

**VANBRIMMER DITCH COMPANY**

**VANBRIMMER PIPING PROJECT**

**WaterSMART Small-Scale Water Efficiency  
Projects for Fiscal Year 2022**

**Funding Opportunity Announcement  
R22AS00195**

**Applicant**

**Vanbrimmer Ditch Company  
620 Main Street  
Klamath Falls, OR 97601**

**Brent Haskins, Project Manager**

**P. O. Box 213  
Merrill, OR 97633  
Phone: 541-891-4104  
email: [haskins@e-isco.com](mailto:haskins@e-isco.com)**

**Vanbrimmer Ditch Company**

**620 Main Street  
Klamath Falls, OR 97601  
Contact: Kay Heath  
Phone: 541-882-6331  
Fax: 541-883-1501  
email: [kayheath@parksandratliff.com](mailto:kayheath@parksandratliff.com)**

**VANBRIMMER DITCH COMPANY**  
**Klamath Basin, Oregon**

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## Technical Proposal and Evaluation Criteria

### Executive Summary

**Date:** April 28, 2022  
**Applicant Name:** Van Brimmer Ditch Company (VBDC)  
**City, County, State:** Merrill, Klamath county, Oregon  
**Category:** VBDC is a Category A Applicant

- **A one paragraph project summary that provides the location of the project, a brief description of the work that will be carried out, any partners involved, expected benefits and how those benefits relate to the water management issues you plan to address. This information will be used to create a summary of your project for Reclamation’s website if the project is selected for funding.**

This project is submitted under Notice of Funding Opportunity No. R22AS00195. Funding will be utilized for the conversion of approximately 1,000 feet of open canal to a buried pipe system. If funded, the completed project is anticipated to conserve approximately 400-450 acre-feet per year of water. Water savings resulting from this project would aide in conserving water resources in the reservoirs and rivers of the Klamath Project, an area that has experienced much controversy over water availability in previous decades.

- **State the length of time and estimated completion date for the proposed project.**

Upon receiving confirmation of Reclamation funding, and completion of the NEPA and NHPA compliance requirements, VBDC anticipates it will complete the project roughly within two years. The following schedule assumes that both the NEPA and the NHPA process would require approximately six months for completion and thus construction would be delayed until the fall of 2024 and would be completed in spring 2025. Completion of the NEPA and NHPA processes dictate the project schedule.

Project Schedule (depending on NEPA/NHPA compliance)

Apr. 2022 - Submit grant application  
Mar. 2023 - Anticipated Grant is awarded  
June 2023 - Anticipate Agreements  
Jan. 2024 - Begin NEPA and cultural resources process  
Jul. 2024 - Anticipated finalization of NEPA and NHPA compliance  
Jul. 2024 - VBDC requests final bids for pipe and contracting  
Aug 2024 - Purchase pipe and materials  
Nov 2024 - March 2025 (weather dependent) - Construction  
Spring 2025 - Any final construction complete by March 31, 2025

- **Whether or not the proposed project is located on a Federal facility.**

The ditch is not located on Federal facility.

## PROJECT LOCATION

The Van Brimmer Falvey Road Piping Project is located in Klamath County, Oregon. It will begin just north of where the ditch goes under the bridge on Falvey Road, approximately 1.25 miles west of the city of Merrill, Oregon. The northern tip of the project latitude is 42.02429°N and the longitude is 121.62781°W; the southern tip of the project would extend 1,000 feet from the northern end. Using the Public Land Survey System, the north tip of the project is just above the south boundary Section 3 of Township 41 South, Range 10 East of the Willamette Meridian, and continues in a southeasterly direction in Section 10 of Township 41 South, Range 10 East of the Willamette Meridian.

## TECHNICAL PROJECT DESCRIPTION

**Provide a more comprehensive description of the technical aspects of your project, including the work to be accomplished and the approach to complete the work. This description should provide detailed information about the project including materials and equipment and the work to be conducted to complete the project. This section provides an opportunity for the applicant to provide a clear description of the technical nature of the project and to address any aspect of the project that reviewers may need additional information to understand.**

VBDC proposes to convert approximately 1,000 feet of the open, unlined portion of its canal from just north of Falvey Road and east of Merrill Pit Road, where the canal goes under a county bridge, which is constructed over the canal, and continuing in a southeasterly direction to a piping system using 60-inch HDPE. It is anticipated that the project will initially connect with a 58-inch pipe already in ground by the construction of a headwall and/or any other feature necessary to connect the current in-ground 54-inch pipe with the proposed project. If the proposal is awarded, VBDC would procure the necessary supplies and materials for the pipe installation and would use qualified contractors for the installation of the pipe.

To start the project, the contractor will use a low-boy to transport the pipe from the point of delivery to the project site. The one existing turnout within the canal that would impede the placement of the pipe would be removed. Fencing in and near the project site that would prohibit construction would also be removed. The contractor will utilize an excavator and D-4 Caterpillar to laser level the existing canal bed. The canal will be leveled to allow the pipe to lay properly at grade and allow for gravity flow through the piping system. No excavation beyond the depth of the existing canal bed is anticipated. Once the ground is leveled, the contractor will begin installing the pipe. A concrete service box would necessarily be constructed at the site of the one turnout located in the project site. A concrete headwall, or other feature necessary to connect the current in-ground 58-inch pipe with that of the proposed project would be constructed at the northern end of the project. Once the pipe, headwall and service box are installed, the pipe will be backfilled with soil from the existing canal banks. Once backfilled, the new pipe will have a minimum cover of two feet and will be approximately seven feet in the ground. In an effort to not distort the underlying pipe compaction above the piping would be minimal. The disturbed

areas on and neighboring the buried pipe would be revegetated with drought tolerant pasture grass.

## **EVALUATION CRITERIA**

### **Evaluation Criterion A - Project Benefits**

**Benefits to the Category A Applicant's Water Delivery System: Describe the expected benefits to the Category A applicant's water delivery system. Address the following:**

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

The stretch of the canal under consideration in submitting this proposal experiences significant subterranean leakage due to the makeup of the soils through which it flows, which are primarily sandy loam on hardpan. In addition, VBDC incurs expense every year in cleaning the ditch.

The ditch carries approximately 62 cfs in this reach of the canal, and it is anticipated that piping of this reach will save a loss of approximately 8 cfs to 10 cfs for every 500 feet that is piped.

It is anticipated that the water saved by completing the project will, therefore, provide more water available for down-canal irrigators, particularly in dry years; piping will increase the velocity of the flow, will decrease the amount of pumping that will need to be done from the Malone Pump station, will save VBDC the expense of maintaining the ditch in this reach, and will address issues of water quality.

- **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?**

The ditch has historically had difficulty delivering water to its lower reaches and to the irrigators who depend upon the water in that area. The project will benefit VBDC's water supply in general, by eliminating the subterranean seepage, particularly in the reach of the proposed project, and by saving water that otherwise would be lost in charging the ditch at the beginning of the season and to evapotranspiration in the reach of the proposed project, thus making more of its water available in the lower end of its system.

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

Yes, to the extent that VBDC may be liable for damage caused to the bridge over the canal at the location of the project, which is owned by Klamath County, from recent

damage to the superstructure of the bridge caused by a breakdown of the ditch canal at that location, and to the extent that VBDC may bear liability for damage to lawsuits brought to contiguous landowners in the event of a major blow-out of the ditch in this reach.

- **What are the consequences of not making the improvement?**

First and foremost, VBDC will continue to lose from 8 cfs to 10 cfs of water due to seepage. In addition, VBDC has already incurred a great deal of expense in repairing and maintaining this reach of the ditch, which from time-to-time experiences major breakdowns from seepage and leakage and will continue to incur such expense, and experience the loss, unless this reach of the ditch is lined or piped.

- **Are customer water restrictions currently required?**

No

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

The Klamath Basin has been experiencing severe drought conditions for several years, and projects that aim to conserve the precious limited water supply are needed. Implementation of this project would conserve water and assist in minimizing drought-related impacts.

**Broader Benefits: Describe the broader benefits that are expected to occur as a result of the project. Consider:**

**Will the project improve broad water supply reliability at sub-basin or basin scale?**

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

This proposed project is a coordinated effort between VBDC and Reclamation and will benefit District water users and the Klamath Project as the effort will result in improved delivery systems. All water that will be conserved as a result of this project would directly remain instream (in the Klamath River and Lost River) for wildlife benefits and downstream users. A surplus of water would allow greater flexibility in Reclamation's management of the Klamath Project, and, dependent on annual precipitation levels within the Klamath Basin, the water may be diverted on to the neighboring refuges to support Fish and Wildlife Service's mission and the greater Klamath River system. Although it cannot be guaranteed that the Klamath Project/Basin partners will collaborate in implementing adaptation strategies in the future, VBDC is hopeful that this and its other prior successful conservation projects will serve as a model for other water districts.

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

The proposed project will have a positive impact on agriculture in general by not only providing a more reliable source of water to irrigators but by improving the quality of the water being delivered as well. In addition, the risk of rupturing the canal bank in the reach of the proposed project will be greatly reduced.

- **Will the project complement work being done in coordination with NRCS in the area (e.g., the area with a direct connection to the districts water supply)? Please explain.**

No specific commitments have been arranged with NRCS at this time; however, VBDC is exploring on-farm improvement options with NRCS and other organizations involved in that effort.

- **Will the project help address drought conditions at the sub-basin or basin scale? Please explain.**

Considering the major drought conditions of the Klamath Basin, any amount of water saved by a piping project is a benefit to the drought conditions, and any water saved by this proposed project will be not only be made available to irrigators in the lower reaches of the VBDC system, but would benefit other irrigators and wildlife refuges outside the VBDC system as well. This project would also support the goals identified in the 2016 Klamath Basin Study, which is further explained in Evaluation Criterion B.

## **Evaluation Criterion B: Planning Efforts Supporting the Project**

**Plant Development:** Describe how your project is supported by an existing planning effort. Identify the planning effort and who developed it. If the planning effort was not completed by the Category A applicant, describe the Category A applicant's involvement in developing the planning effort.

The Klamath Basin Study completed in August 2016 by Reclamation in partnership with the Oregon Water Resources Department and the California Department of Water Resources explored the decreasing of water demand as an adaptation strategy category. Agricultural water conservation was one concept within that category, and it includes canal lining and piping projects as an activity to obtain water conservation goals. As VBDC is a participating stakeholder in the Klamath Project, it was invited to provide input throughout the Basin Study process.

VBDC's proposed project would support this effort as seepage and evaporation would be eliminated along the section of canal that would be piped and approximately 400-450 acre feet of water would be saved annually. All conserved water would remain instream within

the Lost River; however, if Klamath Project operations and other conditions allow, the conserved water could be routed into the Klamath River system to support further agricultural water uses, environmental needs, Tribal treaty rights, and other interests that were identified in the study.

### **Evaluation Criterion C: Implementation and Result**

- **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 asks, milestones, and dates.**

It is important to note that VBDC cannot commence any action until the NEPA and NHPA processes are completed. Upon completion of these processes, VBDC would secure necessary contracts for the installation of the pipe and would obtain final bids for the pipe. It is anticipated that the pipe would be in the ground by the fall of 2024. Weather permitting, construction would commence as soon as pipe is delivered in the fall of 2024, otherwise construction would commence and be completed in the spring of 2025. See proposed project schedule in Executive Summary.

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

No permits will be required for this project.

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

VBDC intends to utilize the experience and assistance of the staff of Bob's Excavating, who VBDC has utilized previously for piping projects and who has a long history in this business.

- **Describe any new policies or administrative actions required to implement the project.**

None will be required

- **Describe the timeline for completion of environmental and cultural resource compliance. Was the timeline for completion of environmental and cultural resource compliance discussed with the local Reclamation office?**

JRP Historical Consulting, LLC, of Davis, California, completed a significant historical evaluation of the entire reach of the Vanbrimmer ditch, dated March 19, 2021. It is anticipated that the Bureau of Reclamation will need approximately three to six months to investigate the reach of the ditch under consideration, and that the Oregon State Historical Preservation Office (SHPO) will require one to two months to make their determination as to the qualification of the project for inclusion in a historical registry.



Yes, these matters have been discussed with the staff at the Klamath Basin Area office of the Bureau of Reclamation.

#### **Evaluation Criterion D: Nexus to Reclamation**

- **Is the proposed project connected to a Reclamation project or activity? If so, how?**

The project facilities are privately owned; however, VBDC is located within the Klamath Project and the “C” Canal delivers water to VBDC.

- **Does the applicant receive Reclamation project water?**

Yes

- **Is the project on Reclamation project lands and involving Reclamation facilities?**

Only to the extent that VBDC receives its water via the “C” Canal of the Klamath Project.

- **Is the Project in the same basin as a Reclamation project or activity?**

The proposed project is in the Klamath Basin; the same basin as that of the Klamath Project.

- **Will the proposed work contribute water to a basin where a Reclamation project is located?**

Any increased return flow experienced by implementing the project will provide additional water to Lost River located in the Klamath Basin, again, the same basin as that of the Klamath Project.

#### **Evaluation Criterion E: Presidential and Department of Interior Priorities**

##### **Sub-Criterion No. E.1. Climate Change**

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

Though not a significant factor in terms of global scale climate increase, implementation of this project would decrease the amount of pumping necessary to move water through the VBDC canal system, which in turn means less energy consumption and emissions. Additionally, the need for continued maintenance, involving gas/diesel equipment, along this section of canal would be eliminated.

- **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?**

Yes, this project would strengthen water supply sustainability to increase resilience to climate change. As mentioned above, this is the type of project identified in the 2016 Klamath Basin Study that would improve water conservation and water management in the Basin; such objectives are becoming more magnified as temperatures appear to be trending upward.

**Deleting all questions related to Sub-Criterion No. E.2. Disadvantaged or Underserved Communities**

**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?**

The project will not directly benefit any tribe; however, saved water would remain in stream for indirect benefit to local and downstream tribes.

- **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?**

**PROJECT BUDGET**

**Funding Plan and Letters of Commitment**

- **Describe how the non-Federal share of project costs will be obtained. Reclamation will use this information in making a determination of financial capability.**

**Project funding provided by a source other than the applicant shall be supported with letters of funding commitment from these additional sources. Letters of funding commitment shall identify:**

- **the amount of funding commitment,**

At a special meeting of the board of directors of VBDC held on March 1, 2022, the board, by resolution, authorized filing a grant application under NOFO R22AS00195, with the understanding that, in accordance with grant terms, VBDC would bear any cost of the project over and above the \$100,000.00 requested under the WaterSMART opportunity. A significant portion of the costs to be paid by applicant will be utilized as in-kind costs contributed by VBDC, including an amount to pay for the balance of the purchase price of the pipe and including an amount to be paid for contractors to complete the project. The total amount of the

project is \$221,413.92 with \$100,000.00 requested under the WaterSMART opportunity.

- **the date the funds will be available to the applicant,**

VBDC anticipates having its cost-share available at the time of signing the financial assistance agreement.

- **any time constraints on the availability of funds:** None
- **any other contingencies associated with the funding commitment:** None

- **Please identify the sources of the non-Federal contribution to the project, including:**

- **Any monetary contributions by the applicant towards the cost-share requirement and source of funds (e.g., reserve account, tax revenue, and/or assessments)**

VBDC is not seeking funds from third parties, thus, no commitment letters are required. VBDC will provide its cost share through the cost of paying the balance of the purchase price for the pipe, together with the cost of contracting the project and through the regulatory compliance process.

- **Any costs that will be contributed by the applicant**

The source of VBDC’s cost-share will be from assessment to its stockholders/irrigators

- **Any third-party in-kind costs (i.e., goods and services provided by a third party)** None
- **Any cash requested or received from other non-Federal entities:** None
- **Any pending funding requests (i.e., grants or loans) that have not yet been approved and explain how the project will be affected if such funding is denied**

NA

**Table 1. – Summary of Non-Federal and Federal Funding Sources**

<b>FUNDING SOURCE</b>	<b>AMOUNT</b>
Costs to be paid by applicant	<b>121,413.92</b>
Value of third-party contributions	<b>0.00</b>
<b>Non-Federal Subtotal</b>	<b>0.00</b>
<b>REQUESTED RECLAMATION FUNDING</b>	<b>100,000.00</b>

## Budget Proposal

The budget proposal should include detailed information on the categories listed below and must clearly identify *all* items of cost, including those that will be contributed as non-Federal cost share by the applicant (required and voluntary), third-party in-kind contributions, and those that will be covered using the funding requested from Reclamation, and any pre-award costs.

SOURCE	AMOUNT
Costs to be reimbursed with the requested Federal funding	100,000.00
Costs to be paid by applicant	121,413.92
Value of third-party contributions	0.00
<b>TOTAL PROJECT COST</b>	<b>221,413.92</b>

Unit costs must be provided for all budget items, including the cost of services or other work to be provided by consultants and contractors. Applicants are strongly encouraged to review the procurement standards for Federal awards found at 2 CFR §200.317 through §200.326 before developing their budget proposal. If you have any questions regarding your budget proposal or eligible costs, please contact the grants management specialist identified in *Section G. Agency Contacts*.

It is strongly advised that applicants use the budget proposal format shown in Table 2 or a similar format that provides this information. It is also strongly advised that applicants use the budget proposal format shown in Table 3 or a similar format that provides this information. If selected for award, successful applicants must submit detailed supporting documentation for all budgeted costs.

BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type	Total Cost
	\$/Unit	Quantity		
<b>Salary and Wages</b>				
Project Manager	50.00	100	Hours	5,000.00
Helper-Administration	30.00	60	Hours	1,800.00
<b>Fringe Benefits</b>				
Project Manager	7.8%	5,000.00	EA	390.00
Helper	7.8%	1,800.00	EA	140.40
<b>Equipment</b>				
<b>Supplies and Materials</b>				
60" Pipe	153.09	1,000.00	HDPE	\$153,090.00
<b>Contractual/Construction</b>				
Bob's Excavating				47,450.00
Service Box				3,000.00
Other				

<b>Third-Party In-Kind Contributions</b>				
None				
<b>Other</b>				
<b>TOTAL DIRECT COSTS</b>				<b>210,870.40</b>
<b>Indirect Costs</b>				
Contingency	5%	(209,470.40 Base)		10,543.52
<b>TOTAL ESTIMATED PROJECT COSTS</b>				<b>221,413.92</b>

**Budget Narrative**

Submission of a budget narrative is mandatory. An award will not be made to any applicant who fails to fully disclose this information. The budget narrative provides a discussion of, or explanation for, items included in the budget proposal. The types of information to describe in the narrative include, but are not limited to, those listed in the following subsections. Costs, including the valuation of third-party in-kind contributions, must comply with the applicable cost principles contained in 2 CFR Part §200.

In addition, please identify whether the budget proposal includes any project costs that may be incurred prior to award. For each cost, describe:

- **The project expenditure and amount:** NONE
- **The date of cost incurrence:** NONE
- **How the expenditure benefits the project:** NA

The project is comprised of five major components: (1) Salaries/Wages, (2) Supplies and Materials, (3) Contractual/Construction, (4) Environmental/Regulatory, and (5) Indirect Costs. Based on pricing quotes from local vendors, quotes from qualified contractors, VBDC has budgeted for all related tasks, labor, and materials necessary for this project. The total project costs will be divided in half evenly between Reclamation and the applicant cost share.

**Salaries and Wages**

Indicate the Program Manager and other key personnel by name and title. The Project Manager must be an employee or board member of the applicant. Other personnel should be indicated by title alone. For all positions, indicate salaries and wages, estimated hours or percent of time, and rate of compensation. the labor rates must identify the direct labor rate separate from the fringe rate of fringe cost for each position. All labor estimates must be allocated to specific tasks as outlined in the applicant’s technical project description. Labor rates and proposed hours shall e displayed for each task.

<b>Project Manager:</b>	<b>Brent Haskins</b>
Estimated Hours or Percent of Time	100 Hours
Rate of Compensation	\$50.00/hour
<b>Helper (Administrator):</b>	<b>Kay Heath</b>
Estimated Hours or Percent of Time	60 Hours
Rate of Compensation	\$30.00/hour

The wages of the Helper(Administrator) are included in direct costs because of oversight and reporting responsibilities. It is anticipated that the reporting requirements will take 20 hours, over a two-year period, of the 60 hours budgeted for this personnel.

**Within the budget narrative, please provide a certification that the labor rates included in the budget proposal represent the actual labor rates of the identified personnel and are consistently applied to Federal and non-Federal activities. If the proposal is selected for award and the awarding Grant Office determines that the provided rates fall within Bureau of Labor and Statistic averages for personnel with similar job descriptions, no further documentation for this item of cost shall be requested during budget negotiations.**

**Fringe Benefits**

Fringe benefits are calculated at 7.8 percent based on the U.S. Bureau of Labor Statistics, Employer Costs for Employee Compensation for the Regions – December 2021; Western Region.

<b>Project Manager:</b>	<b>Brent Haskins</b>
5,000.00 @ 7.8 percent	\$390.00
<b>Helper(Administrator)</b>	<b>Kay Heath</b>
1,800.00 @ 7.8 percent	\$140.40

**Equipment**

N/A; any equipment required for the proposed project will be furnished and installed under contract.

**Materials and Supplies**

Category:	HDPE Pipe
Unit Price:	\$153.09/foot
Quantity:	1,000.00 FEET
Total Cost:	\$153,090.00

The quote for this pipe was provided by contacting J.W. Kerns Irrigation Company, 4360 Hwy 39, Klamath Falls, Oregon 97603

All other materials/supplies will be furnished and installed under contract.

**Contractual**

Category:	Contract
Unit Price:	49,050.00
Total Cost:	49,050.00

Quotes for these contracts were provided by Bob’s Excavating, 4821 Tingley Lane, Klamath Falls, Oregon 97603

**Third-Party In-Kind Contributions**

N/A; none will be involved with the proposed project.

**Environmental and Regulatory Compliance Costs**

JRP Historical Consultants LLC have previously prepared an evaluation of the Vanbrimmer ditch, including the section of the canal that is subject of this application. It is not anticipated that any further evaluation will be needed; subject, however, to any requirement of the Bureau of Reclamation may make.

**Other expenses**

None anticipated during the preparation of this grant application.

**Indirect Costs: (Contingency)**

A line item for indirect costs (Contingency) has been included to cover any overhead and general costs. VBDC has budgeted for the *de minimis* rate of 5% of the total direct costs.

**ENVIRONMENTAL AND CULTURAL RESOURCE COMPLIANCE**

- The open canal will be completely filled with the soils from the existing canal bank. Once that has been accomplished, necessary excavation to provide a bed for the piping will be performed. This will, of course, be performed at a time when there is no water in the canal. Thus, the soil will be disturbed, possibly creating dust (depending on the moisture content of the soil at the time of construction). There may also be some disturbance to muskrats and ground squirrels. The contractor will take these concerns into consideration in performing the necessary work to bury the pipe and use dust-deterrent measures when necessary.
- VBDC is not 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.

- There are no wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as “Waters of the United States.”
- The water delivery system was constructed beginning in 1878 and was completed in the late 1800’s.
- A concrete service box will need to be constructed at the site of the one turn-out in the area of the project. It is unknown when that headgate was originally constructed, and there are no known previous alterations or modifications to the device.
- There are no buildings, structures, or features in the irrigation company listed, or eligible for listing, on the National Register of Historic Places.
- There are no known archeological sites in the proposed project area.
- The project will have no disproportionately high or adverse effect on low income or minority populations.
- The proposed project will not limit access to any ceremonial use of Indian sacred sites or result in other impacts on tribal lands.
- The proposed project will not contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area. Once installation of the pipe is completed, it is anticipated that the ground will be sown with drought tolerant pasture grass.

## **REQUIRED PERMITS OR APPROVALS**

As indicated under Evaluation Criterion C above, no permits or approvals of any kind are required for the project.

## **LETTERS OF SUPPORT AND LETTERS OF PARTNERSHIP**

None are submitted with this application.

## **OFFICIAL RESOLUTION**

The unanimous Written Consent in Lieu of a Meeting of the Board of Directors is attached hereto as Exhibit A.

## **UNIQUE ENTITY IDENTIFIER and SYSTEM FOR AWARE MANAGEMENT (SAM)**

Vanbrimmer Ditch Company’s UEI number is PJUVK8UK2C83 and its DUNS number is: 068478119. It is registered with the system for Award Management (SAM)



VAN BRIMMER DITCH COMPANY

**UNANIMOUS WRITTEN CONSENT IN LIEU OF A  
MEETING OF THE BOARD OF DIRECTORS**

THE UNDERSIGNED, being all of the directors entitled to vote at meetings of the board of directors of Van Brimmer Ditch Company, an Oregon corporation (the "Company"), by this instrument in lieu of a meeting of the board of directors of the Company, hereby consent to the adoption of the following resolution, pursuant to ORS 60.34:


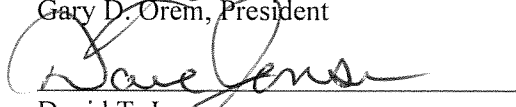
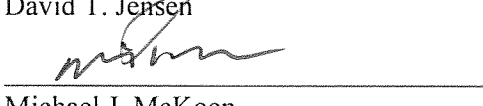
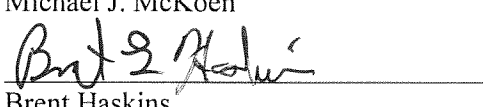

WHEREAS Van Brimmer Ditch Company (aka Vanbrimmer Ditch Company) being a legally formed ditch company organized in 1903 and operating under ORS chapter 541, hereby resolves to participate with the Bureau of Reclamation regarding conservation efforts within the company's ditch system; and

WHEREAS, the Company's goal is to maintain its relationship with the Bureau of Reclamation in a fashion that allows the company to meet established guidelines set forth by the Bureau of Reclamation; and

WHEREAS, the board of directors of the company have heretofore determined that the company should prepare and submit a grant proposal to the Bureau of Reclamation under R22AS00195, WaterSMART Small-Scale Water Efficiency Projects, and has sufficient funds from its reserves with which to meet in-kind needs;

NOW, THEREFORE, be it resolved by the board of directors that board member Brent Haskins is hereby designated Project Manager for the project, and is hereby authorized to execute said grant proposal as well as any and all contracts, agreements, or memoranda of understanding, either with BOR or others, necessary to administer and complete the proposed piping project.

THE EFFECTIVE DATE OF THIS RESOLUTION IS March 1, 2022.

Date: <u>4/25/22</u>	 Gary D. Orem, President
Date: <u>4/25/22</u>	 David T. Jensen
Date: <u>4/25/22</u>	 Michael J. McKoen
Date: _____	 Brent Haskins
Date: <u>4/25/22</u>	 Tim Parks