date: Thursday, May 30, 2024, at 5:00 pm

Inquiries received will then be answered in an addendum and published on the City's Website.

### **4.5. PUBLIC RECORD**

All submittals in response to this RFI shall become the property of the City and become a matter of public record available for review pursuant to Arizona State law.

If a vendor believes that a specific section of its response is confidential, the vendor shall isolate the pages marked confidential in a specific and clearly labeled section of its response. The vendor shall include a written statement as to the basis for considering the marked pages confidential including the specific harm or prejudice if disclosed and the Procurement Officer will review and make a determination.

#### **4.6.DEMONSTRATIONS**

- A. Vendors may be invited to construct a hands-on demonstration or presentation of their solution at the City of Phoenix.
- B. The City does not reimburse the cost of developing, presenting, or demonstrating a solution, and the vendor is responsible for all costs incurred.

## **5. VENDOR QUESTIONNAIRE**

**5.1. What customer category is this technology for? \***  
**Select from the following and explain.**

Homeowners  
Residential Property Managers (Multifamily/Homeowner's association, etc.)  
Commercial Property Managers (Offices, Business Parks, Data Centers, Warehouses, Malls, etc.)  
Industry (Manufacturing processes, industrial activities, etc.)  
\*Response required

**5.2. How is the technology being applied? \***  
**Select from the following and explain.**

Water Harvesting (rainwater, condensation recovery, etc.)  
Water-use monitoring/leak detection  
Water treatment (Greywater reuse, water recycling)  
Irrigation  
Washing/Cleaning  
Manufacturing  
Cooling (Modification of/transition from evaporative cooling systems)  
Other  
\*Response required

**5.3. Describe the technology addressing the following questions: \***

What problem does the technology solve?  
How does the technology solve the problem?  
What are the benefits to the product user?  
\*Response required

**5.4. What is the cost per unit of the technology? \***

Please describe the assumptions included in the price per unit and possible deviations (i.e., availability of materials, current manufacturing processes, cost of labor, etc.).

\*Response required

**5.5. Is any component of the technology, or manufacturing process for said technology, under a patent you or your company hold? \***

Please specify, providing the patent and/or supporting information.

\*Response required

- 5.6. What is the estimated consumptive water use saved through the use of this technology? Please describe how you came to this estimation, including data sources and formulations used. Has this been validated by a recognized third-party organization? \***

\*Response required

- 5.7. What is the estimated non-consumptive water use saved using this technology? Please describe how you came to this estimation, including data sources and formulations used. Has this been validated by a recognized third-party organization? \***

\*Response required

- 5.8. Please describe how a customer could obtain your technology. Where is it available and how can it be distributed to the user? \***

\*Response required

- 5.9. Does the technology come with a warranty? If yes, describe the terms and conditions of the warranty. \***

\*Response required

- 5.10. Does your company provide customer assistance to technology users? \***

☐ Yes

☐ No

\*Response required

- 5.11. Is your technology eligible for water efficiency certifications (i.e. WaterSense, Energy Star)? \***

If so, have you applied/received a certification?

If not, why is your technology ineligible?

\*Response required

**5.12.How many units have been distributed to date and where? \***

\*Response required

**5.13.Describe your company. \***

How many people does it employ?

How many years has it been in service?

What is your service area?

\*Response required