WaterSMART Grants: Small-Scale Water Efficiency Projects Fiscal Year 2024 and Fiscal Year 2025

Bureau of Reclamation Notice of Funding Opportunity No. R24AS00059

Monte Vista Water District

Advanced Meter Infrastructure Installation – Phase 3

January 12, 2024

Applicant:
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Date: 01/12/2024	Applicant Name: Monte Vista Water District
City: Montclair	Project Length of Time: 12 months
County: San Bernardino	Estimated Completion Date: June 2025
State: California	Located on a Federal Facility: No

Project Summary

Monte Vista Water District (MVWD), located in southwestern San Bernardino County, California, is a Category "A" applicant seeking funding for the Advanced Meter Infrastructure (AMI) Installation Project Phase 3. This initiative focuses on replacing outdated, manually read meters with new AMI meters in a Disadvantaged Community (DAC) that is located within Census Tract #0607100201. This census tract has been identified as a Disadvantaged Community pursuant to the Biden Administration's Justice40 Initiative as well by the State of California's SB535 Disadvantaged Community and CalEnviroScreen 4.0 criteria with an overall score of 77.

The average age of MVWD's current meters is well over 15 years. By upgrading to AMI meters, MVWD aims to significantly reduce water losses, improve conservation and sustainability efforts, and provide real-time leak detection technology to reduce unforeseen high-water bills. By integrating science and technology, the project will result in efficiency improvements in the meter reading processes and will significantly enhance water supply sustainability and reliability, which is an important factor/outcome given that approximately 50% of MVWD's water supply is derived from the Chino Groundwater Basin.

Benefits to the community members include, but not limited to, advising residents of a need to possibly reduce consumption and/or potential leaks allowing for immediate repairs, both of which would help in mitigating the financial impacts associated with abnormally high water bills. These alerts also allow MVWD the opportunity to share information with community members about water-saving programs offered in collaboration with Inland Empire Utilities Agency (IEUA) and Chino Basin Water Conservation District (CBWCD).

The project aligns with state and federal regulations aimed at reducing water loss through leak detection and water conservation, with anticipated benefits including reduced water loss, energy savings, and enhanced groundwater supply reliability. The project also aligns with this funding opportunity goals by providing timely communication of real-time consumption data to increase conservation and reduce water loss as well as associated costs while promoting conservation and sustainability.

Project completion is anticipated in September 2026, with no federal facility involvement.

Background Data

Established in 1927, MVWD provides retail and wholesale water supply services to a population of over 135,000 within a 30 square mile area, including the communities of

Montclair, Chino Hills, portions of Chino and the unincorporated area lying between the cities of Pomona, Chino Hills, Chino, and Ontario.

Currently, MVWD manages 13 active groundwater production wells with a total capacity of 31.2 million gallons per day. About 50% of MVWD's water supply is sourced from the Chino Groundwater Basin within the Santa Ana Watershed. The basin boasts a storage volume of five million acre-feet, with the potential for an additional one million acre-feet. To maintain safe groundwater levels, the basin's safe yield is capped at 140,000 acre-feet annually.

MVWD's system, with about 203 miles of pipeline, comprises distribution mains ranging from two to eight inches in size beneath existing road surfaces. In 2022, MVWD served an average of 10,654 residential active metered customers, pumping 9,887.57 acre-feet (AF) of groundwater, purchasing 7,742.46 AF of imported water, and delivering 7,832.130 AF of water to metered customers.

MVWD's Strategic Plan, Water System Master Plan, and annual operating budget are guiding documents used to plan for maintenance, operations, and system improvements. Due to the impacts of the pandemic, ongoing drought conditions because of climate change, and stricter water quality regulations, MVWD was forced to revise and prioritize its near-term Capital Improvement Project (CIP) budget to focus primarily on groundwater treatment. Despite these constraints, MVWD has implemented AMI Installation Project Phase 1, uncovering leaks and mitigating water loss, while securing funding for Phase 2 through IEUA's Member Agency Administered Incentive Program in collaboration with the Metropolitan Water District of Southern California. It is anticipated that Phase 2 will be completed by April 1, 2024.

MVWD is also submitting a grant application for the USBR WaterSmart Water and Energy Efficiency Grant for Fiscal Year 2024 for Phase 4 of the AMI installation. The current grant application pertains to Phase 3 of an ongoing comprehensive system-wide water meter replacement program and the transition to AMI meters to improve meter-reading efficiencies, leak detection, and water conservation and sustainability efforts that would build upon the success of Phase 1.

It should be noted that while MVWD is seeking additional funding for Phase 3 it has yet to receive any funding from the Bureau of Reclamation.

Project Location

The AMI project area covers the northwest portion of MVWD's service area: specifically, Census Tract #0607100201 that is located north of the Interstate 10 in the city of Montclair, county of San Bernardino, state of California. The approximate project latitude is [34°5'4.9164"N], and the longitude is [117°42'21.7692"W]. According to the Climate and Economic Justice Screening Tool the community is ranked 96th for air quality (level of inhalable particulate matter) and 90th for linguistic isolation because most households do not have a resident over the age of 14 speaking English. Additionally, the community is identified by California Environmental Protection Agency as one of the top 25% disadvantaged communities with a CalEnviroScreen 4.0 score of 77. See Figure 1 for the entire service area of MVWD, and Figure 2 for the specific location for Phase 3.

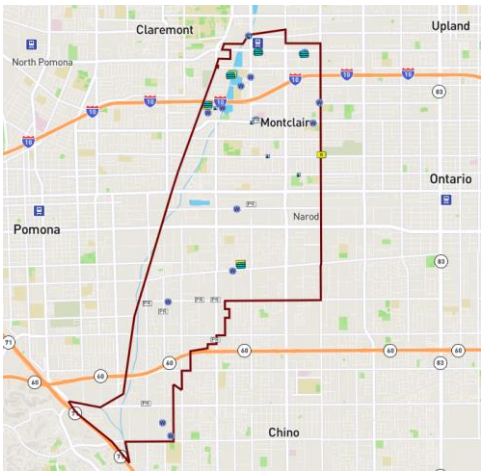

Figure 1: Map of Monte Vista Water District service area.

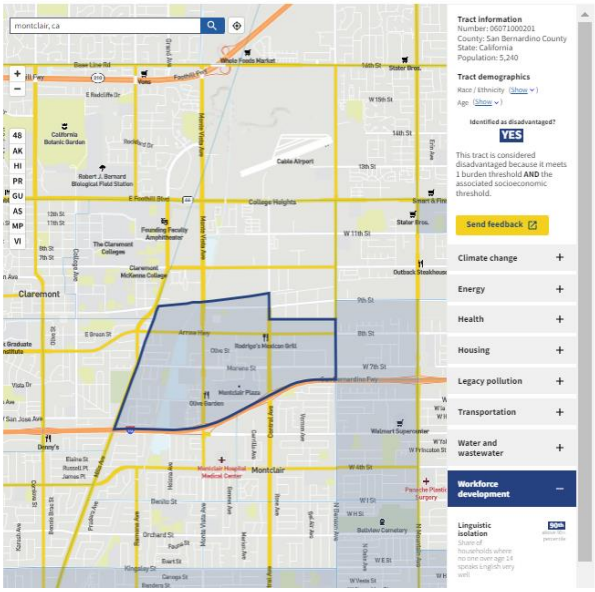

Figure 2: Map highlighting the specific location of the Project Area utilizing The Climate and Economic Justice Screening tool.

Technical Project Description

MVWD, like many agencies, faces challenges in delivering cost-effective water services due to competing priorities and budget constraints. Water system operations have become increasingly complex and costly, driven by a multitude of state and federal regulations, a diminishing statewide water supply brought about by years of drought and climate change, increased labor shortages, and increases in energy and other operational expenses.

To accurately measure water usage in the distribution system, meters play a crucial role, and their replacement is essential due to diminishing factors such as water flow and age. The current manual reading and billing process is time-intensive and subject to errors. Leveraging technology, specifically wireless transmission and fixed base systems, has proven to be an

accurate and efficient strategy according to US Environmental Protection Agency Water Sense. This technology not only frees up operator resources for regular system maintenance but also enhances accuracy and effectively identifies water losses that are both financially and environmentally sustainable. Phase 1 was completed on September 28, 2023, and within seven days a leak on the distribution line underground was discovered. The AMI meters allowed MVWD to begin the process to prepare to fix the pipe. Without the new meter the leak could have taken years to reach the surface resulting in prolonged water loss and/or property damage.

MVWD's transition to automated meter reading aligns with MVWD Water Meter Replacement Policy (page 96 of MVWD Comprehensive Policy Manual) derived from the American Water Works Association (AWWA) M6 Manual, which states that small and medium meters shall be replaced every 15 to 20 years.

The AMI Phase 3 project consists of installing two collectors and 315 meters through a comprehensive scope of work (detailed below). The fixed-based system will be seamlessly integrated with MVWD's existing billing system, enabling wireless transmission of water use data via cloud-based technology every 7.5 minutes. Currently relying on manual meter reading every two months, this upgrade will substantially improve data collection efficiencies.

The following technical description provides a comprehensive overview of the AMI Phase 3 project, outlining the detailed steps, equipment, and materials involved in the installation of two collectors and 315 meters.

Scope of Work

1. Collector Installation:
    - Two 50' poles with powered AMI collectors will be installed at Well 28 (4425 Palo Verde St.) and Well 4 (5501 Arrow Hwy). Testing will ensure signal strength and specifications are met.
2. Meter Installation:
    - MVWD's Meter Technicians will replace 315 manually read meters with ¾ inch AMI meters.
    - Meter interface units (MIU/Collector) will be installed concurrently.
    - Concrete box lids will be replaced with polymer box lids during meter replacement.
3. Materials and Equipment:
    - AMI: State-of-the-art meters equipped with advanced data collection capabilities.
    - Collectors: Two units with enhanced communication features to relay data from meters to the central system.
    - Necessary cabling, connectors, and associated hardware for seamless integration.
4. Upgrade Description:
    - The upgrade involves replacing traditional nutating disc manual read water meters with flowIQ® 2200 AMI meters, offering improved accuracy and real-time data transmission.
    - Two collectors will serve as central hubs, collecting data from the meters and transmitting it to the central monitoring system.
5. Site Preparation:

- Propagation studies have thoroughly assessed site conditions and determined the best locations for both collector locations.

6. Removal of Materials:
   - Existing water meters slated for replacement will be removed and replaced with the new AMI meters.
   - Disposal or recycling of old meters and associated materials will be conducted in an environmentally responsible manner.
7. Site Laydown and Mobilization Areas:
   - Designated areas will be identified for the temporary storage of materials and equipment.
   - Mobilization plans will be established to streamline the arrival and setup of construction equipment.
8. Areas Impacted by Construction:
   - The project does not require earth disturbance work and therefore will not adversely impact the surrounding environment.
   - The project is expected to be exempt from California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) environmental review processes.

Following the grant award, MVWD staff will assume responsibility for ensuring compliance with all grant-related obligations. This includes executing the grant agreement, submitting regular reports, managing reimbursement requests, and preparing a final completion report, all in accordance with the stipulated Reclamation requirements.

Evaluation Criteria

Evaluation Criteria A. Project Benefits (35 points)

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

MVWD's implementation of advanced metering technology focuses on enhancing water supply management, primarily through improved leak detection and the reduction of potable water losses. Annual testing was conducted on a representative sample of meters and revealed inaccuracies, especially in low-flow and medium-flow measurements leading to small undetected leaks that can accumulate to significant water loss over time. This, combined with an average meter age exceeding 15 years, emphasizes the need for replacing outdated and under-registering water meters is evident. Building upon the success of Phase 1, it is anticipated that the continued conversion to state-of-the-art meters will allow MVWD to swiftly detect leaks thereby substantially reducing water losses and enhancing the sustainability of MVWD's potable water supply.

As noted previously, MVWD operates within the Chino Groundwater Basin, characterized by a water supply consisting of 50% groundwater and 50% imported water from the California State Water Project. MVWD has implemented year-round best practices to reduce and prevent water waste to preserve supply. The prompt detection of leaks and effective communication capabilities not only mitigate water waste and potentially expensive repairs, but

they will also contribute to MVWD's water conservation efforts. Reducing water losses will result in less groundwater being pumped that which is needed to mitigate the impacts of drought and climate change while also reducing electricity demand and other operational-related expenses. These efforts are also consistent with the "Water Conservation a California Way of Life" legislation that requires water agencies to comply with strict water use targets regardless of drought or normal conditions.

Furthermore, the AMI technology also provides acoustic leak detection on the distribution side of the meter. Distribution system leaks may go undetected until or unless they bubble to the surface and become visible. Such undetected leaks can result in significant repairs or sinkholes that require water to be shut off for repairs. Water main leaks, and their subsequent damage to roadways or adjacent properties, can have a great impact on community members whenever water service is interrupted.

In summary, the project is expected to bring benefits to the environment by improving potable water supply resiliency derived from the Chino Groundwater Basin, and improve overall operational efficiencies and costs, while providing customers who reside within this disadvantaged community the ability to mitigate the financial impacts due to increased consumption and/or cost of unforeseen repairs.

Will the project result in more efficient management of the water supply?

Yes, the project is expected to result in more efficient management of the MVWD's potable water supply portfolio. The implementation of AMI in MVWD's delivery system will replace manually read meters with real-time water use data collection. This technological upgrade enables immediate leak detection, reduces water losses, and supports conservation and sustainability. The shift to AMI allows for enhanced efficiency in water supply and demand management, providing accurate and timely information for more effective decision-making. Additionally, leveraging AMI capabilities will support targeted water use efficiency programs, contributing to optimized water management within MVWD. Overall, the project is designed to significantly improve the efficiency of water supply management in MVWD's system.

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

MVWD's water supply consists of about 50% groundwater and 50% imported water. The project aims to promote water conservation and sustainability by fostering behavioral changes among customers to reduce and manage their water bills. Additionally, the implementation of improved efficiency in leak detection is expected to reduce water losses and related damage to public or private property. Conservation efforts are crucial for restoring and replenishing significantly low groundwater levels. Such actions also reduce the reliance on costly imported water that is gravely impacted by extreme weather conditions like drought.

The anticipated water management benefits are significant for both MVWD's water delivery system and its customers. The conserved water plays a vital role in enhancing groundwater levels, providing a valuable resource during future drought cycles. This is particularly beneficial for the designated DAC served by MVWD, as it reduces their vulnerability to water scarcity. Moreover, the reduction in water use contributes to lessening the dependence on imported water, allowing for more water resources to be available for other parts

of the state. Overall, the project's water management benefits are instrumental in ensuring a sustainable and resilient water supply for MVWD and its customers, addressing both immediate conservation needs and long-term drought preparedness.

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

Not applicable. MVWD imports 50% of its water through contracts/agreements with the Water Facilities Authority a Joint Powers Authority.

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

Not applicable. MVWD's water supply is made up of groundwater and imported water.

What are the consequences of not making the improvement?

The consequences of not implementing the project are particularly pronounced in terms of water loss as well as service disruptions and potential property damage caused by undetected leaks. Without the technological advancements associated with the project, there is a heightened risk of ongoing water inefficiencies, leading to undetected leaks that could contribute to a continuing decline in groundwater availability due to water losses and potential property damage. This situation also poses an undue burden on the community members who are more vulnerable to unforeseen expenses due to their socioeconomic status.

In addition to the direct risks of property damage and water waste, the absence of real-time monitoring capabilities increases the likelihood of prolonged leaks. This not only impacts water conservation efforts but also poses a substantial financial burden on residents, especially those least equipped to handle such unforeseen expenses within the DAC community. The unique language demographics further compound these challenges, making it crucial to implement the project to address these vulnerabilities effectively.

The DAC community within the project area could face high water bills due to undetected leaks, exacerbating financial challenges for households where resources are already constrained. Additionally, the potential property damage resulting from unaddressed leaks can have long-term implications for residents, affecting the habitability of homes and potentially leading to additional costs for repairs and restoration.

Furthermore, undetected leaks in distribution lines can lead to sink holes requiring the DAC community to be without service for several days while repairs are completed. The new AMI meters will detect these leaks to assist MVWD in being able to fix the leak promptly, reducing outages and chances of prolonged leaks leading to sinkholes.

In summary, the failure to implement the proposed project could disproportionately impact the DAC community by perpetuating water inefficiencies and exacerbating the risks associated with undetected leaks. The dedicated customer outreach initiative, targeted water use efficiency programs, and the empowerment of leak detection are critical components of the project's comprehensive approach to address these consequences effectively.

Are customer water restrictions currently required?

In 2010, MVWD's Board of Directors adopted an ordinance to establish water use efficiency best practices and staged water supply shortage measures. Year-round, MVWD

customers are required to comply with water use efficiency best practices as defined in the ordinance. Because of these best practices, MVWD customers are the most efficient water users in the region with the lowest gallons per capita per day (GPCD) amongst neighboring jurisdictions. During declared water shortages, MVWD can impose additional water use restrictions. Currently, MVWD is not in a declared water shortage stage that restricts irrigation or requires specific reductions in water use.

Other significant concerns that support the need for the project.

Several significant concerns underscore the imperative need for the project, aligning with MVWD's commitment to addressing the unique challenges faced by DAC residents. Following the pandemic, water affordability continues to be an issue. MVWD has policies in place to disconnect water service due to non-payment. With inflation driving costs of necessities, such as food and housing, DAC communities are struggling far greater than their neighbors. Leaks can be costly both in water consumption (higher bills) as well as having repairs made. MVWD recently launched a program to help income-qualified customers with leak repairs to avoid higher bills. The implementation of AMI will play a pivotal role in enhancing this program by providing swift leak detection capabilities. This advancement enables MVWD to promptly identify leaks through AMI technology, facilitating the timely and effective utilization of the Indoor Leak Repair program to assist and support income-qualified customers within the DAC community.

Furthermore, leveraging the AMI capabilities aligns with MVWD's strategic collaboration with the Inland Empire Utilities Agency and Chino Basin Water Conservation District. This collaborative effort aims to implement targeted water use efficiency programs, offering a proactive approach to optimize water use efficiency. This becomes especially crucial in the context of the DAC community, where tailored initiatives are essential to address the specific water management needs and challenges faced by residents.

These collaborative programs not only align with the overarching goals of the project but also reflect MVWD's commitment to comprehensive solutions for water management, affordability, and efficient water use.

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

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

Yes, the project impacts broader water supply reliability in the Chino Groundwater Basin, which constitutes 50% of MVWD's water supply. The project's core objectives include fostering water conservation through behavioral changes among customers and implementing advanced leak detection technology for improved efficiency.

The anticipated benefits extend beyond MVWD and address broader water management challenges within the Santa Ana Watershed. By promoting conservation measures and curbing water loss, the project contributes to the healing and replenishing of significantly low groundwater levels in the Chino Groundwater Basin.

These water management improvements play a pivotal role in fortifying the resilience of the broader Santa Ana Watershed, especially during future drought cycles. The designated DAC served by MVWD stands to gain substantial advantages, experiencing reduced vulnerability to

water scarcity. Simultaneously, the reduced dependence on imported water ensures that more water resources are available for other regions within the state.

In essence, the project's focus is strategically aligned with both immediate conservation needs and the long-term goal of ensuring a sustainable and robust water supply.

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

Yes, the project is expected to increase collaboration and information sharing among regional water managers. The real-time water consumption data collected through AMI technology will provide valuable insights into MVWD's water use and patterns. This data-driven approach will enable water managers to develop and refine water use efficiency programs based on accurate and up-to-date information. By understanding customer behaviors and identifying areas of high-water usage or potential leaks, water managers can collaborate more effectively to implement targeted conservation initiatives. The project's focus on leveraging consumption data for efficiency programs aligns with the goal of regional water conservation efforts, fostering collaboration among water managers to address shared challenges in sustainable water management.

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? Please explain.

Yes, the project area continues to be severely impacted by years of unprecedented drought due to climate change, necessitating water restrictions for MVWD customers. Droughts, in addition to projected increases in daily ambient temperatures also associated with climate change, underscore the critical importance of efficient water management. The project's emphasis on immediate leak detection, enabled by AMI, is a key component in effectively managing water losses. Unlike the current practice of bi-monthly meter reads, real-time data from AMI allows for immediate identification and rectification of leaks, resulting in reduced water losses and enhanced conservation and sustainability of the Chino Groundwater Basin.

The project's impact also extends beyond MVWD by contributing to the conservation of water resources in the regional watershed as well as reducing MVWD's need to import water from outside the region. Implementing measures to proactively reduce water losses will help to preserve and sustain the availability of groundwater resources within both the Chino Groundwater Basin and the broader Santa Ana Watershed and will help to ensure a more sustainable water supply for the community during periods of drought and scarcity while providing resilience in the face of future water delivery challenges.

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)? Please explain.

No, the project is not anticipated to directly benefit species, as there are no endangered, federally recognized candidate species, state-listed species, or species of particular recreational or economic importance identified in MVWD's service area. However, on a broader scale, the project's focus on efficient water management and reduced reliance on imported water may

contribute to broader conservation efforts. By needing less imported water, the project could potentially offer indirect benefits to other regions that supply water, promoting more sustainable water usage practices on a larger scale.

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)? Please explain.

Yes, the project is expected to have positive impacts within the applicable geographic area, particularly benefiting the 315 customers receiving AMI meters, the reduction of water losses, and the prevention of property damage through immediate leak detection. The project will also reduce prolonged water outages from leaks in the distribution system and/or from mitigating the unanticipated costs and operational impacts caused by sinkholes or other catastrophic failures.

A secondary economic benefit of the project is the ability to reduce operational costs associated with groundwater pumping and/or the procurement of imported water. These savings, in turn, will help MVWD to continue to provide water rates that are affordable, especially for community members who are already burdened by increases in energy, housing and transportation, therefore benefiting the economic well-being of families who reside within this disadvantaged community.

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.

The project does not have a direct connection to the Natural Resources Conservation Service but does support their vision of "a world of clean and abundant water, healthy soils, resilient landscapes, and thriving agricultural communities through voluntary conservation."

Evaluation Criteria B Planning Efforts Supporting the Project (25 points)

Plan Description and Objectives: *Is your project supported by a specific planning document or effort? If so, describe the existing plan. When was the plan developed? What is the purpose and objective of the plan?*

Yes, the project is outlined in MVWDs Water System Master Plan Mini-Update completed in October 2020. The updated plan revised and reoriented the capital improvement projects defined in the 2008 Water System Master Plan, which originally forecasted $107 million in capital projects required to maintain reliable water service over the subsequent 30 years. The 2020 update offers a snapshot of current conditions as well as highlighting the challenges and opportunities within MVWD's infrastructure, including water service meters. The plan proposes refining existing practices, such as more frequent testing of large meters and transition to a district-wide meter replacement program over a five-year period.

A critical aspect of the plan is the proposed capital investment, totaling $6,994,150. This funding is earmarked for essential components like meters, maintenance fees, training, vehicle base stations, dataloggers, handhelds, and meter installations. The overarching purpose is to enhance the efficiency and accuracy of the metering system, aligning with MVWD's goal of

providing improved service to its customers. The updated plan outlines a strategic roadmap, with the proposed capital investments serving as a cornerstone for realizing the outlined objectives and ensuring a seamless transition toward advanced metering technologies.

Plan Development: *Who developed the planning effort? What is the geographic scope of the plan? If the planning effort was not developed by the Category A applicant, describe the Category A applicant's involvement in developing the planning effort.*

In October 2020, MVWD developed the Water System Master Plan Mini-Update to revise and reorient the original 2008 Water System Master Plan. This strategic initiative covers the entirety of MVWD's service area, including the communities of Montclair and Chino as well as portions of unincorporated San Bernardino County near the communities of Chino, Pomona, and Ontario. By adopting a holistic perspective, the plan addresses various aspects of water management and infrastructure improvements. Facilitated by a consultant, MVWD actively engaged in the planning process and assumed a central role in defining the plan's goals, objectives, and strategic initiatives. The Water System Master Plan Mini-Update serves as a guiding framework for MVWD's activities over a five-year period, delineating priorities and milestones aimed at enhancing the efficiency, sustainability, and reliability of the water delivery system.

Support for the Project: Describe to what extend the proposed project is supported by the identified plan. Consider:

Is the project identified specifically by name and location in the planning effort?

The project aligns seamlessly with the goals and priorities outlined in MVWD's 2020 Water System Master Plan Mini-Update. The project is explicitly identified and discussed in workshop #3. The plan serves as a foundational guide, offering a thorough analysis of current metering practices and infrastructure challenges within MVWD. Elements from the plan, such as refining existing practices, conducting more frequent testing, and implementing a district-wide meter replacement program, are directly integrated into the proposed project. The budget outlined in the plan for Fiscal Year Ending 2021 through Fiscal Year Ending 2025 aligns with the financial needs of the project, ensuring adequate resources for meters, maintenance, training, and technology upgrades. Overall, the proposed project is strategically aligned with the objectives of the water system plan, indicating a well-informed and cohesive approach to improving the efficiency and accuracy of MVWD's metering system.

Is this type of project identified in the planning effort?

Yes, the type of project, involving the implementation of AMI for improved water metering and management, is identified in MVWD's 2020 Water System Master Plan Mini-Update. The plan recognizes the critical need for modernizing the water metering infrastructure, and the project type aligns with the strategic goals outlined in the planning effort. The emphasis on the Meter Testing and Replacement Program, as specified in the plan, underscores the importance of precisely this type of project to achieve the outlined objectives.

Explain whether the proposed project implement a goal, objective, or address a need or problem identified in the existing planning effort?

Yes, the project directly aligns with goals and objectives outlined in the existing planning effort, specifically the 2020 Water System Master Plan Mini-Update adopted by MVWD's Board of Directors. The planning effort recognizes the critical need for modernizing the water metering infrastructure, and the project aims to implement this goal. The lack of funding resources has impeded the timely implementation of the planning effort, and the grant funds will facilitate the completion of Phase 3, a crucial component of the multi-phase project outlined in the plan.

Phase 3 of the project specifically addresses the need for 315 disadvantaged community households to have access to swift leak detection, minimizing the financial burden of costly water bills and property damage. The current meter reading process, occurring bi-monthly, poses a challenge for timely leak detection. The project's implementation will provide real-time meter reads, enabling residents and MVWD to quickly identify and address leaks, thereby preventing increased water bills and potential property damage. This targeted approach aligns with the planning effort's objectives and aims to address the specific needs identified in the existing plan.

In addition, the project fulfills four of MVWD's seven strategic goals: maintaining and upgrading the district's infrastructure and facilities; engaging customers through programs, education, and community involvement; maintaining responsible stewardship of district funds to address future needs; and promoting sustainability and resiliency through efficient planning, operations, facility management, and environmental compliance. These goals are achieved through improvements in groundwater sustainability, preventative maintenance of water mains, helping customers achieve water use efficiency targets, and the ability to provide affordable rates.

Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.

The proposed project has been identified as a priority in the existing planning effort due to its strategic alignment with the goals outlined in the 2020 Water System Master Plan Mini-Update adopted by MVWD's Board of Directors. While setbacks, including impacts of the pandemic, drought conditions, and stricter water quality regulations, forced MVWD to revise and reorient its near-term Capital Improvement Plan to focus primarily on groundwater treatment, it remains a priority for MVWD.

The strategic nature of the 2020 Water System Master Plan Mini-Update involves prioritizing projects based on available resources and pressing needs. Despite facing challenges, the proposed project has been designated as a priority due to its significance in addressing critical issues within the water delivery system. The multiphase approach has been adopted to facilitate progress as funds become available through grants, such as the current one under consideration. Even though the project has experienced delays, its inclusion in the planning effort underscores its importance and designation as a priority for MVWD.

Evaluation Criterion C: Implementation and Results (20 points)

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.

Given that Phase 3 is a continuation of a multiphase project, the planning and preparation stages have been completed and the appropriate AMI technology has been selected. To ensure proper system integration and standardization MVWD intends to use the same AMI meters installed in the first two phases. MVWD does not anticipate any permits required as all meters being installed are replacing existing meters, and permits have not been necessary for the first two phases. Upon successful receipt of this grant award, MVWD will proceed with the installation of 315 AMI meters and supporting Collectors as outlined below.

AMI Installation Project Phase 3 Schedule*

Tasks/Milestones	**Schedule**
Design and Engineering Phases • Review and finalize specifications and requirements for AMI meters • Issue Request for Proposals • Award contract to provide AMI meters and RF Collectors	Completed
Procure AMI Meters and RF Collectors	01/01/2025 - 04/01/2025
Construction/Installation • Begin installation of AMI meters • Integrate and test new AMI meters with existing systems	04/01/2025 – 07/01/2026
Quality Control/Testing and Calibration • Test AMI meters for accuracy and efficiency • Calibrate systems to ensure optimal performance	07/01/2026 – 09/01/2026
Assumes a start date based on award announcement in October 2024.	

Describe any permits and agency approvals that will be required along the process and timeframe for obtaining such permits or approvals.

No permits or approvals required.

Identify and describe any engineering or design work performed specifically in support of the proposed project. What level of engineering design is the project currently? If additional design is required, describe the planned process and timeline for completing the design.

No engineering design work is needed for this project as it is a continuation of work conducted under Phases1 and 2.

Does the applicant have access to the land or water source where the project is located?

Yes, MVWD is replacing existing, inefficient water meters with new AMI technology with leak detection. Approximately 50% of MVWD's potable water supply is derived from the Chino Groundwater Basin.

Has the applicant obtained any easements that are required for the project? If the applicant does not yet have permission to access the project location, describe the process and timeframe for obtaining such permission.

No additional easements are required for the project. MVWD has the authority to upgrade its meters in accordance with MVWD's Comprehensive Policy Manual.

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. Has a line item been included in the budget for costs associated with compliance? If a contractor will need to complete some of the compliance activities, separate line items should be included in the budget for Reclamation's costs and the contractor's costs.

The project has no potential environmental and cultural resource compliance requirements. The project does not involve digging or disruption to the environment. The project is replacing outdated, inefficient meters with new AMI technology. No line item necessary.

Evaluation Criterion D. Nexus to Reclamation (15 points)

Is the proposed project connected to a Reclamation project or activity? If so, how? Please consider the following:

No, the project is not connected to a Reclamation Project or activity.

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

No, MVWD does not have a water service, repayment, or operations and maintenance (O&M) contract with Reclamation.

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

MVWD does not receive Reclamation water through a Reclamation contract nor by any other contractual means. MVWD contracts with the Water Facilities Authority for its imported water supply.

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

Yes, the project will decrease water loss within MVWD's service area by increasing conservation within the Chino Groundwater Basin and allowing for more water to be available for other projects overseen by Reclamation.

Evaluation Criteria E. Presidential and Department of the Interior Priorities (15 points)

Sub-criterion No 1. Climate Change

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

The project takes a multifaceted approach to address the impacts of climate change in MVWD's service area and region, an area that recently endured a severe three-year drought, with an awareness that droughts are cyclical events. The implementation of AMI stands out as a key strategy, offering real-time data on water consumption and enabling swift identification of inefficiencies. Moreover, the AMI technology allows for swift leak detection, preventing significant water loss and contributing to climate-related water scarcity mitigation.

In parallel, a dedicated customer outreach initiative is designed to educate users on the benefits of regional programs promoting water-efficient habits. This proactive approach encourages behavioral changes, aligning with broader climate change mitigation efforts. The reduction of water waste through efficient management not only strengthens water supply sustainability but also lessens dependency on imported water sources. By conserving water locally, the project aims to ensure water supply resiliency, promoting sustainability in the face of changing climate conditions.

Furthermore, the project addresses the financial stability of vulnerable communities, particularly the DAC residents, by focusing on leak detection. The reduction in water bills alleviates financial stress exacerbated by climate-related disruptions. Overall, the proposed project aligns with climate-resilient development goals, promoting efficient and sustainable water infrastructure that enhances the community's readiness to face the challenges posed by climate change.

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, the project strengthens water supply sustainability, thereby increasing resilience to climate change. The introduction of AMI enhances the efficiency and accuracy of water management, allowing for more precise monitoring and control of water resources. This contributes to the overall sustainability of the water supply system by reducing water waste, improving leak detection, and promoting conservation.

In addition to the direct benefits mentioned earlier, the project fosters climate change resiliency in other ways. By implementing targeted water use efficiency programs and leveraging collaboration with external agencies like the Inland Empire Utilities Agency and Chino Basin Water Conservation District, MVWD aims to optimize water use efficiency. This proactive approach addresses the broader impacts of climate change by promoting responsible water consumption practices and reducing the overall demand on water resources.

Furthermore, the project's contribution to climate change resiliency extends to the greater community. The reduction in water bills for vulnerable residents, coupled with the prevention of property damage through swift leak detection, enhances the financial stability of the community. This, in turn, builds resilience by mitigating the economic impacts of climate-related challenges on individuals and households.

In summary, the proposed project not only strengthens water supply sustainability but also contributes to climate change resiliency through improved efficiency, conservation efforts, and community-level support.

Sub-criterion No 2. Disadvantaged or Underserved Communities

Please use the White House Council on Environmental Quality's interactive Climate and Economic Justice Screening Tool, to identify disadvantaged communities that will benefit from your project. If applicable, describe how the project benefits those disadvantaged or underserved communities identified using the tool.

The White House Council Environmental Quality's interactive Climate and Economic Justice Screening tool was instrumental in identifying the designated DAC area to be served by the project. According to the tool, 315 customers in tract no 06071000201 are classified as a DAC, marked by their challenging circumstances, including high rankings in air pollution (96th percentile for PM2.5), traffic proximity (98th percentile due to their location near major freeways and roads within 500 meters), and linguistic isolation (90th percentile, as the majority of households lack individuals over the age of 14 proficient in English).

The proposed project, targeting this DAC area, aims to install AMI meters with real-time leak detection. This technological enhancement is particularly beneficial for the identified community, as it allows MVWD to promptly notify customers of water leaks through representatives proficient in their language. The implementation of AMI meters addresses the economic stability of these customers by preventing unnoticed leaks for extended periods, a common issue with current manually-read meters. This swift leak detection not only mitigates financial burdens on residents but also reduces water waste, contributing to enhanced resiliency in the Chino Groundwater Basin. The project aligns with the principles of E.O. 14008 and E.O. 13985, emphasizing environmental justice and equity by providing crucial benefits to a disadvantaged community.

Sub-criterion no 3. Tribal Benefits

The project does not directly serve and/or benefit a Tribe.

Project Budget

Funding Plan

MVWD has allocated sufficient capital reserves from Fiscal Year Ending 2024 Budget ($337,938) to cover its portion of the matching grant for the proposed project, designated under Capital Improvement Project Number MA2024-X2 Annual Meter Replacement Program. These funds will be utilized to contribute MVWD’s required matching amount, ensuring the successful implementation of the project.

A full-service retrofitting project is a massive project and MVWD has broken it into smaller pieces as funding allows to accomplish the goal. Phase 1 was achieved through planning and budgeting as well as sound financial stewardship. Phase 2 was completed in collaboration with the Inland Empire Utilities Agency and Metropolitan Water District of Southern California through an external funding source. MVWD is well-prepared to commit these resources to the matching grant, underscoring its dedication to enhancing water supply management through advanced metering technology.

Furthermore, MVWD is committed to actively supporting the coordination and monitoring of the project. MVWD staff are ready to lend their expertise and skills to ensure the success of the proposed initiative. This collaborative approach emphasizes MVWD’s

comprehensive commitment to the project's success and the overall improvement of water supply efficiency.

Budget Proposal

Table 1 – Total Project Cost

Projected Cost Table			
Budget Object Category	**Total Cost**	**Federal Estimated Amount**	**Non-Federal Estimated Amount**
a. Personnel	**$16,314**		
b. Fringe Benefits	**$7,831**		
c. Travel	**$0**		
d. Equipment	**$22,320**		
e. Supplies	**$123,480**		
f. Contractual	**$12,600**		
g. Construction	**$24,450**		
h. Other Direct Costs	**$0**		
i. Total Direct Costs	**$206,995**		
j. Indirect Charges	**$0**		
Total Cost	**$206,995**	**$90,000**	**$116,995**
	Cost Share Percentage	**43%**	**57%**

Table 2 – Budget Proposal

Budget Item Description			**Total Cost**
Personnel			**$16,314**
Position Title	Time (Hr)	Rate (Hr)	
Meter Technician	174	$37	$6,438
Senior Meter Technician	88	$45	$3,960
Senior Customer Service Representative	29	$39	$1,131
Program Specialist	29	$35	$1,015
Customer Service & IT Manager – Juan Ventura	58	$65	$3,770
Fringe Benefits			**$7,831**
Position Title	Quantity	Compensation	
Meter Technician	174	$17.76	$3,090
Senior Meter Technician	88	$21.60	$1,901
Senior Customer Service Representative	29	$18.72	$543
Program Specialist	29	$16.80	$487
Customer Service & IT Manager- Juan Ventura	58	$31.20	$1,810

Travel			
Not Applicable			
Equipment			**$22,320**
Equipment Item	Quantity	Unit cost	
AMI RF Collector Set	2	$11,160	$22,320
Supplies			**$123,480**
Supply Item	Quantity	Unit Cost	
3/4" flowIQ® 2200 CF ALD 7-1/2"LL	315	$392	$123,480
Contractual			**$12,600**
Kamstrup			$12,600
Construction			**$24,450**
Equipment Item	Hours	Rate	
AMI RF Collector Installation	0	$23,000	$23,000
Boom Lift	1	$1,450	$1,450
Other Direct Costs			
Not applicable			
Indirect Costs			
Not applicable			
TOTAL ESTIMATED PROJECT COST			**$206,995**

Budget Narrative

Personnel

The Customer Service & IT Manager, Juan Ventura, is the project manager and will oversee the project. The Senior Meter Technician will assist the project manager in planning, coordinating and scheduling the AMI meter installation conducted by the Meter Technician. The Senior Customer Service Representative will assist the project manager in administrative items associated with customer accounts. The Program Specialist will assist the project manager in customer outreach by contacting high water users to educate and promote MVWD's water-saving programs. The project is anticipated to be an 18-month project and the hourly rate is based on the average of all personnel occupying this position. Compensation rates are consistently applied to Federal and non-Federal Activities.

Personnel			
Position Title	**Time (Hr)**	**Rate (Hr)**	**Total**
Meter Technician	174	$37	$6,438
Senior Meter Technician	88	$45	$3,960
Senior Customer Service Representative	29	$39	$1,131
Program Specialist	29	$35	$1,015

Customer Service & IT Manager – Juan Ventura	58	$65	$3,770
Total	**378**	**$221**	**$16,314**

Fringe Benefits

Fringe benefits are based on hours for each staff member and include benefits and required taxes paid for each position. Fringe rates have been computed at $17.76 per hour for the Meter Technician, $21.60 per hour for the Senior Meter Technician, $18.72 per hour for the Senior Customer Service Representative, $16.80 per hour for the Program Specialist, and $31.20 per hour for the Customer Service & IT Manger (Juan Ventura) and are applied to the 174-, 88-, 29-, 29-, and 58-hour estimates, respectively, for each position. The fringe benefits are more than 35% of compensation in accordance with MVWD salary schedule.

Fringe Benefits			
Position Title	**Quantity**	**Compensation**	**Total**
Meter Technician	174	$17.76	$3,090
Senior Meter Technician	88	$21.60	$1,901
Senior Customer Service Representative	29	$18.72	$543
Program Specialist	29	$16.80	$487
Customer Service & IT Manager- Juan Ventura	58	$31.20	$1,810
Total	**378**	**$106.08**	**$7,831**

Travel

The project does not require any travel costs; therefore, no travel expenses are included in the budget.

Equipment

This project necessitates the acquisition of two additional AMI RF Collector sets. These sets play a crucial role in the project by receiving real-time data transmitted from the newly installed flowIQ® 2200 AMI meters. To maintain consistency and compatibility with prior phases, the selected collector sets are identical to those used in Phase 1 and Phase 2. Given that the same collectors have been utilized in previous phases and have proven effective, they will continue to be employed in subsequent phases. A formal quote was obtained from the same vendor responsible for completing Phases 1 and 2. The purchase of these collector sets is deemed more cost-effective and sustainable than opting for rental or lease options. The inclusion of antennas in the procurement is essential to facilitate the collection of data from the meters.

Equipment			
Equipment Item	Quantity	Unit cost	Total cost
AMI RF Collector Set	2	$11,160	**$22,320**

Supplies

The project includes the purchase of 315: 3/4" flowIQ® 2200 CF ALD 7-1/2"LL AMI meters to be installed. The same meters were purchased for Phases 1 and 2. The vendor who supplied the AMI meters for phases 1 and 2 has supplied the estimate for Phase 3 as well. The meters will replace the current outdated meters already in place.

Supplies			
Supply Item	Quantity	Unit Cost	Total
3/4" flowIQ® 2200 CF ALD 7-1/2"LL	315	$392	**$123,480**

Contractual

Consultants will be engaged to facilitate the project. Software costs are part of the project and will be sourced from Kamstrup, the same vendor supplying the AMI meters and collectors. Kamstrup, having successfully completed Phases 1 and 2, is also responsible for MVWD's software associated with the installation of AMI meters.

Contractual	
Kamstrup	**$12,000**

Construction

The installation of the AMI RF collectors will necessitate renting a boom lift. Considering MVWD's previous phases, the estimated cost for collector installation is $23,000. Based on the cost of renting a boom lift used in the first two phases, the current published price indicates a rental cost of $1,450.

Construction			
Equipment Item	Hours	Rate	Total
AMI RF Collector Installation		$23,000	$23,000
Boom Lift	1	$1,450	$1,450
Total	1	$1,451	**$24,450**

Other Direct Costs

The project does not require any other direct costs; therefore, no additional MVWD expenses are included in the budget.

Indirect Costs

The project does not require any indirect costs; therefore, no indirect expenses are included in the budget.

Environmental and Cultural Resources Compliance

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.

The project involves the replacement of existing meters and does not entail any earth-disturbing work or activities that would impact the surrounding environment. As a result, there are no anticipated impacts on soil, air, water quality or quantity, or animal habitat within the project area. The nature of the project involves retrofitting existing infrastructure without introducing any new elements that could adversely affect the environment. Consequently, no specific steps are required to minimize environmental impacts, as the project is designed to be minimally invasive and focused on meter replacement.

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?

No, there are no species listed or proposed to be listed as a Federal threatened or endangered species, nor is there any designated critical habitat in the project area. Therefore, no activities associated with the proposed project would affect such species or habitats.

Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as "Waters of the United States"? If so, please describe and estimate any impacts the proposed project may have.

No, there are no wetlands or other surface waters inside the project boundaries that potentially fall under the Clean Water Act (CWA) jurisdiction as "Waters of the United States." Therefore, the proposed project is not expected to have any impact on such water bodies.

When was the water delivery system constructed?

Monte Vista Water District, a county water district, was established by a vote of the people in 1927. Shortly thereafter, general obligation bonds were issued to construct MVWD's first reservoir. In the decades that followed, MVWD built a distribution system of pipelines, wells, pumps, and reservoirs to serve the growing community. The system is not considered a historical site.

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.

No, the proposed project will not result in any modification of or effects to individual features of an irrigation system, such as headgates, canals, or flumes. There have been no extensive alterations or modifications to those features previously.

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

No, there are no buildings, structures, or features in the irrigation district that are listed or eligible for listing on the National Register of Historic Places.

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

No, there are no known archaeological sites in the proposed project area.

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

No, conversely, this project will assist low-income and minority populations by improving water loss, supporting swift leak detection, reducing damage and costs associated with leaks, and keeping water affordable.

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

No, the proposed project will not limit access to, and ceremonial use of, Indian sacred sites, nor will it result in other impacts on tribal lands.

Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?

No, the proposed project does not contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area.

Required permits or Approvals

No permits or approvals needed. MVWD is replacing existing outdated meters with new AMI meters.

Overlap or Duplication of Effort Statement

The project under consideration demonstrates a strategic and non-duplicative approach to securing funding for distinct phases of MVWD's meter retrofitting initiative. MVWD has already been awarded funding through the Member Agency Administered Program, in collaboration with Inland Empire Utilities Agency and Metropolitan Water District of Southern California, specifically for Phase 2. Simultaneously, applications are being submitted to Reclamation WaterSmart Water and Energy Efficiency Grants for Phase 4, complemented by cost-share funds sought from California State Assemblymember Freddie Rodriguez for Fiscal Year 2025. Importantly, none of these funding applications, including the awarded funds for Phase 2, are designated for Phase 3, the segment targeted in this funding opportunity. MVWD's meticulous planning involves breaking up the meter retrofitting plan into distinct phases,

allowing for efficient execution and resource allocation. This strategic division facilitates seeking funding from different sources for various phases, ensuring that there is no overlap or duplication of effort in the pursuit of the overall retrofitting goal.

Conflict of Interest Disclosure Statement

No known conflict of interest exists.

Uniform Audit Reporting Statement

Section not applicable, MVWD is not required for the most recently closed fiscal year to submit a Single Audit report.

Certification Regarding Lobbying

Not applicable, this application is requesting less than $100,000 in Federal funding.

SF-LL: Disclosure of Lobbying Activities (if applicable)

Section not applicable, no lobbying activities have been performed.

Letters of Support

January 8, 2024

Bureau of Reclamation
Financial Assistance Support Section
P.O. Box 25007, MS 84-27815
Denver, CO 80225

SUBJECT: LETTER OF SUPPORT FOR MVWD'S APPLICATION FOR FUNDING OPPORTUNITY ANNOUNCEMENT NO. R24AS00059

Dear Selection Committee,

The City of Montclair supports Monte Vista Water District's (MVWD) application to the Bureau of Reclamation's WaterSMART: Small-Scale Water Efficiency Projects Fiscal Year 2024 program for funding its Advanced Metering Infrastructure (AMI) Installation Project Phase 3. By providing access to hourly water use data, AMI technology allows MVWD staff to find and address leaks faster, significantly reducing water loss.

AMI conversion will allow for the implementation of advanced technology that accurately captures water flow at the meter and swiftly transmits data to MVWD, cutting back on water loss from agency-level leaks. Additionally, AMI and accompanying customer engagement software will provide customers with access to hourly water usage, consumption trends, and other conservation tools to manage water use and increase water efficiency.

The City of Montclair strongly supports MVWD's application for funding assistance to implement Phase 3 of the AMI Installation Project. Through efforts to reduce water loss and improve conservation efforts, this project would support MVWD's efforts to improve water supply reliability and water efficiency programs which has a greater benefit to the surrounding region as well.

OFFICE OF THE MAYOR

Mayor
Javier John Dutrey

cc: Justin Scott-Coe, General Manager, Monte Vista Water District

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

6075 Kimball Avenue • Chino, CA 91708
P.O. Box 9020 • Chino Hills, CA 91709
TEL (909) 993-1600 • FAX (909) 993-1985
www.ieua.org

January 10, 2024

Bureau of Reclamation
Financial Assistance Support Section
P.O. Box 25007, MS 84-27815
Denver, CO 80225

Re: Funding Opportunity Announcement No. R24AS00059: Support for MVWD's Application

Dear Selection Committee,

The Inland Empire Utilities Agency (IEUA) is pleased to provide this letter of support for Monte Vista Water District's (MVWD) application to the Bureau of Reclamation's WaterSMART: Small-Scale Water Efficiency Projects Fiscal Year 2024 program for funding of MVWD's *Advanced Metering Infrastructure (AMI) Installation Project Phase 3 (AMI Project)*.

Minimizing water leaks is considered a first-tier conservation practice in Southern California since leaks are simply wasteful, expensive and provide zero benefits. MVWD's AMI Project will extend the deployment of AMI technology throughout its service area. Coupled with special software, MVWD's AMI Project identifies even the smallest of leaks and alerts MVWD nearly instantly so they can connect with the customer. Expediting leak repairs not only helps to preserve available water supplies, but also saves customers money on their water bills.

MVWD's AMI Project is an important tool for assuring water is not wasted in a community that is largely economically disadvantaged, per California metrics. We respectfully request your support of MVWD's application. If you have any questions, please contact me at 909.217.6943 or cpieroni@ieua.org.

Sincerely,

Cathleen C Pieroni

Cathleen C Pieroni
Acting Water Resources Manager

cc: Justin Scott-Coe, General Manager, Monte Vista Water District

Official Resolution

RESOLUTION 865-24

RESOLUTION OF THE BOARD OF DIRECTORS OF THE MONTE VISTA WATER DISTRICT, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AUTHORIZING THE MONTE VISTA WATER DISTRICT TO ENTER INTO A FINANCIAL ASSISTANCE AGREEMENT UNDER THE WATERSMART GRANTS: SMALL-SCALE WATER EFFICIENCY PROJECTS FUNDING FOR FISCAL YEAR 2024 WITH THE U.S. DEPARTMENT OF INTERIOR – BUREAU OF RECLAMATION AND DESIGNATING A REPRESENTATIVE TO EXECUTE THE FINANICIAL ASSISTANCE AGREEMENT, AND ANY AMENDMENTS THERETO, FOR THE MONTE VISTA WATER DISTRICT ADVANCED METER INSTALLATION PROJECT

WHEREAS, Monte Vista Water District ("District") has the authority to construct, operate, and maintain its water system; and

WHEREAS, the United States Department of the Interior – Bureau of Reclamation under the WaterSMART: Small-Scale Water Efficiency Projects grant program will make funding available to qualifying applicants; and

WHEREAS, the District's 2021-2025 Strategic Plan Initiative 3.4 states that the District will develop and implement a meter testing, repair, and replacement plan based on a comprehensive existing meter inventory; and

WHEREAS, this grant funding opportunity will allow the District to address its aging infrastructure while bearing a shared-cost; and

WHEREAS, the District's 2021-2025 Strategic Plan Goal 5 is to maintain responsible stewardship of District funds to address future needs; and

WHEREAS, the Board of Directors of the Monte Vista Water District finds and determines that it is in the best interest of the District and its residents to apply for such a grant opportunity.

NOW, THEREFORE, BE IT RESOLVED the Board of Directors of the Monte Vista Water District does determine as follows:

1. That the Monte Vista Water District is authorized to enter into a financial assistance agreement under the WaterSMART Grants: Small-Scale Water Efficiency Projects Funding for Fiscal Year 2024 with the U.S. Department of the Interior – Bureau of Reclamation for the Monte Vista Water District Advanced Meter Installation Project – Phase 3; and

2. That the Board of Directors of Monte Vista Water District authorizes the general manager to execute the financial assistance agreement, and any amendments thereto; and

3. That Monte Vista Water District has the capacity to provide the amount of funding and/or in-kind contributions specified in the grant cost share requirements; and

4. That Monte Vista Water District will work with the U.S. Department of Interior – Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.

APPROVED AND ADOPTED this 10th day of January 2024.

Sandra S. Rose
President of the Board of Directors
MONTE VISTA WATER DISTRICT

ATTEST:

Justin M. Scott-Coe
Secretary to the Board of Directors
MONTE VISTA WATER DISTRICT

Letters of Funding Commitment

The cost share is funded through the applicant.

Unique Entity Identifier (UEI) and System for Award Management (SAM)