OREGON WATER RESOURCES DEPARTMENT
WATER SUPPLY DEVELOPMENT ACCOUNT
LOAN AND GRANT APPLICATION

I. Project Information

Project Name: *City of Vale, Oregon, Water System Improvements*

Type of Project: *Municipal Water System Improvements* ☐ Check box if project type includes storage

Funding Request Type: ☐ Loan ☒ Grant

Funding Amount Requested: $ $5,305,000 Total cost of project: $ $7,505,000

Note: Grant funding requests must demonstrate cost match of at least 25% of total project cost. This may include in-kind.

II. Applicant Information

Principal Contact: *Lynn Findley, City Manager*				**Fiscal Officer:** *Lynn Findley, City Manager*			
Address:	*252 B Street West*			Address:	*252 B Street West*		
	Vale, Oregon 97918				*Vale, Oregon 97918*		
Phone:	*541- 473-3133*	Fax:	*541- 473-3895*	Phone:	*541- 473-3133*	Fax:	*541- 473-3895*
Email:	*valecitymanager@fmtc.com*			Email:	*valecitymanager@fmtc.com*		

Involved Landowner 1: *N/A*		**Involved Landowner 2:** *N/A*	
Address:		Address:	
Phone:	Fax:	Phone:	Fax:
Email:		Email:	

Please include a supplementary document that lists all additional involved landowners if applicable.

Certification:

I certify that this application is a true and accurate representation of the proposed project work and that I am authorized to sign as the Applicant or Co-Applicant. By the following signature, the Applicant certifies that they are aware of the requirements of an Oregon Water Resources Department funding award and are prepared to implement the project if awarded.

Applicant Signature: Mike McLaughlin Date: 12/8/15

Print Name: *Mike McLaughlin* Title/Organization: *Mayor*

III. Project Summary

Please provide a description of the need, purpose and nature of the project. Include what the applicant intends to complete and how the applicant intends to proceed.

The City of Vale, Oregon, has struggled with water quality issues for many years. A failed, inefficient arsenic treatment facility has left the City unable to remove arsenic from drinking water sources to a level below the maximum contaminant level (MCL), resulting in the City being out of compliance with Oregon Health Authority - Drinking Water Services (DWS) regulations and the Safe Drinking Water Act. As such, a Bilateral Compliance Agreement has been executed between the City and the DWS. The City's system lacks capacity in both supply and storage, and lacks

reliability. The existing Airport Well Field water source is susceptible to drought impacts. The City is located in a drought-stricken area; additional source capacity would provide more reliability to the system.

The City has recently completed a local income survey that has been approved by the state. According to the local income survey, the City has approximately 63 percent low and moderate income (LMI) level persons living in the community. Therefore, it is imperative that the City acquire grant funding to keep water user fees reasonable and make this extremely important project affordable for the majority of the citizens living in Vale.

As identified in the 2015 Water System Master Plan (WSMP) and as shown on Figures 1 through 3, the proposed solution to address the identified deficiencies includes constructing a new coagulation filtration arsenic treatment facility, upgrading the existing Washington Street Well pump station, installing a new transmission line from the Washington Street Well pump station to the new arsenic treatment facility, and replacing the existing Airport Water Storage Reservoir with a new 700,000-gallon water storage reservoir.

The following is a detailed listing and description of the proposed project elements.

System Improvements

1. Washington Street Well Pump Station and New Transmission Main Line. - Modifications and improvements to the existing Washington Street Well pump station, including piping modifications, well pump replacement, pump station controls and electrical modifications, new standby power generation system, supervisory control and data acquisition (SCADA) and telemetry improvements, and painting would be completed. Since the water from the Washington Street Well has arsenic levels above the MCL, it must be treated prior to distribution to customers. To deliver the water pumped from the Washington Street Well to the arsenic treatment facility, approximately 8,500 feet of new 10-inch transmission pipeline would need to be installed.

2. New Arsenic Treatment Facility. - A new coagulation filtration arsenic treatment facility would be constructed to replace the existing failed ion exchange (IX) treatment plant. The new facility would include a new treatment building, piping, process pumps, coagulation filtration arsenic treatment equipment and media, backwash recovery storage tanks, electrical, controls and instrumentation, SCADA and telemetry, security fencing, site work, standby power generator system, painting, and other appurtenant items necessary make a fully functioning treatment system. The existing IX treatment plant would be mothballed for possible use to treat nitrates, if it becomes necessary in the future.

3. Demolition of the Existing 200,000-gallon Airport Water Storage Reservoir, Installation of the New 700,000-gallon Airport Water Storage Reservoir, and Improvements to the Existing Airport Booster Pump Station. - Due to its extremely poor condition, the existing 200,000-gallon reservoir would be demolished and replaced with a new 700,000-gallon reservoir along with necessary site work, site piping, painting, security fencing, and other required appurtenances. The existing booster pump station would be improved and modified, as necessary, including controls, instrumentation, and electrical, SCADA and telemetry, pressure monitoring, and other required items.

Other Project Elements

1. Design and Construction Engineering

a. Design Engineering and preparation of Plans, Technical Specifications, and Contract Documents to construct the identified water system improvements.

b. Construction Engineering to include project bidding, construction contract award, submittal review, Application for Payment processing, construction observation and documentation, system testing, record drawing preparation, and project closeout.

2. *Environmental Reporting*

   a. *The required environmental report(s) would be prepared.*

3. *Cultural Resources*

   a. *Archaeological report(s) would be prepared.*

   b. *Cultural resources construction monitoring will be completed as required. A professional archaeologist would observe construction during excavation activities to ensure culturally significant artifacts/remains, if any, are documented and preserved.*

4. *Construction permits (see Section IV[11]) below for specific permits required) and regulatory agency reporting and review fees would need to be acquired and paid for.*

5. *Acquisition of temporary construction and permanent utility easements would be necessary to construct the new Rhinehart transmission line*

6. *An Operation and Maintenance (O&M) Manual for the improved water system will be prepared.*

IV. Project Specifics

Instructions: Answer all questions in this section by typing the answer below the question, using additional space as needed.

1. **Describe how the project will provide public benefits in each of the three public benefit categories.** Project applications will be scored and ranked based on the economic, environmental and social/cultural public benefits identified below. Describe the conditions prior to and after project implementation to demonstrate changes resulting from the project. Descriptions should be quantitative when possible. Information provided must be sufficient to allow evaluation of the public benefits of the project. **Please see the Public Benefit and Evaluation Guidance document for a description of how public benefits will be evaluated.** Applications that do not demonstrate public benefit in each of the three categories (economic, environmental, social/cultural) will be deemed incomplete. Leave blank any categories that are not applicable to project.

   Economic Benefits ORS 541.673(2)

   (a) Job creation or retention:

   The proposed project is expected to create new jobs and retain existing jobs. Currently, according to the DWS and the Environmental Protection Agency, the City's drinking water is not safe to consume due to the elevated levels of arsenic present. Consequently, until the City can deliver safe drinking water to consumers through implementation of a new arsenic treatment facility, it is a deterrent for any business to locate in Vale, particularly one that relies on City water to operate. Additionally, according to the WSMP, the City does not currently have an adequate water supply capacity or storage to meet system demands, which severely limits the City's ability to support growth and attract businesses that need water for their operations. Therefore, improvements to the water system would promote businesses locating to Vale and job creation. Also, with safe drinking water, businesses already operating in the City would be more likely to stay. Furthermore, the magnitude and scope of this proposed project would provide/create a significant number of engineering and construction jobs in order to complete the proposed improvements.

   (b) Increases in economic activity:

   The proposed project would increase economic activity. As mentioned under Category 1(a.), safe drinking water would promote new businesses into locating in Vale and would encourage businesses already operating in the City to stay. Therefore, by promoting new businesses into locating in Vale, the direct result is an increase in economic activity associated with those new entities. Furthermore, during the 3-year duration of the project design and construction, firms and the workers completing the improvements would buy supplies from local businesses, eat in local restaurants, stay in local motels and RV parks, and buy groceries at the local supermarket, thereby increasing the economic activity within the City of Vale.

   (c) Increases in efficiency or innovation:

   As mentioned above, one of the main elements of this proposed project is to provide an efficient, functioning water treatment process to remove arsenic from the City's drinking water sources to levels that meet state and federal drinking water standards. The coagulation filtration arsenic treatment technology that the City is proposing to implement would replace a failed, inefficient IX process that requires significant quantities of salt for media regeneration, high volumes of backwash water with no recycling capabilities, and frequent media replacement. All of the requirements associated with the existing process result in higher energy consumption through increased pumping requirements, higher O&M costs to the City, and large quantities of wastewater generated from media backwash cycles with no ability to recover or recycle the backwash water compated to the proposed new state-of-the-art arsenic treatment facility. The amount of backwash water wasted from the existing IX process is about 6 percent, or for every 100 gallons of water treated, 6 gallons are wasted.

The proposed treatment process would provide a very cost-effective system that would have the inherent ability to recover and recycle backwash water, thereby promoting water and energy conservation through significantly less backwash water waste. The proposed treatment process would generate about 1-gallon of backwash wastewater for every 100 gallons of water treated, or 1 percent. Less wasted water translates to less energy consumed through a reduction in the amount of time the process must operate and the amount of groundwater required to be pumped to meet system demands.

The proposed treatment process would result in significant savings to the City through a reduction in O&M costs. As presented in the WSMP, when comparing the O&M costs of the existing and new treatment processes, it is estimated that the annual savings to the City is $150,000, or $3 million over the 20-year design life of the coagulation filtration arsenic treatment facility.

(d) Enhancement of infrastructure, farmland, public resource lands, industrial lands, commercial lands or lands having other key uses:

As previously discussed, the proposed project would provide major improvements to the City's water system infrastructure. The proposed project would allow the City to deliver safe drinking water that meets state and federal water quality standards to its citizens, will replace a highly degraded water storage reservoir with a new larger tank that would provide increased storage reliability and much needed water storage capacity, and would increase the available water supply source capacity to meet the required system demands. This proposed project would directly impact industrial users as the urban growth boundary (UGB) industrial land will be served by the increased capacity and safe drinking water. Therefore, the proposed project would provide exceptional enhancements to the City's infrastructure.

(e) Enhanced economic value associated with tourism or recreational or commercial fishing, with fisheries involving native fish of cultural significance to Indian tribes or with other economic values resulting from restoring or protecting water instream:

The proposed project is anticipated to enhance economic value associated with tourism, recreation, etc. Safe drinking water will encourage tourists and individuals traveling through Vale to stop and stay in local motels, eat at local restaurants, and camp at local RV parks.

(f) Increases in irrigated land for agriculture:

The proposed project would not result in increases in irrigated land for agriculture.

Environmental Benefits ORS 541.673(3)

(a) A measurable improvement in protected streamflows that accomplishes one or more of the following:
(A) Supports the natural hydrograph;
(B) Improves floodplain function;
(C) Supports state- or federally-listed sensitive, threatened or endangered fish species;
(D) Supports native fish species of cultural importance to Indian tribes; or
(E) Supports riparian habitat important for wildlife:

The proposed project would not result in measurable improvement in protected streamflows.

(b) A measurable improvement in groundwater levels that enhances environmental conditions in groundwater restricted areas or other areas:

As mentioned above, the proposed treatment process would result in a significant reduction in the volume of water wasted from the system. The current average annual water volume demand is about 172 million gallons (MG). With an estimated reduction of 5 percent of water wasted from the treatment process, the associated

annual amount of water saved would be about 8.6 MG, or approximately the equivalent of 18 days of water supply to the City. This translates to less water pumped from the aquifer and, thus, reduced groundwater use. Additionally, the City is proposing to improve the Washington Street Well pump station, and pump water from the well to the new coagulation filtration arsenic treatment facility through a new pipeline constructed between the pump station and the facility. By reducing the volume required to be pumped from groundwater through a more efficient water treatment process, coupled with the enhanced development of an additional reliable water source that would put less stress and demand on the existing Airport Well Field source, an overall reduction in groundwater drawdown levels would be expected.

(c) A measurable improvement in the quality of surface water or groundwater:

A portion of the drinking water delivered to customers is discharged to the City's sewer system. Wastewater from homes and businesses is conveyed to the City's wastewater treatment facility (WWTF). With the existing situation of elevated levels of arsenic in the drinking water, this same water ends up at the WWTF and then discharged to the City's land application site. Therefore, arsenic ultimately is introduced back into the environment and groundwater. Reducing arsenic in drinking water would result in reduction of arsenic at the WWTF, which would result in direct benefits to the surrounding environment and measurable improvements in quality of groundwater.

(d) Water conservation:

As discussed above under 2(b.), the proposed treatment process would result in an estimated annual amount of water saved of about 8.6 MG or an estimated 5 percent reduction of water wasted from the treatment process. The 5 percent reduction of wasted water equates to about 18 days of water supply to the City. Therefore, implementation of a more efficient water treatment process would directly result in water conservation through less waste.

(e) Increased ecosystem resiliency to climate change impacts:

The proposed project may result in an increase in ecosystem resiliency to climate change impacts. This increase could be attributed to a reduction in overall energy consumed through implementation of a more efficient water treatment process, which may reduce carbon emissions associated with generating that saved energy.

(f) Improvements that address one or more limiting ecological factors in the project watershed:

The proposed project does not address limiting ecological factors in the project watershed.

Social/Cultural Benefits ORS 541.673(4)

(a) The promotion of public health and safety and of local food systems:

This proposed project would promote exceptional improvements in public health and safety. Arsenic is a semi-metal, toxic element that poses serious health risks to people who ingest it. It is odorless and tasteless. It enters drinking water supplies from natural deposits in the earth or from agricultural and industrial practices. Non-cancerous effects can include thickening and discoloration of the skin, stomach pain, nausea, vomiting, diarrhea, numbness in the hands and feet, partial paralysis, and blindness. Arsenic has been linked to cancer of the bladder, lungs, skin, kidneys, nasal passages, liver, and prostate. Implementation of the new coagulation filtration arsenic treatment process would provide the City with the means to efficiently and effectively remove arsenic from the source water to levels that are safe to consume and have contact with.

(b) A measurable improvement in conditions for members of minority or low-income communities, economically distressed rural communities, tribal communities or other communities traditionally underrepresented in public processes:

As discussed previously, a local income survey was recently completed that documented the community as having approximately 63 percent LMI level residents living in the City of Vale. Refer to the attached letter from the Business Oregon Infrastructure Finance Authority (IFA) accepting the survey results that the population that would be served by the proposed project is 62.45 percent LMI. As such, this proposed project is likely to provide exceptional benefits to an environmental justice community through significantly enhanced water service to the community.

To ensure the LMI-level residents were given the opportunity to participate in the project planning and decision-making process, the City held several publically advertized meetings when the proposed project was discussed and presented.

(c) The promotion of recreation and scenic values:

The proposed project would likely promote recreation and scenic values. As mentioned previously, clean drinking water will encourage people to stay in Vale for recreational activities such as camping, fishing, hunting, etc.

(d) Contribution to the body of scientific data publicly available in this state:

This proposed project would contribute to the body of scientific data publically available in Oregon. As part of the new coagulation filtration arsenic treatment facility, a new modern control and monitoring system would be employed. New control and instrumentation components would provide the means to continuously monitor facility operations locally and remotely through a SCADA system. These data such as flow, water quality (arsenic levels), and chemical usage would be recorded and made available to other entities and municipalities experiencing challenges similar to Vale's and the data could be used to evaluate their systems. As part of the City's routine, ongoing maintenance program, the control and instrumentation equipment would be checked, calibrated, and repaired/replaced, as required, to keep it in good reliable working condition.

Additionally, the City has completed a pilot study utilizing the coagulation filtration process to document its effectiveness treating the City's source water and to develop appropriate design criteria for the full-scale plant. The data gathered during the pilot study would be made available to other municipalities and entities for their use.

(e) The promotion of state or local priorities, including but not limited to the restoration and protection of native fish species of cultural significance to Indian tribes:

This proposed project would play an exceptional role in supporting a state and local priority. It is the City's top priority to deliver affordable safe drinking water to its citizens, while minimizing impacts to its rate payers. It is also a state priority to support these efforts. The City's priority regarding this proposed project has been set through a Bilateral Compliance Agreement with the Oregon Health Authority and its adoption of the WSMP and its commitment to move forward with the project as expeditiously as possible. Letters from various entities in support of the proposed project are attached, providing further documentation that this project is a priority.

(f) The promotion of collaborative basin planning efforts, including but not limited to efforts under Oregon's Integrated Water Resources Strategy:

The City has performed a transparent and inclusive public process during development of this proposed project. Several publicly advertised meetings have been held inviting the public to attend and participate in

the process. The meetings have been advertised in both English and Spanish. The feedback from the community appears to be in support of the proposed project.

2. Identify Project Location.

(a) Attach map of project implementation area if appropriate. List map(s) in this space and attach to application.

The proposed project is located in various locations throughout the City of Vale within the City limits and the UGB. Refer to the attached Figure 1 for Location and Vicinity Maps and Figure 2 for a Project Improvements Map.

(b) Township	Range	Section	Quarter-Quarter Section
18 S	*45 E*	*19, 20, 29, 30, and 31*	*N/A*

(c) Tax Lot Number(s)
N/A

(d) Latitude/Longitude
43.9814 degrees north/ 117.2416 degrees west

(e) County
Malheur

(f) Watershed
Lower Malheur

(g) River/Stream Mile (where applicable)
N/A

3. *(a)* Will the project result in a physical change on private land? ☐ **Yes** ☒ **No**

If yes, attach evidence that landowners are aware of and agree to the proposal. List attachments below.

***(b)* Will the project result in monitoring on private land?** ☐ **Yes** ☒ **No**

If yes, attach evidence that landowners agree to the proposal and are aware that monitoring information is public record. List attachments below.

4. Provide a project schedule, including beginning and completion dates. Use the following table as a guide. Attach a separate sheet to application if needed.

Estimated Project Duration: August 1, 2015 to November 31, 2018

Place an "X" in the appropriate column to indicate when each Key Task of the project will take place.

Project Key Tasks	2015				2016				2017 & Beyond
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	
Secure Project Funding			X	X	X	X			
Agreement for Engineering Services					X				
Design Engineeering; Preparation of Plans, Technical Specifications, Bidding Documents, and Contract Documents					X	X	X	X	X
Preparation of Archaeological and Environmental Reports						X	X	X	
Acquistion of Permits (Permit Applications Prepartion, Consultation with Agencies)						X	X	X	
Construction Engineering; Bidding, Construction Contract Award, Construction Contract Administration Construction Observation and Documentation, and Preparation of Record Drawings and Operation and Maintenance Manual									X
Grant Administration					X	X	X	X	X
Labor Standards Compliance									X
Legal Services; Engineering Agreement Review, Easement Documents Preparation, Construction Contracts Review and other required legal services					X			X	X
Construction									X
Cultural Resource Construction Monitoring									X
Construction Contract Close-out									X

5. Describe any conditions that may affect the completion of the project.

At this time, there are no conditions identified, other than acquiring the necessary funding, that may affect the completion of the proposed project.

6. Attach a completed feasibility analysis if one has been completed.

The completed 2015 WSMP is attached and has been approved by the DWS. The WSMP evaluated the City's water system needs for at least a 20-year period.

7. Provide suggestions for interim and long-term project performance benchmarks.

As the table under item No. 4 above indicates, interim benchmarks include securing the project funds, completing the necessary design of the improvements, preparing the required reports, acquiring the necessary permits, bidding the project, awarding the project to a contractor, completing the construction, and ultimately providing a fully functioning vastly improved system that would serve the citizens of Vale for many years to come.

Vital long-term benchmarks that must be achieved are delivering safe potable drinking water to the community that would meet state and federal water quality standards and regulations, providing an adequate reliable water supply to meet demands and giving the City the required amount of storage to meet their needs.

8. Provide letters of support for the proposed project (list in this space and attach to application).

Malheur County Court: Judge Dan P. Joyce and Commissioners Don Hodge and Larry Wilson;

Eastern Regional Solutions Office of Governor Kate Brown: Scott Fairley, Eastern Regional Coordinator;

DWS: William Goss, P.E., Regional Engineer;

Malheur County Economic Development: Greg Smith, Director;

The Honorable Greg Smith, Oregon House of Representatives, District 57;

Cliff Bentz, State Representative, Oregon House of Representatives, District 60

9. Describe partnerships and collaborative efforts associated with the project.

The City has worked closely with the DWS to develop a working plan with the goal of getting the City into compliance with the drinking water regulations. Additionally, the City has collaboratively worked with the IFA, to secure an affordable financing package for completion of the proposed project.

10. Consultations/communications with affected Indian tribes and with the Legislative Commission on Indian Services regarding the project.

Has the Legislative Commission on Indian Services been contacted to identify tribes affected by the project?

☒ **Yes** ☐ **No**

Please provide correspondence as an attachment to this application.

Correspondence with the Legislative Commission on Indian Services is attached.

Has there been consultation/communications with affected Indian tribes?

☒ **Yes** ☐ **No**

Please provide a description of consultation/communication that occurred and attach documents to this application if applicable.

Copies of the letters/emails that were sent to affected Indian tribes and their responses are attached.

11. Provide a description of:

***(a)* Required local, state and/or federal permits and/or authorizations for project implementation that have been secured to date. Please attach secured permits/authorizations to the application.**

None secured to date.

***(b)* Required local, state and/or federal permits and/or authorizations that will be secured in the future to implement the project. Describe efforts to date in securing these permits and/or authorizations.**

The required permits that would need to be secured as part of the proposed project include:

Oregon Department of Transportation Permit(s) to Occupy or Perform Operations Upon the State Highway;

Malheur County Permit(s) to Occupy County Road Rights-of-way and the bridge crossing of Bully Creek;

Oregon Department of State Lands/U.S. Army Corps of Engineers Joint Fill/Removal Permit;

Oregon Department of Environmental Quality - National Pollutant Discharge Elimination System 1200-C Construction Stormwater Permit;

Oregon Water Resources Department, Point of Additional Appropriation for Airport Wellfield (Needed for the additional source capacity proposed to be supplied from the Washington Street Well).

All of these required permits will need to be acquired during the design phase of the project and prior to construction beginning. Preliminary discussions have been completed between the City and Malheur County regarding the required Malheur County permits, and the County has expressed that there will be no problem with issuing the City the permits.

12. Provide any additional supplemental materials to demonstrate ability to implement the project. Examples include project plans and specifications, engineering details and water availability analysis. List documents in this space and attach to application.

The 2015 WSMP, copy attached to this application. Demographic information about the City of Vale is attached to this application (see Table 1).

V. Storage Project Requirements (if not a storage project continue to Section VI)

For any storage project please contact Water Resources Grant Administrator, Jon Unger, at (503) 986-0869 prior to completing the application.

13. Storage Project Type: ☐ **Above Ground** ☐ **Below Ground**

14. If above-ground storage, would the proposed storage project be located in-channel?

☐ **Yes** ☐ **No** ☐ **N/A**

15. Identify the capacity in acre-feet of the proposed storage project.

16. Has a water right application been filed for the proposed storage project?

☐ Application not yet made.

☐ Water right application made; permit not yet issued Application #

☐ Permit issued. Application # Permit #

For Questions 17 & 18 answer the following:

(a) Does the proposed storage project impound surface water on a perennial stream?

☐ **Yes** ☐ **No** ☐ **Uncertain**

(b) Does the proposed storage project divert water from a stream that supports state- or federally-listed sensitive, threatened or endangered fish species?

☐ **Yes** ☐ **No** ☐ **Uncertain**

(c) Does the proposed storage project divert more than 500 acre-feet of water annually?

☐ **Yes** ☐ **No**

17. Water Dedicated Instream ☐ N/A

For above ground storage projects seeking grant funding: If you answered "yes" to any of the questions posed in a-c above a minimum volume of water equal to at least 25% of the stored water must be dedicated to instream use.

Identify percentage of stored water to be dedicated to instream use.

%

Note: Any storage project dedicating 25% of stored water to instream use will automatically receive a median score in the environmental public benefit category with the opportunity to demonstrate additional environmental benefit to increase the score.

18. Seasonally Varying Flow Prescription

For all storage projects: If you answered "yes" to any of the questions posed in a-c above the project will need a **Seasonally Varying Flow (SVF) Prescription**, determining the duration, timing, frequency and volume of flows (including ecological baseflow), necessary for protection and maintenance of biological, ecological, and physical functions outside of the official irrigation season. The initial step in defining the SVF for the project is to schedule an SVF meeting with OWRD. For assistance and more information please contact Water Resources Grant Administrator Jon Unger at (503) 986-0869.

Identify whether the storage project will need a Seasonally Varying Flow Prescription.

☐ **Yes** ☐ **No** ☐ **Uncertain**

VI. Environmental Public Benefit for Conservation Projects Dedicating Water Instream (if not a conservation project continue to Section VII)

19. Identify percentage of conserved water to be dedicated to instream use. ☒ N/A

%

Note: Any project that conserves water and dedicates at least 25% of the conserved water quantity to instream use will automatically receive a median score in the environmental public benefit category with the opportunity to demonstrate additional environmental benefit to increase the score. Water dedicated to instream use must be permanently placed instream and protected by the Oregon Water Resources Department.

VII. Financial Information

For Loan Applicants – Since loan applications do not require cost match, loan applicants who do not offer a cost match need not complete Section A and can disregard the match funding columns in

Sections B and C. Budget and costs of key tasks must be identified in sections B & C. Loan applicants will be required to provide additional financial information related to their ability to repay the loan. This request for information will take place after the scoring and ranking process for those projects that are recommended for funding.

For Grant Applicants – Complete Sections A, B and C.

Section A – Cost Match Information

Applicants must demonstrate a minimum 25% funding match based on the total project cost. The match may include: a) applicant funds or secured funding commitment from other sources; b) pending funding commitment from other sources; and/or c) the value of in-kind labor, equipment rental, and materials essential to the project. For secured funding, the applicant must attach a funding award letter from the match funding source that specifically mentions the dollar amount shown in the "Amount/Dollar Value" column. For pending resources, documentation showing a request for the matching funds must accompany the application. Funds expended prior to grant agreement are not reimbursable nor do they qualify for cost match without prior authorization by the Department.

In the Type column below matching funds may include:	**In the Status column below matching funds may have the following status:**
• **Cash** - Cash is direct expenditures made in support of the feasibility study by the applicant or partner*.	• **Secured** - Funding commitments already secured from other sources.
• **In-Kind** - The value of in-kind labor, equipment rental and materials essential to the feasibility study provided by the applicant or partner.	• **Pending** - Pending commitments of funding from other sources. In such instances, Department funding will not be released prior to securing a commitment of the funds from other sources. Pending commitments of the funding must be secured within 12 months from the date of the award.

* "Partner" means a non-governmental or governmental person or entity that has committed funding, expertise, materials, labor, or other assistance to a proposed project planning study. OAR 690-600-0010.

Match Funding Source (if in-kind, briefly describe the nature of the contribution)	**Type** (✓ One)	**Status** (✓ One)	**Amount/ Dollar Value**	**Date Match Funds Available** *(Month/Year)*
Community Development Block Grant (IFA)	☒ cash ☐ in-kind	☒ secured ☐ pending	*$2,200,000*	*February 16*
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		
	☐ cash ☐ in-kind	☐ secured ☐ pending		

Section B – Project Budget

Please provide a line item budget for the project; see example below. If significant additional detail is needed please complete separately and attach to completed application.

Line Items	**Number of Units*** *(e.g. # of Hours)*	**Unit Cost** *(e.g. hourly rate)*	**In-Kind Match**	**Cash Match Funds**	**OWRD Funds**	**Total Cost**
Materials	*SEE FIGURE 4*					
Contractual/Services	*FOR A*					
Staff Salary/Benefits	*DETAILED*					
Equipment (must be approved)	*PROJECT*					
Supplies	*BUDGET*					
Other:						
	Total for Section B					
	Percentage for Section B					***100%***

** Note: "Unit" should be per "hour" or "day" not per "project" or "contract." Number of Units x Unit Costs = Total Cost*

Section C – Key Task Cost

Complete Section C below. Key Tasks identified in Section C should be the same as the Key Tasks in Section IV(4) above.

Project Key Tasks	In-Kind Match	Cash Match Funds	OWRD Funds	Total Cost
Secure Project Funding				
Easement Acquistion(s)		*$12,000*		*$12,000*
Design Engineering: Preparation of Plans, Technical Specifications, Bidding Documents, and Contract Documents		*$573,000*		*$573,000*
Preparation of Archeological and Environmental Reports		*$35,000*	*$15,000*	*$50,000*
Acquistion of Permits (Permit Applications Preparation, Consultation with Agencies)			*$30,000*	*$30,000*
Construction Engineering: Bidding, Construction Contract Award, Construction Contract Administration, Construction Observation and Documentation, Preparation of Record Drawings and Operation and Maintenance Manual, and Construction Contract Close-out		*$641,000*		*$641,000*
Grant Administration		*$25,000*		*$25,000*
Labor Standards Compliance		*$15,000*	*$15,000*	*$30,000*
Legal Services: Engineering Agreement Review, Easement Documents Preparation, Construction Contracts Review, and Other Required Legal Services		*$10,000*		*$10,000*
Construction (See attached Figure 4, Project Budget, for a Breakdown of Costs Associated with Each Project Element		*$826,000*	*$4,694,000*	*$5,520,000*
Construction Contingency			*$551,000*	*$551,000*
Cultural Resource Construction Monitoring		*$75,000*		*$75,000*
Total for Section C		*$2,200,000*	*$5,305,000*	*$7,505,000*

APPLICATION CHECKLIST

Instructions: Use this form as an important cross-check to ensure that your application is complete. Incomplete applications will be returned. **This form does not need to be included in your application packet.**

General

If submitting electronically the preferred format is either a Microsoft Word or Adobe PDF

☒ Only one application is included with the packet (other applications must be sent separately).

Paper submissions only

☒ The application and attachments are on 8 ½" x 11" paper.

☒ The application and attachments are not stapled or bound.

Section I – Project Information

☒ All questions in this section have been answered.