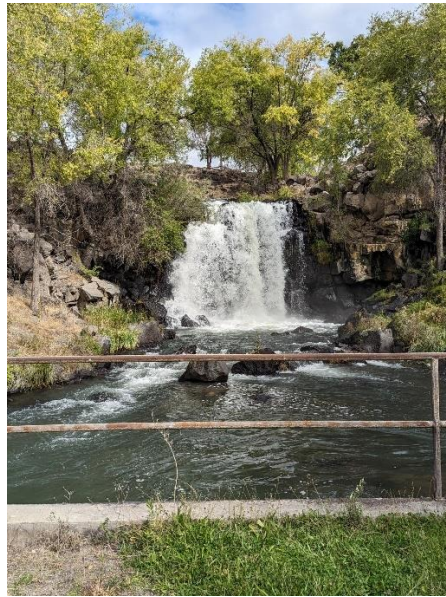


Boise Project Board of Control

Automation of the Waldvogel Canal And Waldvogel Wasteway



Application for:

WaterSmart Grants: Small-Scale Water Efficiency Projects

Notice of Funding Opportunity No. R24AS00059

January 16, 2024

Submitted by:

Boise Project Board of Control
2465 Overland Road
Boise, Idaho 83705-3155

Bob Carter, Project Manager
bcarter@boiseproject.org
Phone: 208-344-1141
Fax: 208-344-1437

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Executive Summary

Date: January 16, 2024
Applicant Name: Boise Project Board of Control
Applicant City, State: Boise, Idaho
Category: Category: A
Project Title: Automation of Waldvogel Canal and Wasteway
County of Project: Canyon County

Boise Project Board of Control, located in southwest Idaho, proposes to upgrade and modernize the Waldvogel Canal and Waldvogel Wasteway by installing automated gates and transducers. The gates will be connected to a Supervisory Control and Data Acquisition system to provide remote sensing and control of the gate operations, with monitoring of water levels on both waterways.

The goal of the project is to control flows and conserve water at the headworks of the Waldvogel Wasteway and within the Waldvogel Canal; to improve efficiency of use of the water in the irrigation system; and to prevent loss from spills and over flows. The SCADA system will provide real-time data to managers, which will control water loss, prevent damage, and to make deliveries to the water users on both the Waldvogel Canal and Waldvogel Wasteway. The proposed project is expected to begin procurement of supplies in September 2025; fabrication of the mounting frames, supports and gates in October 2025 off site; and installation onsite in January 2026, with completion by April 2026. The Waldvogel Canal and Waldvogel Wasteway are USBR federal facilities, operated and maintained by the Boise Project Board of Control. The project meets the goals of the Water Conservation Plan.



Waldvogel Canal & Waldvogel Wasteway Automation

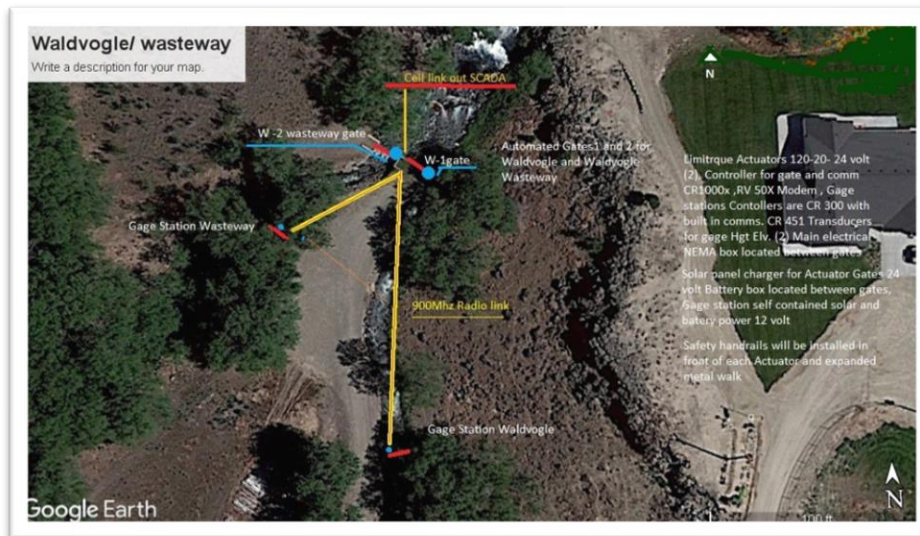


- Waldvogel Canal And Wasteway
- Other Laterals & Drains
- Irrigated by Waldvogel Canal
- Irrigated by Waldvogel Sub Laterals Above the Split
- Irrigated by Waldvogel Sub Laterals Below the Split



Project Location

The headworks of the Waldvogel Canal is located 12.2 miles from the proposed project site. The project site is in Canyon County, Idaho, 2.25 miles southeast of Melba, Idaho. The project latitude is 43°21'34" N and longitude is -116°29'59" W.



Technical Project Description

The proposed project consists of:

Waldvogel Canal:

- 1) Install a new motorized stem with automation on one of the two manually operated flat sided gates on the canal side
- 2) Expand the current walkway and install handrails for safety
- 3) Install transducer in the current stilling well which is located just downstream from the headgate
- 4) Install solar panels with battery backup
- 5) Connect to Supervisory Control and Data Acquisition system

Waldvogel Wasteway

- 1) The current headgate is approximately 14 feet wide. A new gate ~5 feet wide will be fabricated with a motorized stem. Checkboards will be installed on the other side as a safety mechanism, in case the automation fails
- 2) Expand the current walkway and install handrails for safety
- 3) Fabricate and install a stilling well with a new transducer to measure and monitor water going into the wasteway. The stilling well will be located just downstream from the headgate
- 4) Install solar panels with battery backup
- 5) Connect to Supervisory Control and Data Acquisition system

A transducer will also be installed within the pond to provide real time data for the pond height.

Project planning, procurement and coordination efforts are scheduled to begin in the summer of 2025. Shop fabrication of mounting frames, supports, and gates will take place in October 2025 off site. Field installation of the motors, stems, mounting frames, and supports will begin in

February - April 2026. Programming, calibration of the communications, and final testing will be completed after the start of the 2026 irrigation season, approximately April 10, 2026.

E.1.1. Evaluation Criterion A—Project Benefits

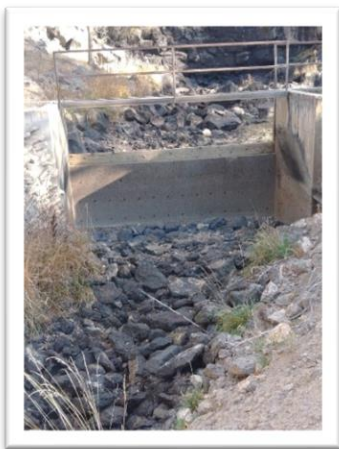
Benefits to the Category A Applicant’s Water Delivery System.

- Clearly explain the anticipated water management benefits to the Category A applicant’s water supply delivery system and water customers.

Water management at this location is challenging, especially with a system built in the early 1900’s. The Waldvogel Canal is diverted off the Mora Canal and meanders for 12.2 miles delivering irrigation water to pristine farmland until it goes over the Waldvogel Falls. At the bottom of the falls, the water pools in a pond and is diverted either into the canal and/or the headwaters of the Waldvogel Wasteway. There is no measuring device at the headgate of the wasteway or the canal. The only way to control the amount of diversion into the wasteway is adjusting the gates height of the canal approximately 20 feet away.

After the gate, the Waldvogel Canal carries 175 acre-feet for deliveries further downstream to 2,174 acres. Installation of SCADA and automation, will allow water managers to see real-time water flows in both waterways and make necessary changes to the canal and/or wasteway in order to conserve water and confirm the appropriate amount of water is delivered in each of the waterways.

The wasteway is just that, a wasteway, however, it does deliver water to the head of the Sproat Lateral, irrigating 269 acres with 8 acre-feet of water. The Sproat Lateral is 4 miles from the head of the wasteway. As a wasteway, it also works as a drain and water is naturally collected into the wasteway from farms. By installing a new weir and transducer at the headwaters of the wasteway, water managers will be able to determine how much drain water is spilled into the wasteway and adjust the water being diverted into the wasteway. A transducer is already installed at the headwaters of the Sproat Lateral providing data to water managers.



Left: Headwaters of Waldvogel Wasteway. Please note: no measuring device or gate to control diversion. A new headgate will be installed along with expanding the walkway for safety.

Right: Weir for the Waldvogel Canal with two manually operated gates. In addition to new automated gate, the walkway will be expanded to completely cover the opening for safety.



The canal has two 24-inch manually operated headgates, and the wasteway headwaters is a weir with no means of measurement.



Left: Waldvogel Canal headgate on pond side.

- Where any conserved water as a result of the project will go and how it will be used?

The proposed project will provide real-time data to the water managers to only divert the requested water into the canal system allowing the conserved water to remain in the reservoirs and extending the water season.

Explain the significance of the anticipated water management benefits for the Category A applicant's water delivery system and customers. Consider:

- Are customers not currently getting their full water right at certain times of the year?

Southwest Idaho is currently experiencing a drought. BPBC customers are allowed to received up to 3.75-acre feet of water per acre if the water is available. BPBC primary water supply is from both natural flow on the Boise River and storage in Arrowrock and Anderson Reservoirs. Allowance is set when more irrigation water is being pulled out of the reservoirs than what is going into the system. At this point managers assess the amount of water available in the reservoirs for the remainder of the irrigation season. See Table 1: Allotment which shows the amount of water allocated to our water users and the date allotment was set.

Table 1: Allotment

YEAR	ALLOTMENT (acre-feet per acre)	DATE
2012	1.90	August 1
2013	1.00	April 22
	1.40	June 5
2014	2.25	June 18
2015	1.65	April 16
	2.35	June 3
	2.95	June 12
2016	2.60	June 15
2017	2.45	July 14
	2.60	July 26
2018	2.65	June 15
2019	2.70	July 3
2020	2.75	June 25
2021	1.60	June 10
2022	1.2	April 22
2023	3.0	June 29

BPBC adjusts the water being diverted from the reservoirs and within the canal system daily according to demand. During times of high demand, the carrying capacity of the Mora Canal is not enough to meet those demands, therefore BPBC limits the water deliveries to “inch-to-the-acre” – water users can only have one inch of water per acre. The limitations could last a week or up to a month, depending on the demand.

- Does this project have the potential to prevent lawsuits or water calls?

This project has the potential to prevent lawsuits from the water users if the water levels fluctuate and overflow, causing extensive damage to crops and property. Not to mention loss of livestock and potential lives.

- What are the consequences of not making the improvements?

The consequences range from too much or too little water diverted into both the Waldvogel Canal and Wasteway, over or under deliveries, spills and overflows, damage to crops and property and loss of livestock and lives.

- Are customer water restrictions currently required?

As noted in the above Table 1: Allotment water is restricted in low water years. The earlier the allotment date is set, indicates water is restricted to that amount for the remainder of the irrigation season. During the heat of the summer and demand for additional water, the canal system is not capable of carrying the requested water, water users in this area are restricted to “inch-to-the-acre” until the demand drops.

- Other significant concerns that support the need for the project.

The biggest concern is water conservation, delivering water accurately and safely. Knowing where the water is at, and how much water is needed is the first step in water conservation. With no measuring devices on either waterway or in the pond, this project will provide real time data information to help water managers know how much water is needed to divert out of the reservoirs and into the canals, conserving water and possibly eliminating water restrictions.

Broader Benefits

- Will the proposed project increase collaboration and information sharing among water managers in the region?

This project does increase collaboration and information sharing among the five irrigation districts the BPBC delivers water for on their behalf. Each district has at least one member on the Board of Directors.

- Is the project in an area that is experiencing, or recently experienced, drought, or water scarcity? Will the project help address drought conditions at the sub-basin or basin scale?

As mentioned above, southwest Idaho has been experiencing drought conditions for several years. The proposed project will improve broader water supply reliability by preventing less waste of water due to over/under deliveries, overflows/spills, and conserves water in the reservoirs, with the hope of extending the water season.

- Will the project benefit species (e.g., federally threatened or endangered, a federally recognized candidate species, a state listed species, or a species of particular recreational, or economic importance)?

The conserved water will remain in the reservoir systems longer which will help keep the reservoir temperatures cooler and water deeper for the fish, especially the Bull Trout. The Bull Trout is listed as a “Threatened” species under the Endangered Species Act and is part of State of Idaho Bull Trout Conservation Plan 1996. The water savings received from the reduction in seepage will directly benefit the bull trout in the Boise River system i.e., Lucky Peak, Arrowrock and Anderson Ranch reservoirs.

- Will the proposed project positively impact/benefit various sectors and economies within the applicable geographic area (e.g. impacts to agriculture, environment, recreation, and tourism)?

The project will help stabilize the canal levels and a decrease of personal property and crop damage due to over/under deliveries, overflows and spills. With less water being drawn from the reservoirs, it will have an impact on recreation on the reservoirs. With boating and fishing on the Arrowrock, Anderson and Lucky Peak Reservoirs, along with Lake

Lowell, the recreationists will receive the benefits of the conserved water remaining in the reservoirs and the lake, which also benefits the local economy and tourism.

- Will the project complement work being done in coordination with NRCS in the area?

No, this will not complement a current NRCS project.

E.1.2 Evaluation Criterion B – Planning Efforts Supporting the Project

Is your project supported by a specific planning document or effort? When was the plan developed? What is the purpose and objective of the plan?

The BPBC adopted a Water Conservation Plan in 2010 and is in the process of being updated to address many challenges from the current drought and an increase in population. The current plan addresses installation of appropriate water measurement devices to assure water is not being lost to excess deliveries. This project implements a portion of the Project's Water Conservation Plan, Objective #4.

Every year, the watermasters request projects to be completed in the upcoming year. The requests are prioritized by water conservation, operational efficiency, safety, and project costs. The Waldvogel Canal and Wasteway have been chosen due the inefficient headgates; to provide a means for the water managers to measure the amount of water diverted into each waterway; to verify the correct amount of water is being diverted out of the reservoir and into the delivery system and for water conservation.

Boise Project has installed over 34 SCADA automated sites to conserve water and provide quicker response times due to overflows and spills.

E.1.3. Evaluation Criterion C— Implementation and Results

- **Describe the implementation plan for the proposed project. Please include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates.**

The preparation for the project will begin in March 2025 with planning, environmental study, and procurement of materials to be completed by September 2025. Fabrication of the mounting frames, security box, battery box, gate and hand rail will be done off-site during the fall/winter of 2025/2026. Once fabrication is complete, the actuator, safety rail, and electrical mechanics, will be installed on site in early April 2026. Integration into the existing SCADA program will begin by April 2026 with final testing to be completed after the start of the 2026 irrigation season.

Table 2: Estimated Project Schedule

Milestone/Task	Planned Start Date	Planned Completion Date
1) Planning and coordination	March 2025	July 2025
2) Procurement	September 2025	March 2026
3) Fabrication of mounting frames, supports, safety rail and gates, off-site	October 2025	March 2026
4) Field installation of gates, walkway, transducers, actuators and electrical work	March 2026	April 2026
5) SCADA integration	April 2026	April 2026
6) Final Testing & Site Operational	April 2026	April 2026
7) Beginning of Irrigation Season	April 2026	April 2026

- **Describe any permits that will be required, along with the process for obtaining such permits.**

With the project site entirely within BPBC and USBR facilities and easements, no permits are required.

- **Identify and describe any engineering or design work performed specifically in support of the proposed project.**

All design work will be performed in house by BPBC employees. The welder/fabricator will design the handrails, walkways and the new weir.

- **Identify and describe any engineering or design work performed specifically in support of the proposed project.**

N/A

- **Does the applicant have access to the land or water source where the project is located? Has the applicant obtained any easement that are required for the project?**

With the project site entirely within BPBC and USBR facilities and easements, no easements are required.

- **Identify whether the applicant has contacted the local Reclamation office to discuss the potential environmental and cultural resource compliance requirements for the project and the associated costs.**

Contact has been made with the local Reclamation office to discuss potential environmental and cultural resource compliance requirements.

E.1.4. Evaluation Criterion D—Nexus to Reclamation

- **Is the proposed project connected to a Reclamation project or activity?**

The irrigation districts served by the BPBC are parties to repayment agreements pursuant to the Water Supply Act of 1958 and thus are obligated under Section 210 to the Reclamation Reform Act of 1982 to plan and implement water conservation measures.

• Does the applicant have a water service repayment, or operations and maintenance (O&M) contract with Reclamation?

Boise Project Board of Control is the operating agent for five irrigations districts (New York Irrigation District, Boise-Kuna Irrigation District, Nampa-Meridian Irrigation District, Wilder Irrigation District and Big Bend Irrigation District). Its purpose is to manage the irrigation facilities and other works transferred by the USBR to these five irrigation districts and to deliver water to their landowners. These facilities are referred to as “transferred works.” The irrigation districts are parties to repayment agreements pursuant to the Water Supply Act of 1958.

• If the applicant is not a Reclamation contractor, does the applicant receive Reclamation water through a Reclamation contractor or by any other contractual means?

As noted above, BPBC receives its water through the five districts which holds the water rights for its patrons, and the New York Canal and over 1,500 miles of laterals and canals are federal facilities.

• Will the proposed work benefit a Reclamation Project area or activity?

Yes, the proposed project will benefit a Reclamation project.

E.1.5 Evaluation Criterion E – Presidential and Department of the Interior Priorities

E.1.5.1 Sub-criterion No. E1. Climate Change

Combating the Climate Crisis

- Please provide specific details and examples on how the project will address the impacts of climate change and help combat the climate crisis.

The impacts of climate change are many; the temperatures are rising, creating a longer growing season, increases in demand for irrigation water, the temperature of the water in rivers and reservoirs are also increasing which decreases the oxygen and lead to fish die-offs; wildfires are more frequent and rampant, which leads to decrease in snowpacks and spring run-off.

This project will help combat the climate crisis by conserving the water which remains in the system longer and/or is delivered to our water users as the watermasters and ditchriders will be able to divert the correct amount of water into each canal as needed, and provides a tool to monitor the height of the canals and control the head pressure for deliveries, alerting managers of any sudden or unexpected changes in canal levels due to spills or overflows, therefore meeting the demand for a longer irrigation season, and the higher temperatures.

- Does this proposed project strengthen water supply sustainability to increase resilience to climate change? Does the proposed project contribute to climate change resiliency in other ways not described above?

This project will play a small part in strengthening the water supply sustainability by allowing the conserved water to be used instead of being lost into the drain, or from spills and overflows, keep the diversions down and the water remaining in the reservoirs and extending the water season.

E.1.5.2 Sub-criterion No. E2. Disadvantaged or Underserved Communities

The proposed project is located outside of Melba, Idaho in Southwest Idaho. According to the 2020 U.S. Census and the median household income is \$42,500 with an employment rate of 62.3%, with an estimated 50% working in natural resources, construction and maintenance occupations category which includes farming. Farming is a major employer in the area of the proposed project and by providing irrigation water to the growers, it allows for the continuation of jobs and economic growth opportunities.

E.1.5.3. Sub-criterion No. E.3. Tribal Benefits

- Does the proposed project directly serve and/or benefit a Tribe? Will the project improve water management for a Tribe?
No.
- Does the proposed project support Tribal resilience to climate change and drought impacts or provide other Tribal benefits such as improved public health and safety by addressing water quality, new water supplies, or economic growth opportunities?
No.

H.1 Environmental and Cultural Resource Considerations

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.

Modification of the headworks will have minimal earth disturbing construction and have little effect to the surrounding environment. All construction activities, including welding, will be located within the canal and/or easements. The project will take place before the 2026 irrigation season when temperatures are lower and increased precipitation levels will help reduce the potential of dust. Should dust become an issue, BPBC will apply water applications to ensure dust abatement.

- **Are you 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?**

There are no known endangered or threatened species in the project site.

- **Are there wetlands or other surface waters inside the project boundaries that potentially fall under Clean Water Act (CWA) jurisdiction as “Waters of the United States?” If so, please describe and estimate any impacts the proposed project may have.**

Wetlands are not present within the vicinity of the proposed sites.

- **When was the water delivery system constructed?**

The water delivery system was constructed in 1908.

- **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.**

Some minor modifications will occur to the structure, with the installation of the automation and walkways with handrails for safety. The current structure will remain intact.

- **Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places?**

There are no buildings, structures or features listed or eligible for listing on the National Register of Historic Places in the project site.

- **Are there any known archeological sites in the proposed project area?**

There are no archeological sites within the project area.

- **Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?**

No, the project will not have any effect on any population.

- **Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?**

The project site is not within 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?**

The proposed project sites will not contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area.

D.2.2.5. Required Permits or Approvals

No permits or approvals are required for this project, as all work will be done within easement BPBC and USBR easements.

D.2.2.6 Overlap or Duplication of Effort Statement

There is no overlap between the proposed project and any other active or anticipated proposals or projects. This proposal submitted for consideration under this program does not in any way duplicate any proposal or project that has been or will be submitted for funding consideration to any other potential funding source – Federal or non-Federal.

D.2.2.7 Conflict of Interest Disclosure Statement

There is no known conflict of interest by Boise Project Board of Control personnel with this project.

D.2.2.8 Uniform Audit Reporting Statement

Boise Project Board of Control was not required to submit a Single Audit report in our last fiscal year

D.2.2.11 Letters of Support

Please see Attachment C – Letter of Support from Boise-Kuna Irrigation District

D.2.2.13 Official Resolution

The Board of Directors of the Boise Project Board of Control met on December 6, 2023 at which the Official Resolution was approved and signed by the Chairman of the Board. See Attachment B.

D.3 Unique Entity Identifier and System for Award Management

The BPBC is registered with System for Award Management (SAM). The Unique Entity Identifier is SWMGTWB1U2C3. Registration in SAM will remain active.

D.2.2.3 Project Budget

Narrative

Boise Project Board of Control is seeking \$43,553 in funding. The total project cost is \$87,105. The budget established for this project is based on a similar project performed in the Fall/Winter 2022/2023.

Table 3: Total Project Cost Table

Funding Sources	Funding amount
Costs to be reimbursed with the Federal Funding	\$43,552
Costs to be paid by the applicant	\$43,553
Value of third-party contributions	\$0
TOTAL PROJECT COST	\$87,105

Budget Proposal

The proposed budget for this project is presented in Attachment A. The budget established for this project is based on a similar project performed in the Fall/Winter of 2022/2023.

Budget Narrative

Salaries & Wages

The following key personnel from BPBC will be charging time on this project:

- [REDACTED] Project Lead – will oversee, procure materials, program and test the automation and manage the project. Hourly rate is based on his current rate plus a 3% increase which is the average annual increase in compensation for all employees. Compensation rates are consistently applied to Federal and non-Federal activities.

Task 1: 2 hrs x \$34/hr = \$ 68
 Task 2: 2 hrs x \$34/hr = \$ 68

Task 5: 7 hrs x \$34/hr =	\$238
Task 6: 2 hrs x \$34/hr =	\$ 68
Total: 13 hours	\$442

- [REDACTED] – will assist the Project Lead, supervise the laborers, and take part in the fabrication and installation of project. Hourly rate is based on his current rate plus a 3% increase which is the average annual increase in compensation for all employees. Compensation rates are consistently applied to Federal and non-Federal activities.

Task 3: 74 hrs x \$27/hr =	\$1,998
Task 4: 41 hrs x \$27/hr =	\$1,107
Total 115 hours	\$3,105

- BPBC full time laborers will provide the bulk of the labor for this project which includes all fabrication and installation. Hourly rate is based on his current rate plus a 3% increase which is the average annual increase in compensation for all employees. Compensation rates are consistently applied to Federal and non-Federal activities.

Task 3: 134 hrs x \$22/hr =	\$2,948
Task 4: 54 hrs x \$22/hr =	\$1,188
Total 188 hours	\$4,136

- Reporting requirements: 10 hours - Hourly rate is based on his current rate plus a 3% increase which is the average annual increase in compensation for all employees. Compensation rates are consistently applied to Federal and non-Federal activities.
- As required by the NOFO, this certifies the labor rates include in the budget proposal represent the actual labor rates as of January 1, 2024 with a projected 3% pay increase effective January 1, 2025. Furthermore, these rates are consistently applied to Federal and non-Federal activities.

Fringe Benefits

Fringe benefits include payroll taxes, health insurance and retirement.

Payroll taxes – Social Security/Medicare: 7.65%

Retirement: 13.58%

Health Insurance projected for 2025: \$835.63 a month or \$4.82/hour

Equipment

Two gate actuators will be purchased at a total cost of \$38,844.00. The cost is based on a previous project from 2023.

Materials and Supplies

Procurement of materials will begin in March 2025. Prices used in this proposal are based on a similar project done in the Fall/Winter of 2022/2023. An itemized list is provided in the proposed budget in Attachment A.

Contractual

None

Construction

All equipment used for this project is owned by BPBC and will be charged at the equipment usage rates outlined by the United States Army Corps of Engineers and their Construction Equipment and Operating Expense Schedule. Estimated number of project hours for the excavator was extrapolated used actual numbers and data from similar sized projects Boise Project has completed in the past.

2011 Cat Crawler Mini Excavator will be used for site preparation and trenching.
3 hour at \$17/hr = \$50

Third-Party In-Kind Contributions

None

Environmental and Regulatory Compliance Costs

A Compliance Application has been submitted to the local Bureau of Reclamation. As of the date of this submission, the application is still under review.

Other Expenses

None.

Indirect Costs

Boise Project does not have a current Federal negotiated indirect cost rate agreement so indirect costs were calculated using the 10% de minimis rate against MTDC as detailed below.

Personnel	\$ 7,983
Fringe Benefits	\$ 3,246
Equipment	N/A
Supplies	\$25,643
<u>Construction</u>	<u>N/A</u>
Total	\$36,872 x 10% = \$3,687

Attachment B – Official Resolution

DONALD BARKSDALE
CHAIRMAN OF THE BOARD

FRED BUTLER
VICE CHAIRMAN OF THE BOARD

ROBERT D. CARTER
PROJECT MANAGER

THOMAS RITTHALER
ASSISTANT PROJECT MANAGER

APRYL GARDNER
SECRETARY-TREASURER

MARY SUE CHASE
ASSISTANT SECRETARY-
TREASURER

BOISE PROJECT BOARD OF CONTROL

(FORMERLY BOISE U.S. RECLAMATION PROJECT)

2465 OVERLAND ROAD
BOISE, IDAHO 83705-3155

OPERATING AGENCY FOR 167,000
ACRES FOR THE FOLLOWING
IRRIGATION DISTRICTS

NAMPA-MERIDIAN DISTRICT
BOISE-KUNA DISTRICT
WILDER DISTRICT
NEW YORK DISTRICT
BIG BEND DISTRICT

TEL: (208) 344-1141
FAX: (208) 344-1437

OFFICIAL RESOLUTION FOR WATERSMART GRANTS: SMALL-SCALE WATER EFFICIENCY PROJECTS NOFO No. R24AS00059

WHEREAS, The U. S. Bureau of Reclamation is seeking proposals from irrigation districts who want to leverage their money and resources by cost sharing with Reclamation on small-scale on-the-ground projects that seek to conserve, better manage, or otherwise make more efficient use of water supplies.

WHEREAS, the Boise Project Board of Control desires to apply for funding through Reclamation's WaterSMART Grant Program;

NOW THEREFORE BE IT RESOLVED that the Board of Directors of the Boise Project Board of Control agree and authorize the following:

1. The Board has reviewed and supports this proposal for modifying the headgates of the Waldvogel Canal and Wasteway with solar powered automation with connectivity to SCADA program.
2. The Boise Project Board of Control is capable of providing the amount of funding and/or in-kind contributions as specified in the funding plan; and
3. If selected for the WaterSMART Grant, the Boise Project Board of Control will work with Reclamation to meet established deadlines for entering into a cooperative agreement.
4. Bob Carter, Project Manager, has the legal authority to sign and enter into the agreement

Passed and adopted by the Board of Directors of the Boise Project Board of Control during its regular meeting on the 6th day of December, 2023.



Donald Barksdale
Chairman of the Board

Attachment C – Letter of Support

Boise-Kuna Irrigation District

129 N. School Avenue
Kuna, ID 83634

Dave Reynolds, Director
Richard Durrant, Director
Dan Sheirbon, Director

Telephone (208) 922-5608
Fax (208) 922-5659

December 5, 2023

Mr. Bob Carter
Boise Project Board of Control
2465 Overland Road
Boise, ID 83705

Dear Mr. Carter:

The Boise-Kuna Irrigation District fully supports the application submitted by Boise Project Board of Control to the U.S. Bureau of Reclamation for grant funding under the WaterSMART, Small-Scale Water Efficiency Projects.

Boise Project Board of Control is the operation and maintenance entity for Boise-Kuna Irrigation District. This project plays a vital role in conserving water for Boise-Kuna Irrigation District and the other districts within the Boise Project Board of Control's delivery area. The project represents the continued efforts to conserve water by Boise Project Board of Control by automating the headgates of the Waldvogel Canal and Wasteway. The project will conserve surface water by preventing loss from spills and over-flows and will play a significant role in the efficiency of delivering this precious resource to our patrons.

Thank you for your consideration of the Boise Project Board of Control's application and this letter of strong support.

Sincerely,



David Reynolds, Chairman
Boise-Kuna Irrigation District