



United States Department of the Interior

BUREAU OF RECLAMATION
P.O. Box 61470
Boulder City, NV 89006-1470



IN REPLY REFER TO:

LCB-4000
2.2.4.23

VIA ELECTRONIC & OVERNIGHT MAIL

May 24, 2023

To: Interested Parties

Subject: Funding Opportunity for Voluntary Participation in the Lower Colorado River Basin Conservation and Efficiency Program

Greetings:

The purpose of this letter is to follow-up on the announcement by the Secretary of the Interior on September 22, 2022, of the Lower Colorado River Basin System Conservation and Efficiency Program (LC Conservation Program). The Department of the Interior (Department) previously established a first phase of LC Conservation Program for short-term system conservation contributions to Lake Mead, via letter dated October 12, 2022. The purpose of this letter is to request long-term durable system efficiency improvement project proposals that result in water conservation benefiting the lower Colorado River System and its water users.

The LC Conservation Program reflects the commitment made by the Department on August 16, 2022, to address the drought crisis with prompt and responsive actions and investments to ensure the entire Colorado River System (System) can function properly and support all who rely on it. Prolonged drought and low runoff conditions accelerated by climate change have led to historically low water levels in Lakes Powell and Mead. Over the last two decades, Department leaders have engaged with Basin partners on various drought response operations. Given that water levels may continue to decline, additional action is needed to protect the Colorado River System and prevent the reservoirs from falling to critically low elevations, threatening water deliveries and power production. The historic funding committed by the Biden-Harris Administration in the Inflation Reduction Act of August 16, 2022. Public Law 117-169, 136 Stat. 2053. Part 3- Drought Response and Preparedness, Sec 50233 Drought Mitigation In the Reclamation States provides \$4 billion specifically for water management and conservation efforts in the Colorado River Basin and other basins experiencing comparable levels of long-term drought.

The LC Conservation Program is intended to provide new opportunities to fund system conservation and efficiencies in the Lower Colorado River Basin that lead to durable long-term solutions for the Colorado River System. These opportunities shall result in additional volumes of water remaining in Lake Mead. To meet eligibility requirements, the proposal must:

- result in quantifiable, verifiable water savings in Lake Mead that is based on a consumptive use reduction and recent history of use, and/or
- add new water to the applicant’s water supply enabling a consumptive use reduction of Colorado River water.
- be submitted by Colorado River water delivery contract or entitlement holders or Central Arizona Project water delivery contract or subcontract holders, including partnerships with such entities (in such cases the entitlement holder will still be the applicant).
- demonstrate viability for full implementation, including by demonstrating financial and technical capability of the entity for initial implementation and long-term Operations, Maintenance and Replacement (OM&R).
- provide for monitoring to ensure the proposed benefits to the system are realized.

Additionally, the Department will consider other factors in the proposal to create a complementary program of projects throughout the Lower Colorado River Basin, including but not limited to the following:

- Amount and duration of water savings for Lake Mead.
- Amount and duration of any other anticipated water savings.
- Cost effectiveness.
- Environmental benefits.
- Innovation in technology or program approach.
- Reducing dependency on Colorado River water.
- Benefits to disadvantaged communities, economic or otherwise.
- Previous participation in existing conservation programs and/or “Bucket 1” of the LC Conservation Program.
- Partnerships.
- Leveraging other sources of funding.
- Addressing the Bureau of Reclamation’s legal and contractual obligations or supporting other government initiatives.
- Readiness to proceed and timeliness of benefits achieved.


If you are interested in participating in the LC Conservation Program Efficiency projects, submit your proposal electronically by July 19, 2023, to:

LC Conservation Program Team
 Email: LCBEfficiency@usbr.gov

To the extent permissible by applicable law all proposals will remain confidential until the plan agreements are executed, thus preserving the competitive nature of the selection process.

Should you have questions regarding the LC Conservation Program, or wish to discuss plan concepts, please contact LCBEfficiency@usbr.gov. Individuals in the United States, who are deaf, deafblind, hard of hearing, or have a speech disability may dial 711 (TTY, TDD, or Tele-Braille) to access telecommunication relay services. Individuals outside the United States should use the relay services offered within their country to make international calls to the point-of-contact in the United States.

Sincerely,

DAVID
PALUMBO  Digitally signed by
DAVID PALUMBO
Date: 2023.05.24
13:39:33 -04'00'

David Palumbo
Deputy Commissioner for Operations
Bureau of Reclamation

Enclosures (2)
cc: On next page.

cc: Christopher S. Harris
Executive Director
Colorado River Board of California
770 Fairmont Avenue, Suite 100
Glendale, CA 91203

Thomas Buschatzke
Director
Arizona Department of Water Resources
P.O. Box 36020
Phoenix, AZ 85067-6020

Eric P. Witkoski
Executive Director
Colorado River Commission
of Nevada
555 East Washington Avenue, Suite 3100
Las Vegas, NV 89101

Brandon Gebhart
State Engineer
State of Wyoming
6920 Yellowtail Road
Cheyenne, WY 82002

Anne Castle
Federal Appointee to the Commission,
Chair
Upper Colorado River Commission
50 South 600 East, Suite 100
Salt Lake City, UT 84102

Edward Velarde
President
Jicarilla Apache Nation
P.O. Box 507
Dulce, NM 87528

Corrina Bow
Chairperson
Paiute Indian Tribe of Utah
440 N Paiute Drive
Cedar City, UT 84721

Cadence Hasengayer
Director
Utah Division of Water Resources
1594 W. North Temple, Suite 310
Salt Lake City, UT 84116

Michael Hamman
State Engineer
Office of the State Engineer
130 South Capitol Street
Santa Fe, NM 87504

Rebecca Mitchell
Director
Colorado Water Conservation Board
1313 Sherman Street, Room 718
Denver, CO 80203

Chuck Cullom
Upper Colorado River Commission
50 South 600 East, Suite 100
Salt Lake City, UT 84102

Manuel Heart
Chairman
Ute Mountain Ute Tribe
124 Mike Wash Road
Towaoc, CO 81334

Melvin Baker
Chairman
Southern Ute Indian Tribe
P.O. Box 737
Ignacio, CO 81137

Shaun Chapoose
Chairman
Ute Indian Tribe of the Uintah and
Ouray Reservation
P.O. Box 190
Fort Duchesne, UT 84026

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cc: Continued from previous page.

Buu Nygren
President
Navajo Nation
P.O. Box 9000
Window Rock, AZ 86515

Sherry J. Parker
Chairperson
Hualapai Tribe
P.O. Box 179
Peach Springs, AZ 86434

Deryn Pete
Chairwoman
Las Vegas Paiute Tribe
1 Paiute Drive
Las Vegas, NV 89106

Arden Kucate
Governor
Pueblo of Zuni
P.O. Box 339
Zuni, NM 87327

Jennifer Carrington
Regional Director
Columbia-Northwest Region
1150 North Curtis Road, Suite 100,
CPN-1000
Boise, ID 83706-1234

Brent C. Esplin
Regional Director
Missouri Basin and Arkansas-Rio
Grande-Texas Gulf Region
P.O. Box 36900
Billings, MT 59107-6900

Thomas Siyuja, Sr
Chairman
Havasupai Tribe
P.O. Box 10
Supai, AZ 86435-0010

Ona M. Segundo
Chairwoman
Kaibab Band of Paiute Indians
Tribal Administration Building
#1 North Pipe Springs Road
Fredonia, AZ 86022

Gregory Anderson Sr. Chairperson
Moapa Band of Paiute Indians P.O.
Box 340
Moapa, NV 89025

Johnny M. Lehi Jr.
President
San Juan Southern Paiute
P.O. Box 1989
Tuba City, AZ 86045

Wayne Pullan
Regional Director
Upper Colorado Basin Region 124
South State Street, Room 8100 Salt
Lake City, UT 84138-1147

Ernest Conant
Regional Director
California-Great Basin Region
2800 Cottage Way, CGB-100
Sacramento, CA 95825-1898

(w/ encl to each)



— BUREAU OF — RECLAMATION

ENCLOSURE 1

Requirements for Lower Basin System Conservation and Efficiency Project Proposals

A. Program Objectives

The Lower Colorado River Basin System Conservation and Efficiency Program (LC Conservation Program) is intended to provide new opportunities for long-term durable system efficiency improvements that result in water conservation benefitting the Lower Colorado River System, and its water users. The Bureau of Reclamation is requesting proposals describing Lower Colorado River Basin long-term durable system efficiency projects that meet the following objectives:

- Results in quantifiable and verifiable reductions in consumptive use of Colorado River water having a recent history of use, resulting in additional volumes of water remaining in Lake Mead.
- Demonstrates viability for full implementation of the funded projects, including by demonstrating financial and technical capability of the entity for initial implementation and long-term Operations, Maintenance and Replacement (OM&R).
- Monitors implementation to ensure the proposed benefits to the system are realized.

B. Eligible Projects

Colorado River water delivery contract or entitlement holders and Central Arizona Project (CAP) water delivery contract or sub-contract holders, including partnerships with such entities, are eligible to apply. In the case of partnership proposals, the entitlement holder must be the applicant. The conserved Colorado River System water will not accrue to the benefit or use of any individual Colorado River water user.

Funding will be for project implementation, not OM&R. Project implementation can include planning and environmental compliance costs.

Projects must comply with all relevant laws, regulations and policies.

Types of projects that might be eligible include, *but are not limited to*:

- Projects that line canals, including projects that rehabilitate aging or functionally compromised water conveyance systems.
- Agricultural upgrades and innovations, whether in technology or management.
- Urban water efficiency projects.
- Non-functional turf replacement.
- Water storage projects that allow for operational flexibilities or capturing new sources of water i.e., re-regulating reservoirs or basins.
- New technology, or existing technology used in new ways.
- Creative approaches to water markets, auctions, and/or crop switching with verifiable water savings.

In addition to traditional projects, innovation is encouraged.

C. Proposal Requirements

The LC Conservation Program proposals must include the following information:

- Project description.
- Location within the Colorado River Basin.
- The estimated amount of Colorado River System water to be conserved per year and over the life of the proposed plan.
 - Please describe how System water conserved is based on a recent history of use (not entitlement).
- Methodology for estimated consumptive use reduction and supporting information that documents the estimate.
- Description of how the proponent will verify and document the consumptive use reduction on an annual or more frequent basis, as appropriate.
- Amount of time required before system conservation begins to be stored in Lake Mead, and the duration of that benefit.
- Total amount of project cost.
- Project Budget.
- Estimated cost per acre-foot of conserved water (on either an annual basis or other proposed period of plan operation) and economic explanation of the proposed cost.
- Complete description of how the proposed plan will ensure that the amount of conserved water to remain in Lake Mead will not be ordered by other entitlement holder(s), for example, through third party consents or forbearance agreements.
- Any additional information deemed helpful to explain and aid understanding of the proposal.

- Please flag any trade secrets and financial information that should be kept private, should proposals be made available to the public.
- Please note whether you have previously participated in existing conservation programs and/or “Bucket 1” of the Lower Colorado Basin System Conservation and Efficiency Program.

Proposals should be submitted electronically to LCBEfficiency@usbr.gov no later than July 19, 2023.

D. Technical Proposal Considerations

Address each of the applicable considerations and sub-considerations in the order presented to assist in the complete and accurate evaluation of the proposal. Proposals should clearly demonstrate how the project will accomplish the Program Objectives listed in Section A.

Consideration A – Quantifiable Water Savings

1) Describe the anticipated consumptive use reduction.

For projects that will conserve Colorado River water, please state the estimated amount of water expected to be conserved in Lake Mead as a direct result of this project, and the quantification methodology.

- Please include a specific quantifiable water savings estimate.
- Please specify the anticipated savings in acre-feet per year to remain in Lake Mead as a result of this conservation. Include annual (acre-feet per year) as well as total savings. (Note: if cost-shared, also include the total amount of Colorado River water conserved in acre-feet.)
- Please specify the period of years for which the proposal will create annual system conservation in Lake Mead.

If savings are expressed as a range, please explain the basis for the variability.

2) Describe whether this activity would impact any downstream users.

3) Describe how the reduction in consumptive use will be verified.

Explain what documentation will be provided to Reclamation to verify the reduction in consumptive use on an annual or more frequent basis.

4) Innovation in technology or project approach.

If the project includes an innovation in technology or project approach, please explain the extent to which it is innovative and will advance knowledge to support other water conservation and system efficiency projects. Consider the following:

- Describe the impact of the proposed work on other water conservation and system efficiency projects and/or currently used technologies. The impact can be

measured by the promise of a solution, the problem being addressed, the likelihood for improving the efficiency of water use, and replicability within the Basin.

- b. Clearly state the problem being solved, how the proposed approach differs from current solutions, potential challenges that will be faced throughout the project, and mitigation strategies for these challenges.
- c. Describe prior research on the proposed technology or process and how this prior work supports the need for the proposed project.

5) Reduces dependency on Colorado River water.

If the project will increase the resilience of the Colorado River System through reduced dependence on the River as a source of supply, please explain how this will occur.

Consideration B – Economic and Environmental Benefits

Sub-consideration B1- Cost Effectiveness

The cost per acre-foot of water expected to be conserved in Lake Mead. Please use costs related to the entire Project, not just an individual phase to be constructed. Costs should be provided for the entire Project described in the proposal.

Reclamation will calculate the cost per acre-foot of water produced by the Project using information provided by the Project sponsor(s).

Please provide the following information for this calculation:

- (a) The total estimated construction costs, by year, for the Project (include all previous and planned work) as shown in Table 1.

Table 1. Estimated Construction Costs by Year

Calendar Year	Construction Cost
1.	
2.	
3.	
4.	
5.	

Calendar Year	Construction Cost
6.	
7.	
8.	
9.	
10.	

- (b) The total estimated or actual costs to plan and design the Project.

- (c) The year the Project will begin to conserve water.
- (d) The projected life (in years) that the project is expected to last.
- (e) The projected time (in years) that the project is expected to conserve water in Lake Mead. Note: The time the project is expected to conserve water should be measured from the time the Project starts conserving water until water is no longer committed to being conserved in Lake Mead.
- (f) Please specify the anticipated savings in acre-feet per year to remain in Lake Mead upon completion of the Project. Include annual (acre-feet per year) as well as total savings. This volume of water must correspond to the costs provided above. If costs are only provided for a portion of the project, then only the water produced by that same portion or phase of the project will be considered.

Sub-consideration No. B2—Environmental Benefits

Does the project provide environmental benefits (for example, ecosystem benefits or benefits to habitat or species), or is it a single purpose activity?

- If the project provides one or both benefits, please describe.
- Provide a qualitative discussion of the economic impact of these benefits.
- Will the project provide water or habitat for Federally listed threatened or endangered species? If so, how?

Consideration C – Disadvantaged Communities

EO 14008 and EO 13985 affirm the advancement of environmental justice and equity for all through the development and funding of programs to invest in disadvantaged or underserved communities. Does the project provide benefits to at least one disadvantaged community? If so, explain and discuss to what extent the project serves disadvantaged communities, and would advance the goal set in EO 14008 for the President’s historic Justice40 Initiative that 40% of the overall benefits of certain federal investments flow to such communities. Geographically defined disadvantaged communities should be identified using the Climate and Economic Justice Screening Tool (CEJST) available at <https://screeningtool.geoplatform.gov/>.¹

The CEJST, established pursuant to EO 14008, is a geospatial mapping tool that identifies areas across the nation where communities are faced with significant burdens. These burdens are organized into eight categories: climate change, energy, health, housing, legacy pollution, transportation, water and wastewater, and workforce development.

¹ See M-23-09 for additional information on identifying disadvantaged communities (which may also be geographically dispersed not just geographically defined, and which include Federally Recognized Tribal entities, whether or not they have land).

Each burden is ranked using percentage thresholds or yes/no indicators and based on this methodology, communities are considered disadvantaged: if it is in a census tract that is (1) at or above the threshold for one or more environmental, climate, or other burdens, and (2) at or above the threshold for an associated socioeconomic burden. In addition, a census tract that is completely surrounded by disadvantaged communities and is at or above the 50th percentile for low income is also considered disadvantaged. Federally Recognized Tribes, including Alaska Native Villages, are also considered disadvantaged communities.

If the project benefits disadvantaged communities as identified by the CEJST or geographically dispersed disadvantaged communities, please describe in detail how this project benefits those communities. Benefits can include, but are not limited to, economic growth opportunities and public health and safety.

Consideration D – Cost-sharing/Partnerships/Obligations

The extent to which the proposed project demonstrates collaborative partnerships and leverages other funding sources. Reclamation will evaluate the benefits of projects based on the cost per acre-foot of system water generated and on the non-federal share of the cost (after excluding the federal funds provided from all sources), while seeking economic parity in investments as appropriate.

- Projects are encouraged to leverage multiple sources of funding through self-funding or in partnership with others (stakeholders, Federal agencies, and/or state agencies).
- Projects are encouraged to be developed in partnership with other community members, such as Tribes, water users, power contractors, non-governmental organizations, industry, and other stakeholders.

- 1. Please describe the partnerships involved in the proposal.** Does the project promote collaborative partnerships to address system conservation? Explain.
- 2. If the project includes cost-sharing, please indicate the federal vs. non-federal portion of the costs.**
- 3. Does the project help address Bureau of Reclamation’s legal and contractual obligations, or support other governmental initiatives?**
 - a. Beyond the water conserved in Lake Mead, does the project help fulfill any of Reclamation’s legal or contractual obligations such as providing water for Tribes, water rights settlements, river restoration, minimum flows, court orders, or other obligations? Explain.
 - b. Does the project implement a regional or state water plan or an integrated resource management plan? Explain.

Consideration E – Readiness to Proceed

The extent to which the proposed project is capable of proceeding upon entering into an agreement. Applications that include a detailed project implementation plan (e.g., estimated

project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates) will receive the greatest consideration under this element.

1. Identify and provide a summary description of the tasks necessary to complete the project. This section should focus on a summary of the major tasks to be accomplished as part of the project.
2. Describe any permits or other administrative approvals that will be required, along with the process for obtaining such.
3. Identify and describe any engineering or design work performed specifically in support of the proposed project.
4. Please also include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates. Milestones may include, but are not limited to, the following: complete environmental and cultural compliance; mobilization; begin construction/installation; construction/installation (50% complete); and construction/installation (100% complete).
5. Timing for implementation.
6. Indicate whether your project can be phased, replicated elsewhere, or scaled depending on available funding.

E. Federal Award Information

E.1 Water Contracts Information: Participants will be required to execute a System Conservation Implementation Agreement (SCIA) with Reclamation containing terms and conditions for the design, implementation, monitoring, evaluation of the LC Conservation Program plan, and compensation to the entitlement holder proposing the plan, and setting forth the obligations of the parties. By entering into a SCIA, the participant grants access to Reclamation to perform periodic on-site inspections of the system conservation project. Participants must be in compliance with all applicable Federal, State, and local environmental, cultural, and paleontological resource protection laws and regulations throughout the term of the SCIA. Reclamation's annual *Colorado River Accounting and Water Use Report: Arizona, California, and Nevada* will serve as the basis for documenting the amount of system conservation achieved under the LC Conservation Program.

E.2 Financial Assistance Agreement Information:

E.2.1. Register with the System for Award Management (SAM)

Register on the www.SAM.gov website. The "Help" tab on the website contains User Guides and other information to assist you with registration. Grants.gov also provides detailed instructions. You can also contact the supporting Federal Service Desk for help registering in SAM. Once registered in SAM, 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.**

E.2.2. Obtain a UEI Number

You are required to register in SAM.gov prior to submitting a Federal award application and obtain a Unique Entity Identifier (UEI). A UEI will be assigned to entities upon registering with SAM.

Note: Reclamation will not make a Federal award to an applicant until the applicant has complied with all applicable UEI and SAM requirements and, if an applicant has not fully complied with the requirements by the time the Reclamation is ready to make an award, Reclamation may determine that the applicant is not qualified to receive a Federal award and use that determination as a basis for making a Federal award to another applicant.

E.2.3. Administrative and National Policy Requirements

See the “DOI Standard Terms and Conditions” at <https://www.doi.gov/grants/doi-standard-terms-and-conditions> for the administrative and national policy requirements applicable to Department of the Interior awards.

E.2.4. Automated Standard Application for Payments Registration

All applicants must also be registered with and willing to process all payments through the Department of Treasury Automated Standard Application for Payments (ASAP) system. All recipients with active financial assistance agreements with Reclamation must be enrolled in ASAP under the appropriate Agency Location Code(s) and the DUNS Number prior to the award of funds. If a recipient has multiple DUNS numbers, they must separately enroll within ASAP for each unique DUNS Number and/or Agency. All of the information on the enrollment process for recipients, including the enrollment initiation form, will be sent to you by ASAP staff if selected for award.

Note that if your entity is currently enrolled in the ASAP system with an agency other than Reclamation, you must enroll specifically with Reclamation in order to process payments.

F. Environmental Compliance Information

F.1 Environmental and Cultural Resources Compliance

All Projects being considered for award funding will require compliance with NEPA before any ground-disturbing activity may begin. Compliance with all applicable Federal, state, and local environmental, cultural, and paleontological resource protection laws and regulations is also required. These may include, but are not limited to, the CWA, ESA, NHPA; consultation with potentially affected Tribes; and consultation with the State Historic Preservation Office.

All projects must meet Reclamation requirements for NEPA compliance and will be

responsible for evaluating technical information and ensuring that natural resources, cultural, and socioeconomic concerns are appropriately addressed. Reclamation is solely responsible for determining the appropriate level of NEPA compliance. Further, Reclamation is responsible to ensure that findings under NEPA, and consultations, as appropriate, will support Reclamation's decision on whether to fund a project.

Where environmental or cultural resources compliance requires significant participation by Reclamation, some costs anticipated to be incurred by Reclamation may be added as a line item to the budget during development of the financial assistance agreement and cost shared accordingly. Any costs to the recipient associated with compliance will be identified during the process of developing a final project budget for inclusion in the financial assistance agreement. A portion of Reclamation's estimated cost to complete environmental and cultural compliance activities may be withheld from the initial obligation of Federal funding. After compliance activities are completed, any remaining Federal funding will be obligated to the Agreement.

Note, if mitigation is required to lessen environmental impacts, the applicant may, at Reclamation's discretion, be required to report on progress and completion of these commitments. Reclamation will coordinate with the applicant to establish reporting requirements and intervals accordingly.

Under no circumstances may an applicant begin any ground-disturbing activities (e.g., grading, clearing, and other preliminary activities) on a Project before environmental and cultural resources compliance is complete, and Reclamation explicitly authorizes work to proceed. This pertains to all components of the proposed Project, including those that are part of the applicant's non-Federal cost share. Reclamation will provide a successful applicant with information once such compliance is complete. An applicant that proceeds before environmental and cultural resources compliance is complete may risk forfeiting Reclamation funding under this solicitation.

F.2 Environmental and Cultural Resources Considerations

To allow Reclamation to assess the probable environmental and cultural resources impacts and costs associated with each application, all applicants must respond to the following list of questions focusing on NEPA, ESA, and NHPA requirements. Applicants are to answer the following questions to the best of their knowledge. If any question is not applicable to the project, please explain why. The application should include the answers to the following questions.

- Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts.
- Is the applicant aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?

- Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as “Waters of the United States?” If so, please describe and estimate any impacts the proposed project may have, and any proposed mitigation.
- If the project involves work on an existing asset, when was that asset constructed?
- Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.
- Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at the applicant’s local Reclamation office or the State Historic Preservation Office can assist in answering this question.
- Are there any known archeological sites in the proposed project area?
- Will the proposed project have a disproportionate and adverse effect on communities with environmental justice concerns?
- Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?
- Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?
- Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?

G. Project Proposal Template

This template is suggested for the project proposal. If the application is done in a different format, all the requested information must still be provided.

Application Format and Length

The total template (defined below) shall be limited to a maximum of 25 consecutively numbered pages. If the submission requires information that will exceed 25 pages, please contact the LCB Conservation Team at LCBEfficiency@usbr.gov to request an exemption to this requirement. The font shall be at least 12 points in size and easily readable. Page size shall be 8½ by 11 inches, including charts, maps, and drawings. Margins should be standard 1-inch margins. Oversized pages will not be accepted.

You may submit supplementary materials if needed.

Note: Please flag any trade secrets and financial information that should be kept private, should proposals be made available to the public.

Application Template

Title of Proposed Activity:

Submitting Entity:

- Please note whether the Submitting Entity has previously participated in existing conservation programs and/or “Bucket 1” of the Lower Colorado Basin System Conservation and Efficiency Program.

Proposed Project Location:

Background: Provide a general description of the proposed activity as it relates to long-term system conservation and efficiency and the anticipated benefits to be realized by the Colorado River System.

- a. **Technical Project Description:** Describe the project in its entirety. This section shall have sufficient detail to permit a comprehensive evaluation of the proposal. Clearly indicate how the proposal will reduce demand on the Colorado River System.
- b. **Conservation Description:** Describe the amount of Colorado River System water to be conserved per year and over the life of the proposed project. Please describe how the system water conserved is based on a history of use (not entitlement). Provide an estimated cost per acre-foot of the conserved water (either on an annual basis or other proposed period of plan operation). Please include the following:
 1. The methodology for the estimated consumptive use reduction and an economic explanation of the proposed cost. Provide supporting information.
 2. Description of how the proponent will verify and document the consumptive use reduction on an annual or more frequent basis, as appropriate.
 3. The amount of time required before system conservation begins to be stored in Lake Mead, and the duration of that benefit.
 4. Complete description of how the proposed plan will ensure that the amount of conserved water to remain in Lake Mead will not be ordered by other entitlement holder(s), for example, through third party consents or forbearance agreements.
 5. Any additional information deemed helpful to explain and aid understanding of the proposal.
- c. **Technical Proposal Considerations:** Address each of the applicable considerations and sub-considerations in the order presented. See Section D. Technical Proposal Considerations for the information requested in response to the considerations and sub-considerations.

1. Consideration A – Quantifiable Water Savings
 2. Consideration B – Economic and Environmental Benefits
 - i. Sub-consideration B1 – Cost Effectiveness
 - ii. Sub-consideration B2 – Environmental Benefits
 3. Consideration C – Disadvantaged Communities
 4. Consideration D – Cost-sharing/Partnerships/Obligations
 5. Consideration E – Readiness to Proceed
- d. Environmental and Cultural Resources Considerations: Response to questions in Section F.2
- e. Financial Capability: Reclamation will execute a financial assistance agreement once Reclamation determines that there is sufficient evidence and likelihood that non-Federal funds will be available for initial implementation and long-term Operations, Maintenance and Replacement (OM&R). Please provide the following information:
1. The average annual operation and maintenance costs for the life of the Project. Please do not include periodic replacement costs in the operation and maintenance costs. Periodic replacement costs should be provided separately in response to Request (f) below. Note: This is an annual cost—not total cost.
 2. All estimated replacement costs by year as shown in Table 2. If there are multiple replacement costs in one year, or at the same interval, please total them and put them on one line with the estimated year or interval of the replacement.

Table 2. Replacement Costs by Year

Description of Replacement Requirement	Year	Cost
1.		
2.		
3.		
4.		
5.		
6.		
7.		

- f. Project Budget Description: Describe the proposed budget for the total project cost, and provide a budget table similar to the example below.
1. Please include a summary of the sources of all financial contributions and “in-kind” services to be applied toward the proposed activity. The budget proposal should include detailed information on the categories listed below, as seen in the example in Table 3. It is also strongly advised that applicants use the budget proposal format shown in Table 4 or a similar format that provides this information. If selected for award, successful applicants must submit detailed supporting documentation for all budgeted costs.

Table 3. Budget Table Example

Budget Item Description	Computation \$/UNIT	QUANTITY	Recipient FUNDING (if cost share)	Reclamation FUNDING	Total COST
SALARIES AND WAGES					
Supervisor	\$50/hr.	50	\$2,500	\$0	\$2,500
Labor	\$25/hr.	100	\$2,500	\$0	\$2,500
FRINGE BENEFITS	20%		\$1,000	\$0	\$1,000
TRAVEL				\$0	\$0
EQUIPMENT USE					
Pickups	\$.50/mi.	1000	\$500		\$500
SUPPLIES/MATERIALS					
Meters	\$1,500/ea	5		\$7,500	\$7,500
12" Open propeller flow meter	\$1,400/ea	2		\$2,800	\$2,800
CONTRACTUAL					
Engineering Consultant	\$5,000/LS	1	\$0	\$5,000	\$5,000
Environmental Mitigation	\$2,000/LS	1	\$0	\$2,000	\$2,000
OTHER					
Environment/Regulatory Compliance	\$2,000/LS	1	\$2,000	\$0	\$2,000
TOTAL DIRECT COSTS			\$8,500	\$17,300	\$25,800
INDIRECT COST (See attached rate approval)	35%		\$2,100	\$0	\$2,100
TOTAL PROJECT COSTS			\$10,600	\$17,300	\$27,900

Table 4. Sample Budget Proposal Format

Budget Item Description	Computation		Quantity Type	Recipient Funding (if cost shared)	Reclamation Funding	Total Cost
	\$/Unit	Quantity				
Salaries and Wages						
Employee 1						\$
Employee 2						\$
Employee 3						\$
Fringe Benefits						
Full-Time Employees						\$
Part-Time Employees						\$
Travel						
Trip 1						\$
Trip 2						\$
Equipment						
Item A						\$
Item B						\$
Supplies and Materials						
Item A						\$
Item B						\$
Contractual/Construction						
Contractor A						\$
Contractor B						\$
Other						
Other						\$
Total Direct Costs						\$
Indirect Costs						
Type of rate	percentage	\$base				\$
Total Estimated Project Costs						\$

Enclosure 2

Eligible Lower Colorado Basin Entitlement Holders

Glenn H. Lodge
Chairman
Chemehuevi Indian Tribe
P.O. Box 1976
Havasu Lake, CA 92363

Timothy Williams
Chairman
Fort Mojave Indian Tribe
500 Merriman Avenue
Needles, CA 92363

Amelia Flores
Chairwoman
Colorado River Indian Tribes
26600 Mohave Road
Parker, AZ 85344

Robyn Sahid
Commissioner
Arizona State Land Department
1110 West Washington Street
Phoenix, AZ 85007

Ty E. Gray
Director
Arizona Game and Fish Department
5000 West Carefree Highway
Phoenix, AZ 85086-5000

Mary Youmans & Russell Youmans
Managers
Beattie Farms Southwest
3025 Northwest Firwood Place
Corvallis, OR 97330

Toby Cotter
City Manager
City of Bullhead City
2355 Trane Road
Bullhead City, AZ 86442

Brenda Burman
General Manager
Central Arizona Water Conservation District
P.O. Box 43020
Phoenix, AZ 85080-3020

Michael Mullion
President
Cibola Valley Irrigation and Drainage
District
15822 River Road
Cibola, AZ 85328

Douglas J. Nicholls
Mayor
City of Yuma
P.O. Box 13014
Yuma, AZ 85364-3014

Robert Dunn
Manager
Gila Monster Farms
3720 South Avenue 17E
Yuma, AZ 85365

GSC Farm, LLC
c/o Michael Pearce, Esq.
40 Central Avenue, Suite 20
Phoenix, AZ 85004

Sherry Cordova
Chairwoman
Cocopah Indian Tribe
14515 South Veterans Drive
Somerton, AZ 85350

Timothy L. Nuvangyaoma
Chairman
Hopi Tribal Council
123 Main Street
Kykotsmovi, AZ 86039

Enclosure 2

Eligible Lower Colorado Basin Entitlement Holders

Chip Sherill
Chairperson
Mohave Valley Irrigation and Drainage
District
1460 East Commercial Street
Mohave Valley, AZ 86446

North Gila Valley Irrigation and Drainage
District
c/o Wade Noble, Attorney
1405 West 16th Street, Suite A
Yuma, AZ 85364

GM Gabrych Family Limited Partnership
2006 Old Highway 395
Fallbrook, CA 92028

Karen Bonds
Town Manager
Town of Parker
1314 11th Street
Parker, AZ 85344

Bryan Knight
Manager
Unit B Irrigation and Drainage District
15875 South Avenue A
Somerton, AZ 85350

Elston K. Grubaugh
General Manager
Wellton-Mohawk Irrigation and Drainage
District
30570 Wellton-Mohawk Drive
Wellton, AZ 85356

Tom W. Davis
Project Manager
Yuma County Water Users' Association
3800 West County 15th Street
Somerton, AZ 85350

Rex Green
Manager
Yuma Irrigation District
9510 South Avenue 7 East
Yuma, AZ 85365

Ronald Turner
Acting Manager
Yuma Mesa Irrigation and Drainage District
14329 South 4th Avenue Extension
Yuma, AZ 85365

Rick Daniels
City Manager
City of Needles
817 Third Street
Needles, CA 92363

Jim Barrett
General Manager
Coachella Valley Water District
75515 Hovley Lane East
Palm Desert, CA 92211

Enrique Martinez
General Manager
Imperial Irrigation District
333 East Barioni Boulevard
Imperial, CA 92251

Jess Knudson
City Manager
Lake Havasu City
2330 McCulloch Boulevard North
Lake Havasu City, AZ 86403

Ned Hyduke II
General Manager
Palo Verde Irrigation District
180 West 14th Avenue
Blythe, CA 92225

Enclosure 2

Eligible Lower Colorado Basin Entitlement Holders

John Entsminger
General Manager
Southern Nevada Water Authority
1001 South Valley View Blvd, MS 480
Las Vegas, NV 89153

Christina Balvanz
President
Ehrenberg Improvement District
49100 Ehrenberg-Parker Highway
Ehrenberg, AZ 85334

Mark Paris
President/CEO
Basic Water Company
875 West Warm Springs Road
Henderson, NV 89001-4063

Thomas Fitschen
Farm Manager
JRJ Partners, LLC
370 Main Street
Yuma, AZ 85364

Larry and Gina Ott and Lee C. and Candace
M. Ott
c/o Gila Valley Farms
4260 East County 8th Street
Yuma, AZ 85364

Patricia Miller
Manager
Cha Cha, LLC
4400 E. Highway 80
Yuma, AZ 85365

Mohave Water Conservation District
c/o Jamie Kelley
1355 Ramar Road, Suite 6
Bullhead City, AZ 86442

Nicholas Bahr
General Manager
Bard Water District
1473 Ross Road
Winterhaven, CA 92283

Douglas W. Dunham
Water Resources Manager
EPCOR Water Arizona, Inc.
2355 West Pinnacle Peak Road, Suite 300
Phoenix, AZ 85027

Lenny Ordway
Office Manager
PABCO Gypsum (A Division of PABCO
Building Products, LLC)
8000 E. Lake Mead Boulevard
Las Vegas, NV 89156

Adel Hagekhalil
General Manager
The Metropolitan Water District of Southern
California
700 North Alameda Street
Los Angeles, CA 90012

Sharon Megdal
Director
Water Resources Research Center
University of Arizona
350 North Campbell
Tucson, AZ 85719

Jordan D. Joaquin
President
Fort Yuma Quechan Tribe
P.O. Box 1899
Yuma, AZ 85366-1899

Bernadine Burnette
President
Fort McDowell Yavapai Nation
P.O. Box 17779
Fountain Hills, AZ 85269

Enclosure 2

Eligible Lower Colorado Basin Entitlement Holders

Peter S. Yucupicio
Chairman
Pascua Yaqui Tribe
7474 South Camino De Oeste
Tucson, AZ 85746

Tanya Lewis
Chairwoman
Yavapai-Apache Nation
2400 West Datsi Avenue
Camp Verde, AZ 86322

Terry Rambler
Chairman
San Carlos Apache Tribe
P.O. Box "o"
San Carlos, AZ 85550

Kasey Velasquez
Chairman
White Mountain Apache Tribe
P.O. Box 700
Whiteriver, AZ 85941

Calvin Johnson
Chairman
Tonto Apache Tribe
Tonto Apache Tribe Reservation No. 30
Payson, AZ 85541

Robert Ogo
President
Yavapai-Prescott Indian Tribe
530 East Merritt Street
Prescott, AZ 86301

Robert Miguel
Chairman
Ak-Chin Indian Community
42507 West Peters and Nall Road
Maricopa, AZ 85138

Stephen Roe Lewis
Governor
Gila River Indian Community
P.O. Box 97
Sacaton, AZ 85147

Martin Harvier
President
Salt River Pima-Maricopa Indian
Community
10005 East Osborn Road
Scottsdale, AZ 85256

Ned Norris Jr.
Chairman
Tohono O'odham Nation
P.O. Box 837
Sells, AZ 85634