Water Efficiency Technical Assistance

REQUEST FOR GRANT APPLICATIONS

Released: November 22, 2021

Applications Due: January 19, 2022 by 5 PM Pacific Time.

Late applications will not be accepted.

Office of Environmental Farming and Innovation
1220 N Street
Sacramento, CA 95814

cdfa.oefi_csa_ta@cdfa.ca.gov
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Background and Purpose

The California Department of Food and Agriculture is pleased to announce a competitive grant application process for the Water Efficiency Technical Assistance (WETA) program. The Budget Act of 2021 appropriated $5 million from the General Fund to CDFA for irrigation water efficiency and nutrient management technical assistance grants. The WETA grant program is designed to facilitate technical assistance to agricultural operations for on-farm water and energy use efficiency and nutrient management.

Funding and Duration

CDFA will award up to $5 million to eligible organizations.

- The grant term will be 36 months.
- The maximum award amount is $500,000.
- CDFA reserves the right to offer an award different than the amount requested.
- Funds are distributed on a reimbursement basis following submission of quarterly invoices by the awardee.
- Grant funds may not be expended prior to execution of the grant agreements for awarded projects, or after the completion of the grant agreement term.

Eligibility

The following entities are eligible to apply for WETA grants:

- Resource Conservation Districts (RCDs)
- University of California, California Community Colleges or California State Universities
- Non-profits
- Federally- and California-Recognized Native American Indian Tribes

Entities applying for WETA grants must have demonstrated expertise in on-farm irrigation water and energy use efficiency standards, evaluation and implementation of efficient practices and/or on-farm nutrient management. Lead applicants are encouraged to partner with groundwater sustainability agencies, irrigation districts, and/or water quality coalitions to address local concerns and utilize existing outreach networks.
Entities receiving grant award funds must be located in California with a physical California business address.

**Program Objectives**
The WETA program has three objectives for delivering technical assistance. Applicants may apply for funding to engage in any or all of these objectives:

1. **Provide on-farm, one-on-one technical assistance to farmers to evaluate irrigation system efficiency (e.g., mobile irrigation lab) and provide diagnostics, reports and recommendations to growers**
   In addition to evaluation of irrigation systems, grant recipients may also assist farmers with irrigation water management technology (e.g., soil moisture sensors, evapotranspiration (ET) station information) calibration, data interpretation and training for proper use of technology for irrigation scheduling, monitoring and nutrient management.

2. **Coordinate or provide pump efficiency testing for farmers**
   Grant recipients may support farmers in identifying and scheduling pump testing vendors and provide follow up consultation regarding pump efficiency improvements.

3. **Provide training regarding water use efficiency and nutrient management practices and technology**
   Grant recipients may develop training curriculum and programs related to irrigation water use efficiency and nutrient management. Training may be delivered to farmers through workshops and/or virtual settings. The development of training materials for non-English speakers is a crucial need, including the development of recorded training materials that can be accessed on demand (e.g., webinar). Grant Recipients are strongly encouraged (but not required) to provide a certificate of completion to individuals who completed the training in full.

**Program Requirements and Restrictions**
- Grant recipients **must not** charge fees to provide technical assistance to farmers and ranchers. Outreach materials prepared by the grant recipient must indicate that the assistance is free, and no additional fees or costs will be imposed on the farmer or rancher.
- Grant recipients **must not** require farmers and ranchers to include specific proprietary products or favored contractors and other service providers.
• Grant recipients **must** declare all conflict(s) of interest including sponsorship or funding by any corporation that may profit from CDFA’s WETA program.
• An eligible entity **must not** apply as the lead applicant for the WETA program on more than one application per funding cycle.
• Grant recipients **must** prioritize assistance to Socially Disadvantaged Farmers and Ranchers¹ (SDFRs) and farms and ranches that are 500 acres or less.

**Program Timeline**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Tentative Dates*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application period begins</td>
<td>November 22, 2021</td>
</tr>
<tr>
<td>Applications due</td>
<td>January 19, 2022</td>
</tr>
<tr>
<td>Review of applications received</td>
<td>January 20, 2022 – February 2022</td>
</tr>
<tr>
<td>Announcement of awards</td>
<td>February 2022</td>
</tr>
<tr>
<td>Execution of grant agreements for awarded projects</td>
<td>March 2022 – May 2022</td>
</tr>
<tr>
<td>Awarded Water Efficiency Technical Assistance Project Implementation</td>
<td>June 2022-June 2025</td>
</tr>
</tbody>
</table>

*Subject to change

¹ “Socially disadvantaged farmer or rancher” means a farmer or rancher who is a member of a socially disadvantaged group. “Socially disadvantaged group” means a group whose members have been subjected to racial, ethnic, or gender prejudice because of their identity as members of a group without regard to their individual qualities. These groups include all of the following: (1) African Americans (2) Native American Indians (3) Alaskan Natives (4) Hispanics (5) Asian Americans (6) Native Hawaiians and Pacific Islanders.
How to Apply

**Online Application Platform**
The Water Efficiency Technical Assistance Program application must be submitted online. The application materials and a link to the application portal can be found at [https://www.cdfa.ca.gov/oefi/technical/weta.html](https://www.cdfa.ca.gov/oefi/technical/weta.html). Applicants must create a user account to submit a grant application. All applications, supporting documents, and submissions are subject to public disclosure including posting on the CDFA Office of Environmental Farming and Innovation (OEFI) website.

CDFA requires information for all entities involved in executing the WETA grant objectives. If awarded, the WETA grant agreement will be between CDFA and the lead applicant organization. The lead organization must ensure that all required and proposed tasks are fully completed.

In addition to completing the online questionnaire, applicants will upload several required attachments including the workplan and budget worksheet and resumes.

**Workplan and Budget Worksheet**
Applicants will complete and upload a Workplan and Budget Worksheet to identify the objectives, activities, tasks, and costs associated with the project. The Workplan and Budget Worksheet (MS Excel file) is available at [https://www.cdfa.ca.gov/oefi/technical/weta.html](https://www.cdfa.ca.gov/oefi/technical/weta.html). University of California and California State Universities will use Worksheet (MS Excel file) designated for UC and CSU. All other organizations will use the Worksheet (MS Excel file) designated for non-profits and Resource Conservation Districts.

Each budget item entered into the worksheet must support a Program Objective. Applicants must clearly describe each participating organization’s anticipated expenses, as applicable. All costs must be directly related to and necessary for completion of project. Awarded funds will be paid to the lead organization. The lead organization is responsible for disbursement of funds to other participating organizations and contractors.

**Budget Cost Categories**
- **Personnel:** Estimate the hourly cost of salary, wages, and fringe benefits associated with each activity by individuals employed by the applicant organization.
**Contractor:** Estimate the cost of work on the project that will be performed by individuals/organizations other than the applicant (e.g., consultants, contractors, partner organizations, etc.). This amount should include all associated salary and wages, fringe benefits, travel, equipment, supplies, other, and indirect costs. List the services to be provided and the contractors that will work on the project and be paid with grant funds.

**Supplies:** Estimate the cost of supplies associated with each activity. Supplies are items with an acquisition cost less than $5,000 per unit that are used exclusively for the objectives of the project. Categorize the types of supplies to be purchased. General use office supplies (paper, printer ink, pens, etc.), facilities costs (telephone, internet, etc.), and administrative costs are considered indirect and should not be included under Supplies.

**Equipment:** Estimate the cost of equipment associated with each activity. Equipment is nonexpendable, tangible personal property with a useful life of more than one year and an acquisition cost which equals or exceeds $5,000.

**Travel:** Estimate the cost of project-related travel associated with each activity except contractual personnel. In the description column, describe the travel that will be necessary to accomplish the objectives of the project.

**Other:** Estimate the cost of all other project-related expenses to support each activity. Expenses typically listed under “Other” include registration fees to attend professional education or training, meeting space or equipment rentals, subscriptions, etc. List the specific types of expenses necessary to accomplish the objectives of the project.

**Indirect:** Indirect costs are facilities and administrative costs that cannot easily be tied directly to the activities of the grant. Examples of common indirect costs include administrative/clerical services, rent, utilities, internet and telephone service, maintenance, and general office supplies. University of California (UC) and California State Universities (CSU) may claim the established indirect cost rate with CDFA. All other eligible organizations may claim an indirect cost rate of 20 percent of total direct costs.

**Allowable Costs**
Examples of allowable costs include:

- **Personnel and/or Contractor** expenses associated with:
o Conducting on farm water use efficiency audits with the purpose of calculating distribution uniformity (DU) and other efficiency metrics.

o Developing, facilitating, and administering in-person and online irrigation and/or nutrient management trainings for interested parties.

o Provision of and/or performance of pump efficiency tests to identify pumping systems’ characteristics including overall pumping efficiency. Assisting and/or facilitating a pump test for a potential applicant of CDFA’s State Water Efficiency and Enhancement Program (SWEEP) is allowable.

o Developing and administering irrigation water management (IWM) system audits to ensure the proper use, function and understanding of technology related to IWM such as flow meters, soil moisture sensors, and/or evapotranspiration sensors.

o Translation services to increase the impact of irrigation efficiency related activities, workshops, and/or trainings.

o Reporting and invoicing.

o Participating in professional development courses and training relevant to the program objectives.

- **Travel Expenses** to farms or training venues including mileage, lodging, per diem, vehicle rental and/or leasing of a vehicle.

- **Supplies and/or Equipment** needed for irrigation system or pump evaluation or training including computers, software and vehicle renting or leasing.

**Unallowable Costs**

Examples of unallowable costs include but are not limited to:

- Personnel or contractor hours that are not related to water efficiency and/or nutrient management evaluation, audits, training, administration, or other non-related fields.
- Completion of tasks that are outside of approved workplan and budget.
- Assisting farmers or ranchers as they apply for or implement CDFA Climate Smart Agriculture grant projects (SWEEP, HSP, or AMMP). Assisting and/or facilitating a pump test for a potential SWEEP applicant is allowable.
- Research
- Food/drinks and entertainment
- The purchase of a vehicle
Resumes
Upload resumes of key personnel from each participating organization and contractors and indicate the role of each person whose resume is attached. Provide in PDF format. Resumes must provide evidence of expertise in irrigation water use efficiency and nutrient management.

Questions and Answers (Q&A)
During the application period, CDFA will host an informational webinar to provide an overview of program guidelines and application materials. Visit the CDFA OEFI technical assistance website for more information and to register for the webinar.

General questions regarding the solicitation process may be submitted to cdfa.oefi.csa.ta@cdfa.ca.gov. Responses to all questions received by email will be posted to CDFA’s Technical Assistance website according the following schedule:

<table>
<thead>
<tr>
<th>Questions Received By:</th>
<th>Responses Provided By:</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 14, 2021</td>
<td>December 17, 2021</td>
</tr>
</tbody>
</table>

December 14, 2021 at 5:00 p.m. PT is the final deadline to submit questions for the 2021 Water Efficiency Technical Assistance grant application. To maintain the integrity of the competitive grant process, CDFA is unable to advise and/or provide individuals with any information regarding specific grant application questions during the solicitation process.
Review Process
Applications will be reviewed in a two-stage process:

Administrative Review
The purpose of the administrative review is to determine whether grant application requirements are met. During the administrative review, the following will result in the automatic disqualification of a grant application:

- Incomplete grant applications: applications with one or more unanswered questions necessary for administrative or technical review.
- Incomplete grant applications: applications with missing, blank, unreadable, corrupt, or otherwise unusable attachments.
- Applications that include activities outside the grant duration.
- Applications with unallowable costs or activities necessary to complete the project objectives.
- Requests for more than the maximum award amount.
- Applications that do not comply with Eligibility or meet Program Requirements and Restrictions

APPEAL RIGHTS: Any disqualification taken during the administrative review for the preceding reasons may be appealed to CDFA’s Office of Hearings and Appeals Office within 10 days of receiving a notice of disqualification from CDFA. The appeal must be in writing and signed by the responsible party name on the grant application. It must state the grounds for the appeal and include any supporting documents and a copy of the CDFA decision being challenged. The submissions must be sent to the California Department of Food and Agriculture, Office of Hearings and Appeals, 1220 N Street, Sacramento, CA 95814 or emailed to CDFA.LegalOffice@cdfa.ca.gov. If submissions are not received within the time frame provided above, the appeal will be denied.

Technical Review
Technical review will be completed by CDFA staff in the Office of Environmental Farming and Innovation. Technical review will be based on the detailed scoring criteria outlined below. CDFA will select highest scoring applications for award of grant funds.
### Scoring Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Maximum Points</th>
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</thead>
<tbody>
<tr>
<td><strong>Statement of Qualifications</strong></td>
<td></td>
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<tr>
<td>Does the SOQ clearly identify the capacity of the lead applicant organization to provide water efficiency technical assistance?</td>
<td>30</td>
</tr>
<tr>
<td>Has the applicant adequately explained how the education, work history, and/or technical expertise of key personnel makes them qualified for this role?</td>
<td></td>
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<tr>
<td>Will the organization need to hire or contract lead technical assistance providers?</td>
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<tr>
<td>Are roles of key personnel from each participating organization clearly described?</td>
<td></td>
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<tr>
<td>Does the application clearly identify the staff person or personnel who will be involved in each task, including alternative or secondary contacts?</td>
<td></td>
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<tr>
<td>Does the project include partnership or regional coordination among multiple organizations?</td>
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<tr>
<td>If a partner organization is indicated, does the partnership provide technical assistance to a larger base of farmers and ranchers than would be accomplished by a single organization?</td>
<td></td>
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<tr>
<td>Do the resumes of individuals listed in the proposal align well with relevant expertise</td>
<td></td>
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<tr>
<td><strong>Prioritization of Assistance to SDFRs</strong></td>
<td></td>
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<tr>
<td>Are 25% of the funds allocated for providing assistance to SDFRs?</td>
<td>10</td>
</tr>
<tr>
<td>Does the Workplan/budget include adequate details about how the organization will reach SDFRs?</td>
<td></td>
</tr>
<tr>
<td>Does the application narrative clearly identify expected costs dedicated to assistance to SDFRs?</td>
<td></td>
</tr>
<tr>
<td><strong>Workplan</strong></td>
<td></td>
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<tr>
<td>Are the estimated number of farmers the applicant proposes to assist provided and reasonable?</td>
<td>40</td>
</tr>
<tr>
<td>Criteria</td>
<td>Maximum Points</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Does the applicant provide sufficient details of all activities proposed?</td>
<td></td>
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<tr>
<td>Does the workplan include in-field irrigation water efficiency assessments to farmers/ranchers?</td>
<td></td>
</tr>
<tr>
<td>Does the applicant discuss their plan for conducting outreach and identifying farmers for assistance?</td>
<td></td>
</tr>
<tr>
<td>Are the activities achievable with the requested budget?</td>
<td></td>
</tr>
<tr>
<td>Does the application include a detailed reporting and evaluation component?</td>
<td></td>
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<tr>
<td>Does the applicant clearly indicate the regions that will be served by the applicant?</td>
<td></td>
</tr>
<tr>
<td>Does the applicant clearly detail the organization’s case for serving the region proposed?</td>
<td></td>
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<tr>
<td>Does the applicant propose to provide assistance in languages other than English?</td>
<td></td>
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<tr>
<td>Does the application clearly identify how the organization will prioritize assistance for farms and ranches that are 500 acres or less?</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Budget</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Does the proposed budget outline all anticipated expenses?</td>
<td></td>
</tr>
<tr>
<td>Is the budget at or below the maximum award?</td>
<td>20</td>
</tr>
<tr>
<td>Are the costs included in the budget for each activity reasonable?</td>
<td></td>
</tr>
<tr>
<td>Is the Budget consistent with the Workplan?</td>
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<tr>
<td>Is the division of funds between activities reasonable?</td>
<td></td>
</tr>
</tbody>
</table>

**Total** 100

Past performance of applicants in OEFI programs, if applicable, may be taken into consideration during selection. Past performance may include timely and satisfactory completion of funded activities and reporting requirements.

**Notification and Feedback**
All applicants will be notified regarding the status of their grant applications. Successful applicants will receive specific instructions regarding the award process, including information on invoicing and reporting requirements. Applicants not selected for funding will receive feedback regarding their applications within 60 days after receiving notification. CDFA will post basic information on the Technical Assistance website (https://www.cdfa.ca.gov/oefi/technical/weta.html) regarding the applications received at least 10 days before awarding grant funds. After projects are selected and all funds are encumbered, CDFA will post an updated list of awarded projects. Applications will be treated in accordance with Public Records Act requirements and certain information, subject to those requirements, may be publicly disclosed.

Grant Recipient Information

Grant Agreement

Applicants selected for award of funds will receive a Grant Agreement package with specific instructions regarding award requirements including information on project implementation and payment process. Once a Grant Agreement is executed, grant recipients can begin implementation of the project. Grant recipients are responsible for the overall management of their awarded project to ensure all project activities are completed no later than the end of the grant agreement term (estimated for June 30, 2025).

Award Process Timeline

<table>
<thead>
<tr>
<th>Grant Agreement Stage</th>
<th>Estimated Time for Stage Completion</th>
</tr>
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<tbody>
<tr>
<td>Grant packet is completed – During this step, CDFA will work with awardees to get the information the state needs to execute the grant. The timeline for this step is dependent on how quickly information is provided to CDFA staff.</td>
<td>Variable</td>
</tr>
<tr>
<td>Grant Execution</td>
<td>Up to 120 days</td>
</tr>
</tbody>
</table>

Project Implementation

Once a Grant agreement is executed the grant recipient can begin implementation of the project if it is after or on the official project start date.
(anticipated for June 30, 2022). During the project implementation, grant recipients must maintain frequent communication with CDFA staff about the technical assistance project.

**Payment Process**
CDFA will provide grant recipients with the necessary grant award and invoicing documents. Funds will be allocated on a reimbursement basis. Invoices must be submitted quarterly and include all supporting financial documentation to substantiate expenses. CDFA will withhold 10 percent from the total grant award until a final report is submitted to ensure grant recipients meet all reporting requirements. Invoicing and closeout of all project expenditures must be completed no later than August 31, 2025.

**Reporting**
Grant recipients must submit detailed quarterly Progress Reports to CDFA identifying activities accomplished in the reporting period. CDFA will provide a customized reporting template and schedule to grant recipients. Progress Reports will include, at a minimum:

- Total number of individuals assisted.
- Information of farmers assisted.
- Number of individuals assisted who identify as SDFRs and/or farms 500 acres or less.
- Costs associated with assisting SDFRs.
- Number of irrigation assessments conducted.
- Total number of irrigation water management (IWM) assessments conducted.
- Total number of pump efficiency tests conducted.
- Total attendance at in-person and online water efficiency and/or nutrient management workshops and trainings.
- Links and/or files for digital training materials that have been created.
- Links to translated files or digital training materials that have been created.

For auditing purposes, recipients are required to maintain detailed technical assistance records on-site.

**Critical Project Review**
Grant recipients must agree to a Critical Project Review and audit during the project term to verify project progress as reported in Progress Reports submitted...
to CDFA, including number of farmers assisted. If it is determined by CDFA from the Critical Project Review that at that time the grant project is not meeting and is unlikely to meet certain milestones, CDFA has the right to terminate the Grant Agreement pursuant to the Terms and Conditions of the Grant Agreement. If the grant is terminated and has incurred any costs during the term, the Grantee must return any previously reimbursed funds. Termination may result in forfeiture by the grantee of any funds retained pursuant to 10 percent retention policy. Critical Project Review may be completed through an auditing process.
Appendix A: Preview of Application Questionnaire

APPLICANT INFORMATION
Name of the organization that will serve as lead for the project and will receive grant funds
Lead organization’s Federal Tax Identification Number
Lead organization type
Lead organization’s Mailing Street Address
Lead organization’s Mailing City
State
Lead organization’s Mailing Zip
Lead organization’s County
Legislative information: Identify your Senate and Assembly Districts: click here
Assembly District Number
Senate District Number
Full name of the primary contact person
Title of primary contact person
Email of primary contact person
Phone number of primary contact person
Full name of secondary contact person
Title of secondary contact person
Email of secondary contact person
Phone number of secondary contact person
Will your organization be working with a cooperating entity?
Cooperating organization name
Cooperating organization’s lead contact person
Email of cooperating organization’s lead contact person

Phone number of cooperating organization’s lead person

**PROJECT OVERVIEW**

Project Title

Project Summary

**STATEMENT OF QUALIFICATIONS**

In this section, the applicant must provide sufficient information to demonstrate that the lead organization and all participating organizations (if any) have the personnel, experience, knowledge, skills, time and resources to develop and deliver the project. Please limit responses to each question to 1-3 paragraphs.

Qualifications of the Organization:

Describe the lead applicant organization’s background, purpose or mission as it relates to the project and address the organization’s capacity to undertake the work of the project.

Provide a brief biography or summary of qualifications of the key personnel from lead applicant organization involved in the project. The biography or summary of qualifications should demonstrate key personnel have knowledge and experience in the subject area of the project.

How will this team composition and representation from within the organization(s) enable successful implementation of the proposed water efficiency technical assistance workplan? Explain how various tasks will be managed and coordinated and how the project manager’s technical expertise will help achieve the goals of the project.

Outline the organization’s experience and resources available working with communities, farmers, and ranchers.

Briefly describe the organizations’ (lead and partner) experience providing technical assistance to farmers and ranchers.

Describe the organization's experience setting up and maintaining communications with farmers/ranchers.

Describe the organization's experience hosting workshops and trainings.
Describe the organization's experience providing one-on-one technical assistance to farmers and ranchers.

Describe the organization's experience working with Socially Disadvantaged Farmers and Ranchers (SDFRs) and/or AB 1550 Priority Populations.

Does the organization have the ability to serve non-English speakers? (Y/N)

In which non-English languages can the organization provide technical assistance?

Identify any relevant certifications that members of the organization(s) hold and indicate how these certifications might be useful.

Qualifications of Technical Assistance Lead Person(s):
In this section identify key technical assistance personnel from the lead and partner organization and describe qualifications.

Does the lead organization or partner organization already employ an individual that will serve as the irrigation efficiency and nutrient management technical lead for this project, or will the technical expert be hired or contracted if the project is awarded? (Y/N)

Name of lead technical assistance person(s)

Email of lead technical assistance person(s)

Phone number of lead technical assistance person(s)

Describe the lead's work experience designing and/or evaluating irrigation systems.

Upload the resume(s) for the technical assistance lead person(s) as a pdf or word document.

In the process of hiring a technical assistance lead, what qualifications will be sought and prioritized?

After receiving an award of funds from WETA, how many months would be required to advertise and hire a technical assistance lead person?

Upload the resume(s) of the person who will make hiring or contracting decisions for the water efficiency technical assistance lead person(s). (Upload a word document or pdf file).
STATEMENT OF NEED

In this section, the applicant will describe the need for water efficiency technical assistance in their service area. Please limit responses to 1 to 3 paragraphs.

Which counties or geographic region will be served by the water efficiency technical assistance provider?

Describe the target audience of the project, including the needs of the community/region including issues of local and regional urgency.

Describe your organization’s ability to address the community need through the WETA program.

Prioritization of Socially Disadvantaged Farmers and Ranchers (SDFRs) and Farms of 500 Acres or Smaller

The technical review scoring criteria for WETA offers additional points to applicants that commit to expending and tracking 25% of the awarded funds to assist Socially Disadvantaged Farmers and Ranchers. “Socially disadvantaged farmer or rancher” means a farmer or rancher who is a member of a socially disadvantaged group. “Socially disadvantaged group” means a group whose members have been subjected to racial, ethnic, or gender prejudice because of their identity as members of a group without regard to their individual qualities. These groups include all of the following: (1) African Americans (2) Native American Indians (3) Alaskan Natives (4) Hispanics (5) Asian Americans (6) Native Hawaiians and Pacific Islanders.

Will the organization commit to expending 25% of the awarded funds to assisting Socially Disadvantaged Farmers and Ranchers? (Y/N)

Describe the plan for your organization to achieve this target (25% of funding allocated to assisting SDFRs).

Describe what tools and methods the organization will use to track expenditures dedicated to assisting socially disadvantaged farmers and ranchers.

Awardees of the WETA program should also prioritize assistance to farmers and ranchers that farm 500 acres or less.

Describe the strategy that will be implemented to prioritize assistance to farmers and ranchers who farm 500 acres or less.
**WORKPLAN**

Prior to completing the questions below, review and complete the Workplan and Budget Template. If planning on supporting SDFR, indicate in the Workplan and Budget.

Upload the completed Workplan and Budget Template (Microsoft excel file).

The Water Efficiency Technical Assistance Program has three primary objectives. Applicants may request funding to engage in any or all of the objectives. In this section, please identify which objectives the applicant organization will seek to fulfill through the proposed workplan and upload the Workplan and Budget Template.

Select the Objectives that are included in the Workplan

2. Provision of Pump Efficiency Testing
3. Irrigation and Nutrient Management Training

**Objective 1: Provide on-farm, one-on-one technical assistance to farmers to evaluate irrigation system efficiency (e.g., mobile irrigation lab) and provide diagnostics, reports and recommendations to growers**

Describe the strategy to provide on-farm, one-on-one technical assistance to farmers to evaluate irrigation system efficiency (e.g., mobile irrigation lab) and provide diagnostics, reports and recommendations to growers.

Provide details of outreach methodologies that will be used to reach the proposed number of farmers and ranchers.

Estimate the number of farmers and ranchers that will be assisted with on-farm irrigation system evaluations over the course of the three-year grant.

Describe the technical references, the resources (such as software) and training that the lead organization will rely upon in order to prepare and deliver the on-farm irrigation evaluation technical assistance.

**Objective 2: Coordinate or Provide Pump Efficiency Testing for Farmers**

Describe how the organization will provide/coordinate pump efficiency testing including if the organization will be equipped to perform pump efficiency testing or will hire a contractor to perform the tests.
Estimate the number of farmers and ranchers that will be provided with pump efficiency testing coordination over the three-year grant term.

Provide details of outreach methodologies that will be used to reach the proposed number of farmers and ranchers with pump efficiency testing coordination.

Objective 3: Provide training regarding water use efficiency and nutrient management practices and technology

Describe the outreach and strategy to provide training regarding water use efficiency and nutrient management including what type of training format(s) will be used (e.g., in-person, live remote, on-demand/webinar).

In which languages will training be made available?

What topics will be covered in the training curriculum?

Describe the reference materials or resources that will be used to develop training curriculum.

Estimate the number of farmers and ranchers that will receive irrigation efficiency and nutrient management training over the three-year grant term.

Will on-demand webinars be created?

In which languages will on-demand trainings be made available?

**Evaluation and Reporting**

It is important that the applicant organization can accurately track personnel hours, expenses, and technical assistance activities conducted. At a minimum, awardees will report quarterly on the number of farmers assisted, the number of SDFR farmers assisted, and the activities completed.

Briefly describe the system that will be used to track technical assistance activities and number of farmers and ranchers assisted, and number of SDFRs assisted.

**BUDGET**

The maximum award for the Water Efficiency Technical Assistance Program is $500,000 over three years, including indirect costs.
What is the total grant request? This is in cell D9 of the Workplan and Budget Template.

ACKNOWLEDGMENT

Please write your name in the signature box. By doing this you are indicating that all information submitted is true and current to the best of your knowledge.

Please type your name here

Date